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**ABSTRACT**

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Individuals with Special Needs, (6) Research Design, Development and Utilization, (7) Students, Occupational Guidance and Other Student Personnel Services, (8) Teachers and Teacher Education, (9) Teaching and Learning, and (10) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 013 605). (CD)

ED051433

# ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

SPRING 1971

**ERIC**

CLEARINGHOUSE ON  
VOCATIONAL AND  
TECHNICAL EDUCATION

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# ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

SPRING 1971

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CLEARINGHOUSE ON  
VOCATIONAL AND  
TECHNICAL EDUCATION

The Center for Vocational and Technical Education, an independent unit on The Ohio State University campus, operates under a grant from the National Center for Educational Research and Development, U.S. Office of Education. It serves a catalytic role in establishing consortia to focus on relevant problems in vocational and technical education. The Center is comprehensive in its commitment and responsibility, multidisciplinary in its approach and interinstitutional in its program.

The Center's mission is to strengthen the capacity of state educational systems to provide effective occupational education programs consistent with individual needs and manpower requirements by:

- Conducting research and development to fill voids in existing knowledge and to develop methods for applying knowledge.
- Programmatic focus on state leadership development, vocational teacher education, curriculum, vocational choice and adjustment.
- Stimulating and strengthening the capacity of other agencies and institutions to create durable solutions to significant problems.
- PROVIDING A NATIONAL INFORMATION STORAGE, RETRIEVAL AND DISSEMINATION SYSTEM FOR VOCATIONAL AND TECHNICAL EDUCATION THROUGH THE AFFILIATED ERIC CLEARINGHOUSE.



ED051433

Abstracts of  
Research and Related  
Materials  
in  
Vocational and Technical Education  
Spring 1971

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The Center for Vocational and Technical Education  
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1900 Kenny Road, Columbus, Ohio 43210

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Abstracts of Research and Related Materials in Vocational and Technical Education is a quarterly publication (Fall, Winter, Spring, Summer) published by the ERIC Clearinghouse on Vocational and Technical Education. Subscriptions are \$11.00, one year; \$18.00, two years; and \$27.00, three years. Send order to ERIC Clearinghouse, The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210. Contents of this publication may be reprinted freely without requesting permission, providing appropriate credit is given to the Clearinghouse.

## PREFACE

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) and the companion publication Abstracts of Instructional Materials in Vocational and Technical Education (AIM) announce the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. ARM incorporates abstracts of research and other materials which are useful to a wide audience of users such as researchers, supervisors, teacher educators, education specialists, administrators, teachers and others who have an interest in vocational and technical education. AIM includes abstracts of materials typically designed for teacher use or student use in the classroom, and annotations of bibliographies or lists of instructional materials. These publications prepared by the ERIC Clearinghouse on Vocational and Technical Education are published quarterly beginning with Fall 1967 issues.

The ERIC Clearinghouse on Vocational and Technical Education is a division of the Center for Research and Leadership Development in Vocational and Technical Education located at The Ohio State University and is one of the clearinghouses of the Educational Resources Information Center (ERIC-USOE). With the growth of vocational and technical education programs, there is an increasing need for accessible information that can be used in developing logical chains of reasoning for research activities, for improving school practices and for shortening the theory-practice gap. This Clearinghouse is striving to provide a useful and vital function in dissemination of information on vocational and technical education. ARM and AIM give visibility to a document-based information system which constitutes an on-going data bank of research and resource materials in vocational and technical education. Following are some of the benefits derived from this data base:

- \* A central source of information to be reviewed and synthesized into state-of-the-art papers, critical reviews, interpretive papers, etc.
- \* A resource which includes different kinds of materials, e.g., instructional materials, descriptive reports, survey reports, dissertations, conference proceedings, program plans or procedures, research reports.
- \* Provision for availability of primary source materials through the ERIC Document Reproduction Service (EDRS) and/or other distribution agencies.
- \* A source of bibliographies and a resource for development of bibliographies.
- \* A source of materials for different user groups (i.e., administrators, supervisors, teacher educators, teachers, legislative and advisory bodies) with information needs in such diverse areas as teaching and learning, manpower needs and requirements, research design and methodology, evaluation.

Since this Clearinghouse is a component of a larger information system, ERIC, it is logical that certain similarities among publications exist. In this regard the format of ARM and AIM is similar to that of Research in Education (RIE)<sup>1</sup>, the primary publication of the Educational Resources Information Center (ERIC). RIE includes abstracts from all ERIC Clearinghouses. The abstracts of materials reported in ARM relate specifically to the educational field of vocational and technical education and constitute a segment of ERIC, the national information system for American education.

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<sup>1</sup>Research in Education is published 12 times a year. The first issue was no. 1, November 1966. Subscription: Domestic \$21.00 a year; foreign \$5.25 additional. Single copy: Domestic, \$1.75. Send check or money order (no stamps) to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

In addition to the two quarterly publications, Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), and Abstracts of Instructional Materials in Vocational and Technical Education (AIM), other publications will be issued from time to time. These will typically concern themselves with reviewing and synthesizing information in specific areas of vocational and technical education, e.g., Review and Synthesis of Research in Technical Education; Agricultural Education; Home Economics, etc., and with reviewing and synthesizing information related to topical areas such as the economics of vocational and technical education.

We are indebted to our colleagues within the profession for their cooperation in forwarding materials to the clearinghouse and for their suggestions and comments which have materially assisted in the development of this program. We anticipate further refinement and improved procedures with the continued assistance of our advisory committee.

Robert E. Taylor  
Director

Subscriptions for hard copy may be initiated with the Fall 1968 issue, or subsequent issues. Send order indicating quarter and year that subscription is to begin to:

AIM-ARM  
ERIC Clearinghouse  
The Center for Vocational and Technical Education  
1900 Kenny Road  
Columbus, Ohio 43210

## INTRODUCTION

### Organization of ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

Abstracts of Research and Related Materials in Vocational and Technical Education has two basic formats -- resumes and indexes -- to serve the browser and those seeking specific information. The resumes are organized according to several topical groupings in the first section of the document. Under each grouping, the resumes are arranged by Vocational Technical (VT) number which is an identification number assigned to reports as they are processed. Resumes contain an abstract which indicates the contents of a document in two hundred words or less. Documents which have been pulled from RIE resume tapes will appear in uppercase letters only. Additional components of a resume are explained in a diagram on page x.

Several indexes are located after the resume section to provide specific approaches to documents reported in the resume section. These indexes are:

Subject and Identifier Index  
Personal and Institutional Author Index  
Vocational and Supporting Services Index  
Document Number Index  
Conversion of Document Number Index (VT to ED or MP, ED or MP to VT)

All of the indexes refer to page numbers in this publication to enable the reader to quickly locate any resume of interest.

### Availability of ARM

ARM is published quarterly (Fall, Winter, Spring, Summer). The first issue began Fall 1967. At this time the four issues for the period Fall 1967 - Summer 1968 and the AIM-ARM Annual Index, 1967-68 are available only on microfiche or facsimile copy. Annual subscriptions are available beginning with Fall 1968. Microfiche or facsimile for all previous issues may be ordered from ERIC Document Reproduction Service (EDRS), P.O. Drawer 0, Bethesda, Maryland 20014. Please write to EDRS for order forms.

ED 013 336	Fall 1967 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 015 335	Winter 1967 ARM	MF - \$ .65	or	HC - \$ 6.58
ED 016 875	Spring 1968 ARM	MF - \$ .65	or	HC - \$ 6.58
ED 019 525	Summer 1968 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 022 064	AIM-ARM Annual Index, 1967-68	MF - \$ .65	or	HC - \$ 6.58
ED 022 970	Fall 1968 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 027 437	Winter 1968 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 030 000	Spring 1969 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 031 586	Summer 1969 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 036 652	AIM-ARM Annual Index 1968-69	MF - \$ .65	or	HC - \$ 6.58
ED 033 247	Fall 1969 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 036 654	Winter 1969 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 039 367	Spring 1970 ARM	MF - \$ .65	or	HC - \$ 13.16
ED 042 036	Summer 1970 ARM	MF - \$ .65	or	HC - \$ 9.87
ED 042 929	AIM-ARM Annual Index 1969-70	MF - \$ .65	or	HC - \$ 6.58
ED 045 857	Fall 1970 ARM	MF - \$ .65	or	HC - \$ 19.74
ED 048 516	Winter 1970 ARM	MF - \$ .65	or	HC - \$ 9.87

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AIM-ARM  
ERIC Clearinghouse  
The Center for Vocational and Technical Education  
1900 Kenny Road  
Columbus, Ohio 43210



### Availability of Materials Reported in ARM

A basic concept of the ERIC system is to make known the availability of the full text of materials abstracted. Most of the materials processed into the ERIC system with an ERIC Document (ED) number will be available from the ERIC Document Reproduction Service (EDRS) in the form of microfiche or facsimile copy. There is an EDRS availability line with each abstract which indicates if a document may be obtained from EDRS. If a document is not available from EDRS, the agency and address from which the document may be obtained is in the resume. Microfiche or facsimile copy must be ordered by ED (ERIC Document) number since EDRS is not set up to respond to requests for materials by subject, author, or title. AIM and ARM indexes can be used to determine ED numbers which relate to problem areas. Always check the most current issue of RIE for the latest price schedules and ordering procedure for microfiche (MF) and facsimile copy, called hard copy (HC).

Materials with ED numbers are announced in Research in Education (RIE) as well as AIM or ARM. These are available as individual documents through EDRS or another source. Documents with VT numbers only are not announced in RIE but are included in AIM and ARM. They are not available as individual documents from EDRS but as part of a VT-ERIC set. Microfiche for an individual document in one of these sets is obtainable only through purchase of the set or from agencies that have this set and have the capability of reproducing microfiche. Reports in these sets are identified in a resume by the phrase MF AVAILABLE IN VT-ERIC SET. The documents are grouped in VT number sequence in the microfiche set for each issue of AIM or ARM. Each set is announced in RIE under a single (ED) number. The Fall 1967 - Summer 1968 Microfiche Collections contain documents with VT numbers only and ED documents. Beginning with Fall 1968, the microfiche set contains the documents which have only VT numbers. Thus the microfiche collection for a particular issue of ARM now contains the items in that issue of ARM which have the statement, MF AVAILABLE IN VT-ERIC SET, in the resume. These sets may be ordered from EDRS. Information to be used in ordering the sets for ARM follows:

#### ARM Microfiche Collections

ARM	ED Number	Microfiche	ARM	ED Number	Microfiche
Fall 1967	ED 013 338	\$20.02	Summer 1969	ED 031 587	\$23.54
Winter 1967	ED 015 348	\$23.10	Fall 1969	ED 033 237	\$ 7.48
Spring 1968	ED 016 876	\$33.66	Winter 1969	ED 036 657	\$27.94
Summer 1968	ED 019 526	\$63.36	Spring 1970	ED 039 370	\$30.80
Fall 1968	ED 022 065	\$ 4.84	Summer 1970	ED 042 060	\$28.16
Winter 1968	ED 027 441	\$30.36	Fall 1970	ED 045 860	\$66.66
Spring 1969	ED 030 001	\$22.00	Winter 1970	ED (See July '71 RIE)	\$36.08

The prices quoted above reflect a new price schedule in effect for VT-ERIC microfiche collections as of June 1971.

It should be noted that organizations which have standing orders with EDRS for the total microfiche collections in RIE will automatically receive the ARM and AIM microfiche collections. If an organization wishes to order only the materials abstracted by VT-ERIC which are announced in RIE and are on microfiche, a standing order may be initiated with EDRS for a VT-ERIC package. This package will automatically include the ARM and AIM microfiche collections. Contact EDRS for information about cost of current or retrospective VT-ERIC packages.



Availability Key for Materials Reported in ARM

<u>Accession Number</u>	<u>Availability on Microfiche</u>
ED number supplied	ERIC Document Reproduction Service (EDRS) provided that the information is shown on EDRS price line.
ED appears with reference to an RIE issue, e.g., ED(See Aug. '69 RIE)	If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue.
VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

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Bethesda, Maryland 20014

Prices for microfiche and/or hard copy undergo occasional changes which become effective when announced in Research in Education. EDRS prices cited in ARM and AIM reflect the prices in effect at the time of publication. Retrospective use of ARM and AIM requires attention to the most recent price schedules and ordering information which is available in a current issue of RIE.

Scope of the Clearinghouse

The Clearinghouse on Vocational and Technical Education is responsible for acquiring, processing, and disseminating through the ERIC system, research reports, instructional materials, information analysis products and other resource materials related to vocational and technical education. In addition to this general area, coverage includes the specific occupational fields of agricultural education, business and office occupations

education, distributive education, health occupations education, home economics education, technical education, trade and industrial education, and new sub-professional fields. The clearinghouse scope also encompasses the related fields of industrial arts education, manpower economics, occupational psychology, and occupational sociology. The following subject categories when specifically oriented to vocational-technical education and its related fields are included in the scope of the Clearinghouse: administration and supervision, curriculum, employment and occupations, evaluation and measurements, facilities and equipment, historical studies, individuals with special needs, instructional materials and devices, philosophy and objectives, research design and development, occupational guidance and other student personnel services, students, teachers, teacher education, teaching and learning.

#### Acquisitions

The adequacy of information in this publication, as well as other services of this Clearinghouse, is directly related to the extensiveness of the information acquired and processed into the system. This Clearinghouse has assumed the initiative in obtaining as much of the available information as possible. However, it is impossible for any organization to achieve complete and comprehensive coverage of a field as vast as vocational education without the cooperation and assistance of the profession. The growth and ultimate effectiveness of the system require supplemental efforts of its users. Any person in the vocational or technical field is invited to forward to the Clearinghouse two copies of items relating to vocational-technical education for possible inclusion in the system. Questions relating to this endeavor should be directed to the Acquisitions Specialist at the Clearinghouse.

#### Abbreviations

AIM	<u>Abstracts of Instructional Materials in Vocational and Technical Education</u>
ARM	<u>Abstracts of Research and Related Materials in Vocational and Technical Education</u>
ED	ERIC Document
EDRS	ERIC Document Reproduction Service
ERIC	Educational Resources Information Center
HC	Hard Copy
MF	Microfiche
MP	Manpower
RIE	<u>Research in Education</u>
VT	Vocational-Technical

# SAMPLE RESUME

Accession Number--  
an identification  
number sequentially  
assigned to reports  
as they are processed.

Author(s)--the  
individual(s) who  
prepared the report.

EDRS Price--price of  
the document through  
the ERIC Document  
Reproduction Ser-  
vice. "MF" means  
microfiche; "HC"  
means hardcopy.

Report Number would  
appear here.

If item cited ap-  
peared originally  
in a journal, a  
journal citation  
would appear here.

Publication Date.

Total number of  
printed pages in  
the report, in-  
cluding cover and  
appendices.

Identifiers would  
appear here. These  
are acronyms, geo-  
graphical areas,  
conferences, orga-  
nizations, tests  
(e.g. Binet), etc.  
Only the major  
identifiers preceded  
by an asterisk are  
printed in the index.

Abstract--a con-  
densation of the  
report in about  
200 words. When  
applicable, it  
includes the  
purpose, pro-  
cedure, results,  
and conclusions  
of the research  
activity.

VT 004 376 ED 020 326

Asbell, Bernard

New Directions in Vocational Education, Case Studies in Change.

Office of Education (DHEW), Washington, D.C. Bureau of Research

EDRS PRICE MF-\$0.50 HC NOT AVAILABLE FROM EDRS.

OE-80047

Superintendent of Documents, U.S. Government Printing Office,  
Washington, D.C. 20402 (FS5.280:80047, \$.30).

Pub Date - 67 6lp.

Descriptors - \*CASE STUDIES (EDUCATION); ADOPTION (IDEAS);  
\*EDUCATIONAL CHANGE; TECHNICAL EDUCATION; \*VOCATIONAL EDUCATION;  
AREA VOCATIONAL SCHOOLS; SLOW LEARNERS; PARAMEDICAL OCCUPATIONS;  
OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; EDUCATIONAL  
INNOVATION  
Identifiers - SAN FRANCISCO; CALIFORNIA; \*RICHMOND PRETECHNICAL  
PROGRAM; OHIO; GEORGIA; PHOENIX; ARIZONA; QUINCY; MASSACHUSETTS

Abstract - In recent efforts of the U.S. Office of Education to  
bridge the gap between development and adaptation of educational  
practice, visibility has been given to communities which have  
introduced new curriculums, teaching methods, and institutional  
patterns. Five locally initiated programs which have attempted  
to provide a flexibility of the educational system.....  
.....and education leaders at state and local  
levels. Quincy, Massachusetts, is an example of a city in which  
vocational education has shifted from training for a single  
skill to preparing individuals for a cluster of occupational  
skills. (JM)

If ED is followed by  
numbers, item has  
been announced in  
Research in Education.  
If ED is not followed  
by numbers, the issue  
of RIE in which the  
abstract is scheduled  
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ED prefix.

Title of report.

Institutional Source--  
the organization  
responsible for the  
report.

Sponsoring Agency--  
would appear here if  
different than Insti-  
tutional Source.

Grant Number and  
Program Area Number  
would appear on this  
line.

Commercial, insti-  
tutional, and other  
sources of availabil-  
ity if known at time  
of printing. Cost is  
included.

Descriptors--the  
subject terms assigned  
by an indexer to  
characterize the  
contents of a report.  
Only the major terms,  
those preceded by an  
asterisk, are printed  
in the index.

Abstractor's Initials.

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VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

## ERRATA

1. Several VT resumes were published in ARM Fall 1970 without their corresponding ED or MP numbers. Following are these VT numbers, their corresponding ED or MP numbers, and page number locations of the resumes in ARM Fall 1970:

VT 002 717	MP 000 137	p. 200
VT 007 108	MP 000 705	p. 176
VT 011 005	ED 040 277	p. 302
VT 011 534	ED 041 176	p. 228

These numbers are included in the current cumulative Conversion of Document Number Index.

2. VT 010 625 (ED 037 574), appearing on page 81 of ARM Fall 1970, was omitted from the Document Number Index of that issue. These numbers are included in the current cumulative Conversion of Document Number Index.
3. VT 010 704, appearing on page 255 of ARM Fall 1970, included an incorrect ED number. The correct ED number is ED 039 330. The correct combination is included in the current cumulative Conversion of Document Number Index.
4. VT 010 918, appearing on page 87 of ARM Fall 1970, included an incorrect ED number. The correct ED number is ED 039 343. The correct combination is included in the current cumulative Conversion of Document Number Index.

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## TABLE OF CONTENTS

	Page
PREFACE . . . . .	iii
INTRODUCTION. . . . .	v
ABSTRACTS . . . . .	763
ADMINISTRATION AND SUPERVISION SECTION . . . . .	763
Guides, standards, conference proceedings, program descriptions, and research reports concerning educational program planning, program development, program administration, advisory committees, and experimental, pilot, and demonstration projects.	
CURRICULUM SECTION . . . . .	803
Workshop reports, conference proceedings, research reports, speeches, and papers concerning curriculum research and development.	
EMPLOYMENT AND OCCUPATIONS SECTION . . . . .	807
Bibliographies, descriptive reports, occupational survey reports, conference reports, and research studies concerning manpower needs, development, and utilization; employment qualifications, patterns, projections, opportunities, and trends; labor force and labor market; educational needs and opportunities; labor economics; and employment statistics supporting needed vocational education programs for specific occupational categories.	
EVALUATION AND MEASUREMENTS SECTION. . . . .	831
Research reports, conference proceedings, follow-up studies, and instruments concerning the evaluation and measurement of students and programs. See other sections for other kinds of evaluation, e.g. Teachers and Teacher Education Section for teacher evaluation.	
INDIVIDUALS WITH SPECIAL NEEDS SECTION . . . . .	841
Research, descriptive, and conference reports concerning individual characteristics, educational needs, and programs for physically handicapped, emotionally disturbed, and socially, culturally, economically, and educationally disadvantaged groups.	
RESEARCH DESIGN, DEVELOPMENT AND UTILIZATION SECTION . . . . .	859
Descriptions, bibliographies, conference proceedings and other publications concerning research efforts and needs, research coordinating unit activities, educational change, research design, research methodology, research utilization, and abstracts of research reports.	



STUDENTS, OCCUPATIONAL GUIDANCE AND OTHER STUDENT PERSONNEL SERVICES SECTION . . . . .	863
Program descriptions, program guides, research reports and other documents concerning vocational counseling, occupational guidance, occupational choice, occupational and educational aspiration, career and employment opportunities, career planning, occupational information, student characteristics, and student organizations.	
TEACHERS AND TEACHER EDUCATION SECTION . . . . .	867
Program descriptions, conference proceedings, and research reports concerning teacher education, teacher characteristics, teacher employment, and teacher evaluation.	
TEACHING AND LEARNING SECTION. . . . .	875
Research reports, conference proceedings and other documents concerning teaching methods and the learning process.	
OTHER RESOURCES SECTION. . . . .	883
Bibliographies, directories, and other information sources concerning materials not focused on substantive problems found in other categories.	
INDEXES . . . . .	887
SUBJECT INDEX. . . . .	888
AUTHOR INDEX . . . . .	944
VOCATIONAL AND SUPPORTING SERVICES INDEX . . . . .	969
DOCUMENT NUMBER INDEX. . . . .	979
CONVERSION OF DOCUMENT NUMBER INDEX. . . . .	991

ADMINISTRATION  
AND SUPERVISION  
SECTION



VT 001 106 ED 043 725

NIXON, R. A.

THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.

NEW YORK UNIV., N.Y. CENTER FOR THE STUDY OF UNEMPLOYED YOUTH.

SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. OFFICE OF JUVENILE DELINQUENCY AND YOUTH DEVELOPMENT.

EDRS PRICE MF-\$0.65 HC-\$3.29

CENTER FOR THE STUDY OF UNEMPLOYED YOUTH, GRADUATE SCHOOL OF SOCIAL WORK, NEW YORK UNIVERSITY, 853 BROADWAY, NEW YORK, NEW YORK 1000

PUB DATE - 67 67P.

DESCRIPTORS - EMPLOYMENT OPPORTUNITIES; \*JOB DEVELOPMENT; \*JOB MARKET; JOB PLACEMENT; \*MANPOWER NEEDS; \*MANPOWER UTILIZATION; OCCUPATIONAL INFORMATION; UNSKILLED WORKERS; \*VOCATIONAL EDUCATION

ABSTRACT - THIS MONOGRAPH IS ADDRESSED PRINCIPALLY TO THE POLICY MAKER AND PROGRAM PLANNER DEALING WITH JOB DEVELOPMENT, AND DEFINES SOME OF THE LIMITS, PROBLEMS, AND NEEDS OF THE FIELD. PRIMARILY, JOB DEVELOPMENT IS CONCERNED WITH THE DEMAND SIDE OF THE LABOR MARKET EQUATION, DEALING WITH THE AVAILABILITY OF JOB OPENINGS IN GENERAL OR FOR A PARTICULAR GROUP, AND WITH THE DEMAND FOR WORKERS. BUT THE SUPPLY SIDE--WORKERS' QUALIFICATIONS AND TRAINING--MUST ALSO BE CONSIDERED BY THE JOB DEVELOPER AS HE TRIES TO LOWER THE UNEMPLOYMENT RATE. WHILE A GENERALIZED INCREASE IN LABOR DEMAND WILL AUTOMATICALLY DISSOLVE A LARGE SECTION OF THE MARGINAL JOBLESS LABOR FORCE, AN IMPORTANT RESIDUE OF DISADVANTAGED UNEMPLOYED WHO REQUIRE SPECIAL CARE AND ASSISTANCE TO REALIZE THEIR POTENTIAL AS WORKERS WILL REMAIN. IN THIS CONTEXT, THE PAPER CONSIDERS THE FOLLOWING TOPICS: (1) LABOR MARKET INFORMATION--NEEDS, SOURCES, AND GAPS, (2) WORKERS AND JOBS, (3) THE HIRING PROCESS, AND (4) FULL EMPLOYMENT, JOB DEVELOPMENT, AND JOB CREATION. (CH)

VT 006 685

Freed, Robert Vernon

The Development of Post-High School Technical-Vocational Education in Oklahoma.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - May68 76P.

DESCRIPTORS - \*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; \*POST SECONDARY EDUCATION; STATE UNIVERSITIES; EDUCATIONAL TRENDS; \*ENROLLMENT TRENDS; STATE LEGISLATION; \*PROGRAM COORDINATION; SCHOOL SURVEYS; MASTERS THESES

ABSTRACT - With constantly changing developments in the area of technical-vocational education, there is a need for a recording of events for the purpose of identifying trends. Thus, a historical and descriptive study in post-high school technical-vocational education was conducted in the following areas: (1) state-supported institutions, (2) industrial education throughout Oklahoma, (3) relevant state legislation, (4) enrollments and graduates of technical-vocational programs, and (5) recent research in this area. It was disclosed as a result of this investigation that the institutions of higher education furnish the bulk of the technical-vocational training and that there is no state coordinating unit for all such programs. Further research is recommended to determine the feasibility of creating a coordinating unit. This M.S. thesis was presented to Oklahoma State University. (AUTHOR/JS)

VT 007 637 ED 043 729

ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2--APPENDIX.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.

EDRS PRICE MF-\$0.65 HC-\$13.16

PUB DATE - JUN 68 340P.

DESCRIPTORS - \*EDUCATION; FEDERAL AID; FEDERAL GOVERNMENT; \*FEDERAL LAWS; \*FEDERAL LEGISLATION; FEDERAL PROGRAMS; \*TRAINING  
IDENTIFIERS - 90TH CONGRESS; US CONGRESS; US SENATE

ABSTRACT - TEXTS OF MAJOR EDUCATION AND TRAINING LAWS AMENDED BY THE FIRST SESSION OF THE 90TH CONGRESS ARE INCLUDED IN THIS APPENDIX TO ED 029 096: (1) ELEMENTARY AND SECONDARY EDUCATION ACT, (2) PUBLIC LAW 874, (3) PUBLIC LAW 815, (4) ADULT EDUCATION ACT, (5) COOPERATIVE RESEARCH ACT, (6) HIGHER EDUCATION ACT, (7) NATIONAL DEFENSE EDUCATION ACT, (8) FELLOWSHIPS FOR URBAN STUDIES, (9) EDUCATIONAL BROADCASTING, (10)

VOCATIONAL REHABILITATION ACT, (11) LOAN SERVICE OF CAPTIONED FILMS AND EDUCATIONAL MEDIA FOR THE DEAF AND HANDICAPPED, (12) GRANTS FOR TEACHING IN THE EDUCATION OF HANDICAPPED CHILDREN, (13) TRAINING OF TEACHERS OF MENTALLY RETARDED AND OTHER HANDICAPPED CHILDREN, (14) YOUTH-WORK-STUDY PROGRAMS, (15) VETERANS READJUSTMENT BENEFITS ACT, AND (16) LIBRARY SERVICES AND CONSTRUCTION ACT. (DM)

VT 008 243

Federal Programs for the Development of Human Resources. Vol. I.

Congress of the U.S., Washington, D.C. Joint Economic Committee.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (\$1.00).

PUB DATE - 68 20p.

DESCRIPTORS - \*PUBLIC POLICY; \*EMPLOYMENT LEVEL; \*MANPOWER DEVELOPMENT; \*FEDERAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; MANPOWER NEEDS; \*NATIONAL DEFENSE

ABSTRACT - Conversion from a wartime to a postwar economy involves significant changes in priorities. This report describes the manpower impact of these changes. Although it predicts an increase in employment opportunities resulting from a switch from defense to civilian objectives, the increase in jobseekers is expected to exceed openings by 375,000 when the war ends and military men enter the civilian labor market. This represents an increase of only one-half of one percent in unemployment, but regional imbalances will be serious in areas dependent upon defense industries. Education for returning veterans can provide a partial solution by increasing their skill level and delaying reentry into the labor force, but a satisfactory solution requires efforts at improving mobility and reducing entry barriers. (BH)

VT 008 531

Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.

Social, Educational Research and Development, Inc., Chicago, Ill.

Educational Development Cooperative, Homewood, Ill.

Bremen Community High School, Ill.

Illinois State Board of Vocational Education and Rehabilitation, Springfield

MF AVAILABLE IN VT-ERIC SET.

Educational Development Cooperative, 18216 Harwood, Homewood, Illinois 60430 (\$5.00).

PL DATE - Sep68 149p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*FOLLOWUP STUDIES; \*PROGRAM DESCRIPTIONS; ENROLLMENT PROJECTIONS; PROGRAM COSTS; \*FEASIBILITY STUDIES; PROGRAM PLANNING; COURSES; SECONDARY GRADES

ABSTRACT - To investigate the feasibility of locating a broadly based vocational program among the 14 high school districts served by the Educational Development Cooperative (EDC) of South Cook County, Illinois, data were collected from a followup study of former high school students, a survey of the 1968 senior classes, on-site evaluations of vocational offerings, personal interviews, and other sources. Analyses revealed: (1) Vocational education offerings in EDC schools are grossly inadequate and inappropriate, (2) Since a large number of high school students do not attend college, the emphasis on college preparation is not in the best interests of all students, and (3) A vocational education program will be prohibitively expensive for many of the districts. Developed to meet the needs of students, the proposed plan is a three-level operation involving an administrative unit, vocational satellite centers offering a variety of programs on an inter-school district basis, and vocational centers located adjacent to or in a high school. Cost estimate, enrollment projections, course offerings, and program implementation suggestions are included. (SB)

VT 009 604

Guidelines for Cooperative Education Coordinator.

Alaska State Dept. of Education, Juneau. Div. of Vocational Education.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 54p.

DESCRIPTORS - \*COOPERATIVE EDUCATION; \*COOPERATIVE PROGRAMS; \*GUIDELINES; \*COORDINATORS; GUIDANCE FUNCTIONS; \*PROGRAM ADMINISTRATION; STUDENT RECORDS; TEACHER CERTIFICATION; TEACHER EDUCATION; PROGRAM DEVELOPMENT; ADVISORY COMMITTEES; PUBLIC RELATIONS; PHYSICAL FACILITIES; PROGRAM COORDINATION; PROGRAM EVALUATION; ON THE JOB TRAINING

VT 009 760

Assessing the Economic Scene.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-EPIC SET.

PUB DATE - 69 25p.; Publication based upon the testimony of Secretary of Labor George P. Shultz before the Joint Economic Committee of the U.S. Congress on February 20, 1969.

DESCRIPTORS - \*FEDERAL PROGRAMS; \*OBJECTIVES; \*PUBLIC POLICY; \*UNEMPLOYED; MANPOWER DEVELOPMENT; DISADVANTAGED GROUPS; YOUTH EMPLOYMENT; NEGRO EMPLOYMENT; \*ADULT VOCATIONAL EDUCATION; PROGRAM PLANNING

ABSTRACT - The best solution to the poverty problem and one of our nation's major goals today is to stop inflation without causing significant unemployment. Present manpower policy assumes that this is possible if inflation is reduced gradually, because training programs are being used to supplement traditional monetary and fiscal policy, and because there is a trend toward employment in industries less sensitive to cyclical fluctuations. Manpower programs should be planned within the context of our social goals of: (1) reaching goals with serious employment problems such as Negroes and youth, (2) building needed skills to eliminate bottlenecks, (3) developing better placement services to make the labor market more efficient, and (4) improving unemployment insurance. (BH)

VT 010 072 ED 042 877

GROEMPING, FRANZ A.

TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C.

EDBS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - AUG 69 60P.

DESCRIPTORS - \*COMPARATIVE EDUCATION; \*DEVELOPED NATIONS; \*NATIONAL PROGRAMS; OUT OF SCHOOL YOUTH; SCHOOL ATTENDANCE LAWS; SCHOOL ATTITUDES; \*SECONDARY SCHOOL STUDENTS; \*VOCATIONAL EDUCATION; YOUTH EMPLOYMENT

ABSTRACT - THE 1968 MANPOWER REPORT OF THE PRESIDENT STRESSED THE SERIOUSNESS OF YOUTH UNEMPLOYMENT IN THE UNITED STATES, ESPECIALLY WHEN COMPARED WITH OTHER COUNTRIES. THIS PAPER SURVEYS THE TRANSITION OF TEENAGERS FROM SCHOOL TO WORK IN COUNTRIES ECONOMICALLY AND POLITICALLY SIMILAR TO THE UNITED STATES. ALLOWING FOR DIFFERENCES IN CERTAIN SIGNIFICANT VARIABLES BETWEEN COUNTRIES, THE PAPER COMPARES END RESULTS IN TERMS OF INDICATORS SUCH AS EMPLOYMENT AND DROPOUT RATES, IN ORDER TO DETERMINE WHAT LESSONS CAN BE LEARNED FROM THE EXPERIENCES OF DIFFERENT COUNTRIES. (BH)

VT 010 135

Larson, Milton E.; Crain, William

Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.

Colorado Research Coordinating Unit, Ft. Collins.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun69 27p.

DESCRIPTORS - \*FACULTY RECRUITMENT; \*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; \*PERSONNEL NEEDS; \*NATIONAL SURVEYS; TEACHER EDUCATION; EMPLOYMENT EXPERIENCE; PILOT PROJECTS; ADMINISTRATOR RESPONSIBILITY; \*ADMINISTRATIVE PERSONNEL

ABSTRACT - To aid vocational-technical administrators in staff recruitment practices, data was gathered from a group of states and local districts displaying rapid growth in vocational-technical training. A select group of 12 states were chosen on the basis of their present growth over the 5-year period 1961 to 1966 as indicated in "Vocational Education: The Bridge Between Man and His Work" (available as ED 028 267 or VT 007 877, ARM Winter 1969). One local district was chosen for each state, half of these districts being kindergarten to grade 12 and half community college districts. Two questionnaires were developed, one to be sent to the State Departments of Vocational Education and the other to local districts. Eleven of the 12 questionnaires in each group were returned in time for the report. Some conclusions were: (1) A definite lack of organized recruitment practices for vocational-technical personnel exists, including a lack of inducement to attract persons from business and industry to enter the teaching field, (2) The shortage of qualified vocational-technical teachers does not appear to be great enough to hold back the establishment of new programs nor to cause many programs to



**ABSTRACT** - The cooperative education coordinator considers the cooperative education problems of all the vocational disciplines, including those facing the vocational education staff, school administrators, the local community, business and industry, management, and unions; his role does not supplant that of instructors engaged in cooperative education. The manual consists of two major sections. The first discusses: (1) the challenges of vocational education, (2) the expansion of cooperative education, (3) interrelationship of service areas, (4) the relationship between education and the economy, (5) differentiation between work experience and cooperative education programs, (6) basic elements of cooperative programs in the various service areas and programs which overlap service areas, and (7) common elements of all cooperative education. Basic definitions relevant to cooperative education are presented. The second major section presents guidelines for the cooperative education coordinator in connection with: (1) the coordinator's responsibilities, (2) the guidance and counseling function of the school, (3) development of student personnel records, (4) qualifications of the teacher-coordinator, (5) preparation and certification of the teacher-coordinator, (6) initiation of a cooperative program, (7) school policies relevant to cooperative education, (8) advisory committees, (9) public relations, (10) teaching facilities, (11) in-school instruction, (12) on-the-job instruction, (13) evaluation, and (14) legal responsibilities. (JK)

VT 009 642 ED 042 876

APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - 69 52P.

**DESCRIPTORS** - \*EXTENDED SCHOOL YEAR; \*PILOT PROJECTS; PROGRAM EVALUATION; STUDENT RECORDS; STUDENTS; \*VOCATIONAL EDUCATION; \*VOCATIONAL TRAINING CENTERS

**ABSTRACT** - AMONG THE REASONS WHICH CAN BE CITED FOR THE FAILURE OF STUDENTS TO PURSUE AN OCCUPATIONAL COURSE OF STUDY ARE A LACK OF AVAILABLE SCHOOL TIME, A CONFLICT WITH EXTRACURRICULAR ACTIVITIES, REQUIRED CREDITS FOR GRADUATION, AND PARENTAL ATTITUDE TOWARD OCCUPATIONAL EDUCATION. IN AN EFFORT TO SKIRT THESE CONFLICTS THREE COUNTIES WERE SELECTED TO PILOT TEST A PROGRAM THAT INVOLVED EXTENDING THE SCHOOL YEAR. THE MAJOR PURPOSES OF THIS EFFORT WERE TO PROVIDE VOCATIONAL TRAINING AS PART OF THE REGULAR SCHOOL PROGRAM AND TO ASSESS THE VALUE OF OPERATING THE OCCUPATIONAL CENTER DURING THE SUMMER MONTHS. THE PROGRAM WAS RUN AND PROVIDED DATA TO SUPPORT THE CONCLUSIONS THAT: (1) A QUALITY PROGRAM COULD BE MADE AVAILABLE TO ALL STUDENTS, (2) APPROXIMATELY 22 PERCENT MORE STUDENTS COULD BE SERVED BY THE AREA OCCUPATIONAL CENTER, (3) TOTAL USE OF EQUIPMENT AND FACILITY FOR 12 MONTHS ALLOWS A GREATER NUMBER OF STUDENTS TO USE THE EQUIPMENT FOR A LONGER PERIOD OF TIME, AND (4) STUDENT TUITION COULD OFFSET THE ADDED EXPENDITURE OF THE EXTENDED SCHOOL YEAR. AMONG THE RECOMMENDATIONS WERE THAT STUDENT RECRUITMENT TIME BE EXTENDED AND THAT STUDENT ACHIEVEMENT RECORDS BE AVAILABLE TO COUNSELORS AND TEACHERS. TOPICAL OUTLINES, FINANCIAL DATA, AND SUGGESTED SCHEDULING FORMATS ARE INCLUDED IN THE DOCUMENT. (JS)

VT 009 759

Approval Criteria for Area Secondary Vocational Centers in Illinois. Bulletin No. 214.

Illinois State Board of Vocational Education and Rehabilitation, Springfield. Div. of Vocational and Technical Education.

MF AVAILABLE IN VT-ERIC SET.

Illinois State Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education, 405 Centennial Building, Springfield, Illinois 62706.

PUB DATE - Jul68 15p.

**DESCRIPTORS** - \*VOCATIONAL EDUCATION; \*GUIDELINES; STANDARDS; \*AREA VOCATIONAL SCHOOLS; ADMINISTRATIVE ORGANIZATION; \*STATE PROGRAMS; \*PROGRAM DEVELOPMENT; STATE BOARDS OF EDUCATION; EVALUATION CRITERIA; EDUCATIONAL FACILITIES  
**IDENTIFIERS** - ILLINOIS

**ABSTRACT** - The criteria, providing guidelines for consideration by local districts in developing and operating area vocational programs, serve as a basis for State staff decisions and recommendations to the Board of Vocational Education and Rehabilitation for approval of area vocational centers. Included are: (1) a 2-phase procedure for area center approval, including planning and implementation, (2) criteria for area vocational center approval listed under potential of the area to support a center, vocational program to meet the needs of the area, facilities for successful center operation, and administrative organization, (3) continued approval of existing centers and approval of applications received prior to adoption of criteria, and (4) approval of future area vocational center concepts. (GR)

VT 009 760

Assessing the Economic Scene.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-EPIC SET.

PUB DATE - 69 25p.; Publication based upon the testimony of Secretary of Labor George P. Shultz before the Joint Economic Committee of the U.S. Congress on February 20, 1969.

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ABSTRACT - The best solution to the poverty problem and one of our nation's major goals today is to stop inflation without causing significant unemployment. Present manpower policy assumes that this is possible if inflation is reduced gradually, because training programs are being used to supplement traditional monetary and fiscal policy, and because there is a trend toward employment in industries less sensitive to cyclical fluctuations. Manpower programs should be planned within the context of our social goals of: (1) reaching goals with serious employment problems such as Negroes and youth, (2) building needed skills to eliminate bottlenecks, (3) developing better placement services to make the labor market more efficient, and (4) improving unemployment insurance. (BH)

VT 010 072

ED 042 877

GROEMING, FRANZ A.

TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - AUG 69 60P.

DESCRIPTORS - \*COMPARATIVE EDUCATION; \*DEVELOPED NATIONS; \*NATIONAL PROGRAMS; OUT OF SCHOOL YOUTH; SCHOOL ATTENDANCE LAWS; SCHOOL ATTITUDES; \*SECONDARY SCHOOL STUDENTS; \*VOCATIONAL EDUCATION; YOUTH EMPLOYMENT

ABSTRACT - THE 1968 MANPOWER REPORT OF THE PRESIDENT STRESSED THE SERIOUSNESS OF YOUTH UNEMPLOYMENT IN THE UNITED STATES, ESPECIALLY WHEN COMPARED WITH OTHER COUNTRIES. THIS PAPER SURVEYS THE TRANSITION OF TEENAGERS FROM SCHOOL TO WORK IN COUNTRIES ECONOMICALLY AND POLITICALLY SIMILAR TO THE UNITED STATES. ALLOWING FOR DIFFERENCES IN CERTAIN SIGNIFICANT VARIABLES BETWEEN COUNTRIES, THE PAPER COMPARES END RESULTS IN TERMS OF INDICATORS SUCH AS EMPLOYMENT AND DROPOUT RATES, IN ORDER TO DETERMINE WHAT LESSONS CAN BE LEARNED FROM THE EXPERIENCES OF DIFFERENT COUNTRIES. (BH)

VT 010 135

Larson, Milton E.; Crain, William

Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.

Colorado Research Coordinating Unit, Ft. Collins.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun69 27p.

DESCRIPTORS - \*FACULTY RECRUITMENT; \*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; \*PERSONNEL NEEDS; \*NATIONAL SURVEYS; TEACHER EDUCATION; EMPLOYMENT EXPERIENCE; PILOT PROJECTS; ADMINISTRATOR RESPONSIBILITY; \*ADMINISTRATIVE PERSONNEL

ABSTRACT - To aid vocational-technical administrators in staff recruitment practices, data was gathered from a group of states and local districts displaying rapid growth in vocational-technical training. A select group of 12 states were chosen on the basis of their present growth over the 5-year period 1961 to 1966 as indicated in "Vocational Education: The Bridge Between Man and His Work" (available as ED 028 267 or VT 007 877, ARM Winter 1969). One local district was chosen for each state, half of these districts being kindergarten to grade 12 and half community college districts. Two questionnaires were developed, one to be sent to the State Departments of Vocational Education and the other to local districts. Eleven of the 12 questionnaires in each group were returned in time for the report. Some conclusions were: (1) A definite lack of organized recruitment practices for vocational-technical personnel exists, including a lack of inducement to attract persons from business and industry to enter the teaching field, (2) The shortage of qualified vocational-technical teachers does not appear to be great enough to hold back the establishment of new programs nor to cause many programs to

operate in an understaffed capacity, (3) Printed material appears to be the most successful type of media used for recruiting vocational-technical personnel, and (4) Business and industry were the most popular sources for recruiting vocational-technical personnel. (JK)

VT 010 136

Programs for Career Opportunities in Child Development.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Oct69 11p.

DESCRIPTORS - \*OCCUPATIONAL HOME ECONOMICS; ADULT EDUCATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION; \*CAREER OPPORTUNITIES; \*PROGRAM DESCRIPTIONS; EDUCATIONAL FACILITIES; \*CHILD CARE OCCUPATIONS; SUCCESS FACTORS; PARENT EDUCATION; FINANCIAL SUPPORT; SERVICE OCCUPATIONS; ADVISORY COMMITTEES

ABSTRACT - To prepare students for child care occupations and to provide parent education, the public schools of Atlanta, Georgia, offer six 2-year secondary child development occupational programs, one 2-year postsecondary program, and several short-term adult education courses. The 2-year curriculum provides for class and laboratory experiences and includes courses in child care and guidance as well as related and general education courses. Coordinating the three-phase program is a child development specialist. Under her are the adult education teachers, who are part-time professional teachers with occupational experience in the child care field, and the high school and postsecondary teachers, who are certified home economics teachers with special preparation and experience in child care. Facilities include well-equipped child development laboratories, classrooms, and public and private day care centers and nursery schools. The Vocational Education Act is the primary source of funds, with additional funds coming from the Atlanta public schools and private agencies. The major success factor is that the program was established in relation to an expressed need. An active, functioning advisory committee also contributes to its success. (SB)

VT 010 241

National Policy of Apprenticeship for Machinist (Automatic Screw-Machines); A Guide for the Screw Machine Products Industry.

National Screw Machine Products Association, Cleveland, Ohio.

Manpower Administration (DOL), Washington, D.C. Bureau of Apprenticeship and Training

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L23.2:M18/5, \$.20).

PUB DATE - 69 25p.

DESCRIPTORS - \*APPRENTICESHIPS; \*TRADE AND INDUSTRIAL EDUCATION; INPLANT PROGRAMS; INDUSTRIAL TRAINING; \*NATIONAL ORGANIZATIONS; NATIONAL PROGRAMS; \*ADMINISTRATIVE POLICY; \*MACHINE TOOL OPERATORS

IDENTIFIERS - \*NATIONAL SCREW MACHINE PRODUCTS ASSOCIATION

ABSTRACT - A recommended National policy of apprenticeship for machinists (automatic screw-machine) provides guidelines for establishing local programs of systematic and sound training for apprentices. Contents include: (1) Definitions, (2) Qualifications and Selection for Apprenticeship, (3) Term of Apprenticeship, (4) Probationary Period, (5) Work Processes, (6) Wages, (7) Credit for Previous Experience, (8) Hours of Work for Apprentices, (9) Related Information, (10) Examination of Apprentices, (11) Ratio, (12) Apprenticeship Agreement, (13) Supervision of Apprentices, (14) Certificate of Completion of Apprenticeship, (15) Official Approval, (16) Modification of National Policy, (17) Joint Apprenticeship Committee, and (18) Duties of the Joint Apprenticeship Committee. Various related forms, recommended assignments, and lists of Regional Apprenticeship Offices and State Apprenticeship Agencies are appended. (GP)

VT 010 323 ED 042 881

A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).

SAINT LOUIS BOARD OF EDUCATION, MO.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$6.58

PUB DATE - OCT 69 119P.

DESCRIPTORS - CURRICULUM DEVELOPMENT; \*EDUCATIONAL OPPORTUNITIES; \*INTEGRATED



CURRICULUM; \*PROGRAM IMPROVEMENT; SECONDARY EDUCATION; \*SURVEYS; TECHNICAL EDUCATION;  
 \*VOCATIONAL EDUCATION  
 IDENTIFIERS - \*ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - THE ST. LOUIS BOARD OF EDUCATION FOUND THAT TOO FEW STUDENTS WERE WILLING TO TRANSFER TO THE CENTRALLY LOCATED O'FALLON TECHNICAL HIGH SCHOOL BECAUSE OF TIES WITH NEIGHBORHOOD SCHOOLS AND BECAUSE OF THE HIGH PERCENTAGE OF NEGRO STUDENTS ATTENDING O'FALLON. TO SOLVE THESE PROBLEMS THE BOARD RECEIVED A 3-YEAR TITLE III GRANT TO INSTITUTE A NEW APPROACH WHEREBY STUDENTS DIVIDED THEIR TIME EQUALLY BETWEEN THEIR NEIGHBORHOOD SCHOOL AND O'FALLON, AND A RACIAL BALANCE WAS ESTABLISHED AND MAINTAINED AMONG FRESHMEN ENTERING THE PROGRAM. STUDENTS OF ALL ABILITY LEVELS WERE RECRUITED, COURSE OFFERINGS WERE DIVERSIFIED, AND SPECIAL EMPHASIS WAS PLACED ON PROMOTING VOCATIONAL EDUCATION AT O'FALLON. BASED ON QUESTIONNAIRE AND ENROLLMENT DATA GATHERED TO SUMMARIZE AND EVALUATE THE NEW PROGRAM'S FIRST YEAR IT WAS FOUND THAT PROGRESS HAD BEEN MADE TOWARD ACHIEVING A BALANCED STUDENT POPULATION BASED ON RACE, CULTURE, AND ABILITY. IT WAS ALSO FOUND THAT WHILE SOME PROGRESS HAD BEEN MADE IN THE AREA OF VOCATIONAL GUIDANCE MUCH MORE NEEDED TO BE DONE. (JS)

VT 010 650 ED 042 887

GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.

FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29

BULLETIN-79L-3

PUB DATE - AUG 69 13P.

DESCRIPTORS - ADMINISTRATOR GUIDES; EDUCATIONAL FACILITIES; \*ELECTRICAL OCCUPATIONS; \*ELECTROMECHANICAL TECHNOLOGY; \*HIGH SCHOOL CURRICULUM; \*STATE STANDARDS; \*TECHNICAL EDUCATION

ABSTRACT - EDUCATORS AND INDUSTRIAL REPRESENTATIVES DEVELOPED THESE GUIDELINES FOR SCHOOL OFFICIALS, INSTRUCTORS IN TECHNICAL EDUCATION, AND PROGRAM AND FACILITY PLANNERS TO USE IN PLANNING A HIGH SCHOOL PROGRAM IN TECHNICAL ELECTROMECHANICS. DESIGNED TO TRAIN STUDENTS FOR ENTRY INTO INDUSTRY IN APPLIED ELECTROMECHANICS, THE PROGRAM INCLUDES ELECTRICITY, BASIC ELECTRONICS, FUNDAMENTALS OF MECHANISMS AND APPROPRIATE GENERAL EDUCATION SUBJECTS. SUGGESTIONS ARE GIVEN FOR ORGANIZATION AND ADMINISTRATION AND FOR PHYSICAL FACILITIES AND EQUIPMENT. THE PROGRAM IS OUTLINED FOR GRADES 10-12, WITH COURSE DESCRIPTIONS OF THE TECHNICAL ELECTROMECHANICS COURSES. A JOB DESCRIPTION OF THE ELECTROMECHANICAL TECHNICAL AIDE IS INCLUDED. (DM)

VT 010 652

National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.

Manpower Administration (DOL), Washington, D.C. Bureau of Apprenticeship and Training. MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan 69 33p.

DESCRIPTORS - \*APPRENTICESHIPS; \*TRADE AND INDUSTRIAL EDUCATION; BUILDING TRADES; JOB TRAINING; \*LABOR STANDARDS; LABOR LAWS; MASONRY; CONSTRUCTION (PROCESS); ASPHALTS; \*NATIONAL ORGANIZATIONS; \*BUILDING MATERIALS  
 IDENTIFIERS - \*NATIONAL APPRENTICESHIP AND TRAINING STANDARDS

ABSTRACT - The revised national standards of cement mason apprenticeship programs, as found in this guide, were formulated with the assistance of the Bureau of Apprenticeship and Training for the purpose of providing a uniform outline of the training methods and practices. The six part guide includes: (1) General Provisions, (2) Joint Training Funds, (3) Federal Laws and Regulations Affecting Employment of Apprentices, (4) Work Experience and Training, (5) Sources of Related Instruction Materials, and (6) Apprenticeship Recordkeeping. A list of the State Apprenticeship Agencies and Regional Offices, Bureau of Apprenticeship and Training are appended. (GR)

VT 010 694

Training and Technology; TAT Industrial Conference Proceedings (Oak Ridge, Tenn., March 27-28, 1968).

Oak Ridge Associated Universities, Tenn.  
 Tennessee Univ., Knoxville.

Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
 Office of Education (DHEW), Washington, D.C.

Department of Labor, Washington, D.C.  
Atomic Energy Commission, Oak Ridge, Tenn.  
MF AVAILABLE IN VT-ERIC SET.  
FD-50  
PUB DATE - 8May68 25p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*DEMONSTRATION PROJECTS; \*TECHNICAL EDUCATION;  
\*ADULT VOCATIONAL EDUCATION; \*UNEMPLOYED  
IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT; \*TRAINING AND TECHNOLOGY INDUSTRIAL  
CONFERENCE, MARCH 27-28, 1968, OAK RIDGE, TENNESSEE

ABSTRACT - Seventy-seven persons attended a conference on the Training and Technology Project (TAT), on March 27-28, 1968 in Oak Ridge, Tennessee. Atomic Energy Commission contractors and other industrial and government representatives were given extensive information on the TAT project which trained the unemployed and underemployed for jobs as subprofessionals in technical fields. Excerpts from the opening address by S.R. Sapirie and from speeches by other participants about training needs and the Tennessee economy are included in the report. The conference program and a list of the participants and their organizations are appended. (BC)

VT 010 698

Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).

Oak Ridge Associated Universities, Tenn.  
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
Tennessee Univ., Knoxville.  
Office of Education (DHEW), Washington, D.C.  
Department of Labor, Washington, D.C.  
Atomic Energy Commission, Oak Ridge, Tenn.  
MF AVAILABLE IN VT-ERIC SET.  
FD-25  
PUB DATE - 30Mar67 26p.

DESCRIPTORS - \*RECRUITMENT; \*TRAINEES; \*DEMONSTRATION PROJECTS; \*SELECTION; \*ADULT  
VOCATIONAL EDUCATION; TABLES (DATA); WELDERS  
IDENTIFIERS - \*TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The recruitment and selection process is described for a technical training program at the Atomic Energy Commission Oak Ridge Plant. A total of 1,200 applications were received through Youth Opportunity Centers and the Tennessee Department of Employment Security. The selection requirements were that the applicant have a high school diploma or an equivalency certificate and have some related experience in the skill areas. Around 170 trainees were selected of which 161 were men. The mean score of the trainees on the General Aptitude Test Battery was 107. Fifty-seven percent were economically disadvantaged when they applied, 25 were Negroes, and 144 had 1 year or more of paid employment. A recruitment flow chart is appended and a supplement on recruitment of welding trainees is included. A report on the worker training curriculum for the program is available as VT 010 740 (also in this issue). (BC)

VT 010 699

Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.

Oak Ridge Associated Universities, Tenn.  
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
Tennessee Univ., Knoxville.  
Department of Labor, Washington, D.C.  
Office of Education (DHEW), Washington, D.C.  
Atomic Energy Commission, Oak Ridge, Tenn.  
MF AVAILABLE IN VT-ERIC SET.  
SP-19  
PUB DATE - 18Sep67 23p.

DESCRIPTORS - \*DEMONSTRATION PROJECTS; \*ADULT VOCATIONAL EDUCATION; \*SUBPROFESSIONALS;  
TABLES (DATA); \*TECHNICAL EDUCATION; TRAINING; \*JOB PLACEMENT; PROGRAM DEVELOPMENT;  
RECRUITMENT; STATISTICAL ANALYSIS  
IDENTIFIERS - \*TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Industrial Skill and Technical Training Program was established to find ways to utilize industrial resources in training workers as subprofessionals, working together with educational institutions, governmental agencies, and labor unions. A total of 181 persons completed courses in six skill and technical fields during the



first 52-week training period. The technical training was in welding, mechanical technology and drafting, physical testing technology, glass fabrication, machining, and industrial electronics. Graduates of the program received 350 employment offers. Of the 118 trainees who accepted employment, there was an average annual increase of \$3,600 in wages compared to the wages received prior to training. (BC)

VT 010 701

Training and Technology; Proceedings of Vocational Education and Industry Conference (Oak Ridge, Tenn., July 11-12, 1967).

Oak Ridge Associated Universities, Tenn.  
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
Tennessee Univ., Knoxville.  
Office of Education (DHEW), Washington, D.C.  
Department of Labor, Washington, D.C.  
Atomic Energy Commission, Oak Ridge, Tenn.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 4Aug67 14p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*VOCATIONAL EDUCATION; \*COOPERATIVE PROGRAMS;  
\*INDUSTRY; \*LABOR UNIONS  
IDENTIFIERS - \*VOCATIONAL EDUCATION AND INDUSTRY CONFERENCE, JULY 11-12, 1967, OAK  
RIDGE, TENNESSEE

ABSTRACT - One hundred representatives from vocational education, industry, labor attended the Vocational Education and Industry Conference to discuss how the three groups could cooperate in providing realistic vocational training and to examine the Training and Technology Project (TAT), a cooperative project at the Atomic Energy Commission Plant at Oak Ridge, Tennessee. The participants concluded that industry needed workers who were thoroughly grounded in technical and academic subjects and that specialized skill training for a particular industry was best performed by the industry itself. Instruction should also be applicable to the current state of technology and to existing jobs. In addition vocational education should promote a public relations program to develop a better image. (BC)

VT 010 914

Whiting, Basil J.  
Developing Our Wasted Human Resources.

Ford Foundation, New York, N.Y.  
MF AVAILABLE IN VT-ERIC SET.  
Ford Foundation, Office of Reports, 320 East 43rd Street, New York, New York 10017.  
PUB DATE - Jun69 23p.; Address delivered at the Annual Summer Manpower Research Inst. (3rd, Iowa State Univ., Ames, June 2-6, 1969).

DESCRIPTORS - \*MANPOWER DEVELOPMENT; \*FOUNDATION PROGRAMS; PRIVATE FINANCIAL SUPPORT;  
\*VOCATIONAL EDUCATION; CURRICULUM DEVELOPMENT; \*EDUCATIONALLY DISADVANTAGED; ADULT  
VOCATIONAL EDUCATION; FEDERAL PROGRAMS; \*PROGRAM DEVELOPMENT; URBAN SLUMS; PROGRAM  
IMPROVEMENT

ABSTRACT - As the problems of the cities have worsened in recent years and racial tensions have increased, foundations have become increasingly involved with social and human resource problems. This booklet discusses the Ford Foundation's grants for manpower and vocational education programs from 1965 through early 1969. (SH)

VT 010 935

Directions '70, Summary of A Vocational Education Leadership Conference (Sacramento, Calif., Nov. 20-21, 1969).

California State Dept. of Education, Sacramento. Vocational Education Section  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 16p.

DESCRIPTORS - \*CONFERENCE REPORTS; SPEECHES; \*LEADERSHIP; \*VOCATIONAL EDUCATION;  
\*PROGRAM ADMINISTRATION; PROGRAM EVALUATION; PROGRAM PLANNING; RESEARCH COORDINATING  
UNITS; DISADVANTAGED GROUPS; HANDICAPPED; STATE LEGISLATION; VOCATIONAL EDUCATION  
TEACHERS; COMMUNITY COLLEGES; EDUCATIONAL PROGRAMS; RESEARCH PROJECTS  
IDENTIFIERS - \*VOCATIONAL EDUCATION LEADERSHIP CONFERENCE, SACRAMENTO, CALIFORNIA,  
NOVEMBER 20-21, 1969

ABSTRACT - In this summary of the proceedings of the vocational education leadership conference in Sacramento, California, topics discussed were: (1) state of the state for

1969, by W.P. Smith, (2) an analysis of components of an occupational program, by A.W. Smith, Jr., (3) purposes of the Research Coordinating Unit, by R.F. Barnes, (4) a proposed project on professional development, by D. Allen, (5) staffing and functions of the Program Design Unit, by E.D. Graf, (6) Assembly Bill 1820, by B. Greene, and (7) summary of the conference, by J.L. Goldsmith. Group sessions were held to: (1) identify and plan programs for disadvantaged students, (2) make program recommendations for handicapped persons, (3) explain selected parts of P.L. 90-576, (4) review the reporting system for fiscal 1969-70, (5) discuss needs and problems of high school vocational education leaders, (6) voice concerns of community college directors, and (7) describe the status of state regional occupation programs and centers. (SB)

VT 010 952

Wendt, A. David  
A Principle in Time.

MF AVAILABLE IN VT-ERIC SET.

Society National Bank, 127 Public Square, Cleveland, Ohio 44114.

PUB DATE - 29Dec69 13p.; Speech presented at North-Central Business Education Association Annual Convention (December 29, 1969).

DESCRIPTORS - \*VOCATIONAL EDUCATION; SPEECHES; SCHOOL INDUSTRY RELATIONSHIP; EDUCATIONAL OBJECTIVES; \*EDUCATIONAL PROGRAMS; \*EDUCATIONAL CHANGE; EMPLOYMENT STATISTICS; \*JOB SKILLS; \*MANPOWER NEEDS

ABSTRACT - The number of jobs not being filled each year is increasing as is the number of students graduating each year without marketable skills. Statistics reveal that many more students are in high school academic programs than actually go on to get a college degree, indicating that the majority of students need a balanced program of both vocational training and academic subjects. Students should be able to enter the labor market upon graduation from high school regardless of whether they are collegebound or workbound. To insure that a balanced program of education evolves, the world of work and the academic community must work together and place less emphasis on the college degree. (JS)

VT 010 983

Southeast Asian Regional Seminar on Manpower Development and Educational Planning. Final Report. (Bangkok (Thailand), September 4-9, 1967).

SEAMES (Thailand).

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep67 208p.

DESCRIPTORS - \*RURAL DEVELOPMENT; \*EDUCATIONAL PLANNING; \*MANPOWER DEVELOPMENT; FOREIGN COUNTRIES; \*NATIONAL PROGRAMS; \*ILLITERATE ADULTS; INTERNATIONAL PROGRAMS; INTERNATIONAL ORGANIZATIONS; VOCATIONAL EDUCATION  
IDENTIFIERS - \*SOUTHEAST ASIA

ABSTRACT - The main theme of this seminar was educational planning for rural development in Southeast Asia. Using progress reports, talks, discussions, and a panel meeting, the participants sought to review the progress made by the participating countries in the planning of rural development, to discuss specific problems in educational planning within the context of rural development, and to study the establishment of the necessary machinery for regional cooperation in human resources development. The conferees agreed that although approaches to rural development differed greatly between the participating countries, their problems were quite similar. Several recommendations were made for increased interregional cooperation. (BH)

VT 010 987

Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun68 85p.

DESCRIPTORS - \*SEMINARS; \*CONFERENCE REPORTS; \*FOREIGN COUNTRIES; TECHNICAL EDUCATION; INDUSTRY; GOVERNMENT ROLE; \*EDUCATIONAL PROGRAMS  
IDENTIFIERS - \*IRAN

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives

1969, by W.P. Smith, (2) an analysis of components of an occupational program, by A.W. Smith, Jr., (3) purposes of the Research Coordinating Unit, by R.F. Barnes, (4) a proposed project on professional development, by D. Allen, (5) staffing and functions of the Program Design Unit, by E.D. Graf, (6) Assembly Bill 1820, by B. Greene, and (7) summary of the conference, by J.L. Goldsmith. Group sessions were held to: (1) identify and plan programs for disadvantaged students, (2) make program recommendations for handicapped persons, (3) explain selected parts of P.L. 90-576, (4) review the reporting system for fiscal 1969-70, (5) discuss needs and problems of high school vocational education leaders, (6) voice concerns of community college directors, and (7) describe the status of state regional occupation programs and centers. (SB)

VT 010 952

Wendt, A. David

A Principle in Time.

MF AVAILABLE IN VT-ERIC SET.

Society National Bank, 127 Public Square, Cleveland, Ohio 44114.

PUB DATE - 29Dec69 13p.; Speech presented at North-Central Business Education Association Annual Convention (December 29, 1969).

DESCRIPTORS - \*VOCATIONAL EDUCATION; SPEECHES; SCHOOL INDUSTRY RELATIONSHIP; EDUCATIONAL OBJECTIVES; \*EDUCATIONAL PROGRAMS; \*EDUCATIONAL CHANGE; EMPLOYMENT STATISTICS; \*JOB SKILLS; \*MANPOWER NEEDS

ABSTRACT - The number of jobs not being filled each year is increasing as is the number of students graduating each year without marketable skills. Statistics reveal that many more students are in high school academic programs than actually go on to get a college degree, indicating that the majority of students need a balanced program of both vocational training and academic subjects. Students should be able to enter the labor market upon graduation from high school regardless of whether they are collegebound or workbound. To insure that a balanced program of education evolves, the world of work and the academic community must work together and place less emphasis on the college degree. (JS)

VT 010 983

Southeast Asian Regional Seminar on Manpower Development and Educational Planning. Final Report. (Bangkok (Thailand), September 4-9, 1967).

SEAMES (Thailand).

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep67 208p.

DESCRIPTORS - \*RURAL DEVELOPMENT; \*EDUCATIONAL PLANNING; \*MANPOWER DEVELOPMENT; FOREIGN COUNTRIES; \*NATIONAL PROGRAMS; \*ILLITERATE ADULTS; INTERNATIONAL PROGRAMS; INTERNATIONAL ORGANIZATIONS; VOCATIONAL EDUCATION  
IDENTIFIERS - \*SOUTHEAST ASIA

ABSTRACT - The main theme of this seminar was educational planning for rural development in Southeast Asia. Using progress reports, talks, discussions, and a panel meeting, the participants sought to review the progress made by the participating countries in the planning of rural development, to discuss specific problems in educational planning within the context of rural development, and to study the establishment of the necessary machinery for regional cooperation in human resources development. The conferees agreed that although approaches to rural development differed greatly between the participating countries, their problems were quite similar. Several recommendations were made for increased interregional cooperation. (BH)

VT 010 987

Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun68 85p.

DESCRIPTORS - \*SEMINARS; \*CONFERENCE REPORTS; \*FOREIGN COUNTRIES; TECHNICAL EDUCATION; INDUSTRY; GOVERNMENT ROLE; \*EDUCATIONAL PROGRAMS  
IDENTIFIERS - \*IRAN

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives



of government, education, and industry of Teheran, Iran, is the major focus of this document. The main objectives of the seminar were: (1) to provide a forum for a free and friendly exchange of ideas, (2) to explore approaches to effect greater coordination and cooperation between agencies, (3) to isolate and highlight the problems that arise in technical and vocational education and training, and (4) to seek the cooperation of national and international agencies in Iran. The three working papers presented to the 58 participants who were in the technician or middle level training groups, are given along with the summary record of each discussion group. (Not recommended for hard copy reproduction due to marginal print quality of original document.) (GR)

VT 010 988

Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Nov67 94p.

DESCRIPTORS - \*SEMINARS; \*CONFERENCE REPORTS; INDUSTRY; TECHNICAL EDUCATION; \*FOREIGN COUNTRIES; GOVERNMENT ROLE; \*EDUCATIONAL PROGRAMS  
IDENTIFIERS - \*SINGAPORE

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives of government, education, and industry of Singapore, is the major focus of this document. The main objectives of the seminar were: (1) to provide a forum for a free and friendly exchange of ideas, (2) to explore approaches to effect greater coordination and cooperation between agencies, (3) to isolate and highlight the problems that arise in technical and vocational education and training, and (4) to seek the cooperation of national and international agencies in Singapore. Two working papers presented to the 46 participants and 24 observers are given along with a final statement. (Not recommended for hard copy reproduction due to marginal print quality of original document.) (GR)

VT 010 990

Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Oct65 106p.

DESCRIPTORS - \*SEMINARS; \*CONFERENCE REPORTS; TECHNICAL EDUCATION; INDUSTRY; \*FOREIGN COUNTRIES; GOVERNMENT ROLE; \*EDUCATIONAL PROGRAMS  
IDENTIFIERS - \*THAILAND

ABSTRACT - A summary record of proceedings of a seminar, designed to set up effective machinery to help develop and maintain close tripartite contact between representatives of government, education, and industry of Bangkok, Thailand, is the major focus of this document. The main objectives of the seminar were: (1) to provide a forum for a free and friendly exchange of ideas, (2) to explore approaches to effect greater coordination and cooperation between agencies, (3) to isolate and highlight the problems that arise in technical and vocational education and training, and (4) to seek the cooperation of national and international agencies in Thailand. The seminar was limited to the fields of industry and engineering with 100 participants. The background paper along with the summary record of each discussion group is given. (Not recommended for hard copy reproduction due to marginal print quality of original document.) (GR)

VT 010 994 ED 043 730

LEE, ARTHUR M.

TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.

AMERICAN VOCATIONAL EDUCATION RESEARCH ASSOCIATION, WASHINGTON, D. C.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - MAR 70 16p.

DESCRIPTORS - \*BUDGETING; EDUCATIONAL FINANCE; \*EDUCATIONAL RESEARCH; \*FEDERAL AID; \*VOCATIONAL EDUCATION

ABSTRACT - THE PRESENT LEVEL OF FEDERAL SPENDING FOR SECONDARY VOCATIONAL STUDENTS IS

ROUGHLY \$100 MILLION. HOWEVER, IN ORDER TO ACHIEVE VOCATIONAL EDUCATION'S GOALS REQUIRING A DOUBLING OF ENROLLMENT IN THE EARLY 1970'S, ANOTHER \$100 MILLION IS NEEDED IN FEDERAL FUNDS. THIS IS ONLY \$25 PER STUDENT, COMPARED TO \$1,500 SPENT FOR EACH RETRAINED DROPOUT. THESE ADDITIONAL FUNDS WOULD BE USED MOST EFFICIENTLY IF RESEARCH FUNDS WERE APPROPRIATED RATHER THAN BEING PUT IN AS A LINE ITEM. THE RISKS INVOLVED IN RESEARCH ARE PREFERABLE TO THE CERTAIN WASTE OF MISGUIDED PLANNING. (BH)

VT 011 011

Citizenship Training for Vocational-Technical Education Students in Secondary Schools.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Mar66 14p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM CONTENT; SCHOOL ACTIVITIES; TEACHING; \*CITIZENSHIP RESPONSIBILITY; \*CIVIL LIBERTIES; GENERAL EDUCATION; \*STUDENT PARTICIPATION; SECONDARY SCHOOLS; SOCIAL CHANGE

ABSTRACT - In addition to general education requirements such as social studies and history, vocational programs also can instill understanding of civil liberties and citizen responsibilities through: (1) committee organization of the shop, classroom, and laboratory, (2) management teams to maintain and control inventories, and (3) management and operation of a school store. Vocational students are taught the dignity of labor and respect for public and private property and many have the opportunity to work toward effecting social change within the school through identifying problems, proposing solutions, and putting a plan into operation. (JS)

VT 011 017

Survey of Federal Aviation Agency Approved Mechanic School Programs.

Pittsburgh Inst. of Aeronautics, Pa.

MF AVAILABLE IN VT-ERIC SET.

Pittsburgh Institute of Aeronautics, Box 10897, Pittsburgh, Pennsylvania 15236.

PUB DATE - 70 42p.

DESCRIPTORS - \*NATIONAL SURVEYS; SCHOOL SURVEYS; TRADE AND INDUSTRIAL EDUCATION; QUESTIONNAIRES; \*AVIATION MECHANICS; \*TECHNICAL EDUCATION; \*FEDERAL PROGRAMS  
IDENTIFIERS - FEDERAL AVIATION AGENCY

ABSTRACT - Information included in this survey was concluded from 94 (83 percent) Federal Aviation Administration (FAA) Approved Mechanic School Programs within the United States. The two-fold purpose of the survey was to supply information to administrators and to the aviation industry in general, and to provide information which may result in a closer working relationship among the schools offering aviation maintenance training. Major topics presented in table form are: (1) Enrollment--degrees offered, enrollment periods, and number of students, (2) Facilities--instructors, aircraft, and program requirements, and (3) Financial information--registration fee, room and board cost, and total hours and months required. An index of institutions, statement of conclusion, FAA Certified Mechanic School Directory, By-laws of the Aviation Technician Education Council, and a copy of the 1969 Survey Form are included. (GR)

VT 011 018

Neal, C.E., Comp.

High School Aviation Aerospace Education Status Report.

Sanderson Films, Inc., Wichita, Kans. Aviation Visual Aids.

MF AVAILABLE IN VT-ERIC SET.

Sanderson-Times Mirror, 8065 East 40th Avenue, Denver, Colorado 80207 (no charge).

PUB DATE - 69 37p.

DESCRIPTORS - \*SCHOOL SURVEYS; EDUCATIONAL RESEARCH; \*PROGRAM EVALUATION; \*HIGH SCHOOLS; \*AVIATION TECHNOLOGY; \*AEROSPACE TECHNOLOGY; EDUCATIONAL PROGRAMS; TEACHER CHARACTERISTICS; COURSE CONTENT; EDUCATIONAL PROBLEMS

ABSTRACT - To determine the status of aviation/aerospace education, questionnaires were mailed to every public and private high school in the United States that could be identified as conducting some form of aviation or aerospace education. A response from 222 schools, or approximately 45-50 percent of existing programs, revealed these major findings: (1) Of the programs reported, 95 percent represent tax-supported, public high schools, (2) Of the schools responding, 93 percent are general academic institutions

and 7 percent are vocational-technical high schools, (3) Degrees held by the high school teachers include 57 percent with master's, 44 percent with bachelor's, and one percent with doctorates, but 3 percent do not possess a college degree, (4) Courses are offered predominantly to the upper grade levels, and a number of schools have minimum age, grade, prerequisite courses, and individual permission requirements, (5) In terms of course content, 36 percent of the teachers describe their program as a ground school, 41 percent as a general aviation course, and 16 percent as a combination, and (6) The major problem in the operation of these programs is money. Additional comments concerning the program and the study questionnaire are included. (SB)

VT 011 077

Health Manpower Annual Conference (Fourth, San Diego, California, October 3-4, 1969).

Health Manpower Council of Calif., Orinda.

MF AVAILABLE IN VT-ERIC SET.

Health Manpower Council of California, No. 1 Camino Sobrante, Orinda, California 94563 (\$3.00).

PUB DATE - Oct69 72p.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*CONFERENCE REPORTS; EDUCATIONAL PROBLEMS; STUDENT PROBLEMS; PROGRAM PLANNING; CERTIFICATION; DATA COLLECTION; RECRUITMENT; MENTAL HEALTH; \*PROBLEM SOLVING; \*PROGRAM IMPROVEMENT; \*CHARTS

ABSTRACT - The major focus of this conference was in developing steps toward solving specified problems in health manpower. The opening presentation was made by R.C. Kuhli, "Education of Health Manpower for the 1970's," who identified problem areas in health occupations education in need of attention. The 139 participants, representing several states, were divided into these discussion groups: (1) data collection and interpretation, (2) licensing, (3) educational planning, (4) continuing education, (5) student recruitment, screening, and placement, (6) utilization problems, and (7) mental health. Each group was given specific problems and were to identify who is working on the problems, solutions to the problems, who can solve the problems, and recommended steps toward solution. Some group recommendations were: (1) The Health Manpower Council of California should maintain a directory on the manpower resources available to California, (2) The Council should identify groups to develop and seek funds for new and innovative programs, (3) The community and state colleges should be used to a greater extent for continuing education, and (4) Government should be made more aware of the excessive cost of present systems. The work of the groups is charted. (SB)

VT 011 136 ED 043 732

IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).

DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, BAVT.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - FEB 70 19p.

DESCRIPTORS - \*DISADVANTAGED GROUPS; EDUCATIONAL FINANCE; EXPENDITURES; \*FEDERAL LEGISLATION; \*HANDICAPPED; LEADERSHIP RESPONSIBILITY; \*PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; SERVICES; \*VOCATIONAL EDUCATION

IDENTIFIERS - \*VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - BASED ON EXPERIENCES AND RECOMMENDATIONS FROM VOCATIONAL EDUCATION PROGRAMS, THIS PUBLICATION CONTAINS SUGGESTIONS FOR STATE DEPARTMENT OF VOCATIONAL EDUCATION STAFF IN THEIR LEADERSHIP ROLES TO LOCAL EDUCATIONAL AGENCIES AND IN THEIR RELATIONSHIP WITH OTHER STATE INSTITUTIONS IN DEVELOPING SERVICES AND PROGRAMS FOR THE DISADVANTAGED AND HANDICAPPED UNDER THE VOCATIONAL EDUCATION AMENDMENTS OF 1968. DEFINITIONS, CHARACTERISTICS, USES OF FEDERAL FUNDS, AREAS TO BE SERVED, COOPERATING PERSONS AND ORGANIZATIONS, AND EFFECTIVE SERVICES AND PROGRAM COMPONENTS ARE INCLUDED FOR BOTH GROUPS. (SB)

VT 011 168

Membership Directory of Accredited Private Trade and Technical Schools, 1969-70.

National Association of Trade and Technical Schools, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 43p.

DESCRIPTORS - \*DIRECTORIES; \*TRADE AND INDUSTRIAL EDUCATION; \*TECHNICAL EDUCATION; \*PRIVATE SCHOOLS; \*ACCREDITATION (INSTITUTIONS)

IDENTIFIERS - NATIONAL ASSOCIATION OF TRADE AND TECHNICAL SCHOOLS



**ABSTRACT** - The National Association of Trade and Technical Schools is a voluntary organization of accredited private residence schools offering job-oriented specialty training in trade and technical occupations. Member schools are listed first by subject taught, and second by geographic location. A total of 31 states have accredited institutions. For each state, schools are listed alphabetically by name, with the address, president, telephone number, date of founding, special approvals and usage of the school by public and governmental agencies also given. Course offerings, and the length in weeks normally required to complete each course on a full-time or part-time basis are listed under each school heading. Accreditation procedures are outlined. (CD)

VT 011 193 ED 043 734  
**INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.**

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.  
 EDRS PRICE MF-\$0.65 HC-\$3.29  
 PUBLICATION SALES, AMERICAN VOCATIONAL ASSOCIATION, 1510 H STREET, N.W., WASHINGTON, D.C. 20005 (ORDER NUMBER 30570, \$1.50 FOR SINGLE COPIES).  
 PUB DATE - MAY 70 36P.

**DESCRIPTORS** - COLLEGE PROGRAMS; \*COURSE CONTENT; \*EDUCATIONAL INNOVATION; ELEMENTARY GRADES; \*INDUSTRIAL ARTS; INSTRUCTIONAL INNOVATION; \*PROGRAM DESCRIPTIONS; RESEARCH; SECONDARY GRADES  
**IDENTIFIERS** - \*INNOVATIONS

**ABSTRACT** - DEVELOPED BY THE PUBLICATIONS COMMITTEE OF THE INDUSTRIAL ARTS DIVISION OF THE AMERICAN VOCATIONAL ASSOCIATION, THIS DOCUMENT DESCRIBES INNOVATIVE INDUSTRIAL ARTS PROGRAMS THAT ARE CURRENTLY UNDER OPERATION AND SHOW PROMISE FOR FUTURE DEVELOPMENT OR IMPROVEMENT. THE PROGRAMS SUMMARIZED IN THIS BULLETIN WERE SELECTED BY THE COMMITTEE FOR INCLUSION BECAUSE THEY APPEARED TO BE OPERATING SUCCESSFULLY UNDER CERTAIN CONDITIONS IN THE VARIOUS EDUCATIONAL LEVELS OF: (1) ELEMENTARY AND SECONDARY EDUCATION, (2) SPECIAL EDUCATION, AND (3) COLLEGE AND IN-SERVICE EDUCATION. A FULL LISTING OF PROGRAM TITLES, THE SCHOOLS, AGENCIES OR AREAS INVOLVED, AND THE PERSONS REPORTING IS GIVEN. (GR)

VT 011 229 ED 040 292  
 COLEMAN, ARTHUR D.  
**SELECTED HEALTH SERVICE OCCUPATIONS.**

UTAH STATE DEPT. OF EMPLOYMENT SECURITY, SALT LAKE CITY.  
 EDRS PRICE MF-\$0.65 HC-\$3.29  
 PUB DATE - MAY 66 81P.

**DESCRIPTORS** - EMPLOYMENT OPPORTUNITIES; EMPLOYMENT QUALIFICATIONS; \*EMPLOYMENT SERVICES; \*HEALTH OCCUPATIONS; JOB SKILLS; \*MEDICAL SERVICES; \*OCCUPATIONAL INFORMATION  
**IDENTIFIERS** - \*UTAH

**ABSTRACT** - PREPARED BY AN OCCUPATIONAL ANALYST OF THE UTAH DEPARTMENT OF EMPLOYMENT SECURITY, THIS MANUAL PROVIDES JOB GUIDES FOR 39 HEALTH SERVICE OCCUPATIONS CONCERNED MAINLY WITH DOCTORS, NURSES, AND RELATED HOSPITAL-MEDICAL-HEALTH CONSULTANTS AND SERVICES. CLASSIFIED ACCORDING TO "THE DICTIONARY OF OCCUPATIONAL TITLES," EACH OCCUPATIONAL DESCRIPTION CONTAINS: (1) NATURE OF THE WORK AND JOB DUTIES, (2) EMPLOYMENT LOCATIONS, (3) EDUCATIONAL AND TRAINING REQUIREMENTS, (4) SALARY, (5) REQUIRED PERSONAL CHARACTERISTICS AND PHYSICAL ACTIVITIES, (6) EMPLOYMENT OUTLOOK, AND (7) SOURCES OF ADDITIONAL OCCUPATIONAL INFORMATION. MANAGERS AND ADDRESSES ARE LISTED FOR LOCAL EMPLOYMENT SERVICE OFFICES. (SB)

VT 011 259  
 Ward, Joseph S., And Others  
 Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen (MOS 91A10). Technical Report 70-1.

George Washington Univ., Alexandria, Va. Human Resources Research Office.  
 Department of the Army, Washington, D.C.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - Jan70 88p.

**DESCRIPTORS** - \*MEDICAL RESEARCH; \*ENLISTED MEN; \*MILITARY ORGANIZATIONS; \*MILITARY PERSONNEL; \*MILITARY TRAINING; RESEARCH PROJECTS; QUESTIONNAIRES; TRAINING TECHNIQUES

**ABSTRACT** - To develop and evaluate the effectiveness of a unified sequence of instruction for conscientious objectors being trained as Medical Corpsmen, this study

was undertaken by the Human Resources Research Organization at the request of the U.S. Continental Army Command. A job activities questionnaire was developed and administered to recent Vietnam returnees and to selected hospital and dispensary personnel, and the program was evaluated by comparing it with the regular existing programs. The results indicated that the experimental program produced substantial increases in trainee effectiveness. On measures of performance of medical corpsman skills, the experientially trained group performed better than those conventionally trained. On other measures the groups performed about equally well. (GB)

VT 011 325

Lefkoe, M.R.

The Crisis in Construction; There Is an Answer.

Bureau of National Affairs, Inc., Washington, D.C.

DOCUMENT NOT AVAILABLE FROM EDRS.

The Bureau of National Affairs, Inc., 1231 25th Street, N.W., Washington, D.C. 20037 (\$12.50).

PUB DATE - 70 197p.

DESCRIPTORS - \*EMPLOYER EMPLOYEE RELATIONSHIP; \*CONSTRUCTION INDUSTRY; \*LABOR PROBLEMS; \*INDUSTRIAL RELATIONS; UNIONS; BIBLIOGRAPHIC CITATIONS; \*MANPOWER UTILIZATION; ECONOMIC RESEARCH

ABSTRACT - Identifying the major causes of labor-related problems in the construction industry and recommending solutions, this report deals with issues that are relevant to all branches of the construction industry. The chief problems are shortage of skilled manpower, excessive absenteeism and turnover, rapidly increasing wage rates and fringe benefits, overtime guarantees, the loss of management control that has resulted from union jurisdictional rules, unethical union practices, and laws and regulations of the Federal Government. The recommendations are: (1) The definition of construction activity should be changed and the functions of contractors should be expanded to include off-site as well as on-site activities, (2) Contractors should assume the responsibility for obtaining and training their own manpower, and not rely on unions for their manpower supply, and (3) A Construction Industry Action Organization should be established to attack those problems that cannot be solved by individual contractors and to seek changes in restrictive government laws, codes, and regulations. (AUTHOR/GB)

VT 011 364

A Plan for Career Development in the Public Schools of the District of Columbia. Task Force Report on Vocational Education.

District of Columbia Board of Education, Washington.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - MAY69 47p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM PLANNING; CONCEPTUAL SCHEMES; \*EDUCATIONAL PROGRAMS; \*CAREER PLANNING; ELEMENTARY GRADES; SECONDARY GRADES; \*EDUCATIONAL PLANNING; CURRICULUM DEVELOPMENT; INSTRUCTIONAL STAFF

ABSTRACT - To design a plan for implementing recommendations for vocationally oriented programs at all educational levels and specialized vocational training directed towards specific career objectives, an 18-member task force reviewed recommendations from several studies, conferred with vocational education specialists and school administrators, and conducted a public opinion survey among students, teachers, and the community. Major task force recommendations were: (1) Design a sequential pattern of career development for all levels which is closely related to the world of work and continuing education institutions, (2) Institute a 5-year plan of curriculum and staff development for implementing the career development program, and (3) Secure funds and initiate planning for constructing a career development center. Conceptual schemes are provided for career foundations at the elementary level, the career cluster concept, career survey at the junior high level, and career exploration and preparation at the senior high level. (SB)

VT 011 372

School to Employment Program. Project Step Report--1968-1969.

New York State Education Dept., Albany. Div. of Pupil Personnel Services.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Feb70 12p.

DESCRIPTORS - \*WORK STUDY PROGRAMS; VOCATIONAL EDUCATION; \*DROPOUT PREVENTION; \*POTENTIAL DROPOUTS; WORK EXPERIENCE PROGRAMS; STATE PROGRAMS; \*SCHOOL HOLDING POWER;



design, format, and educative process of new programs. Section II examines three completed programs in Washington, D.C., New Orleans, Louisiana, and Newark, New Jersey, on the basis of program purpose, design, participants, administration, instructional facilities, content, preprogram preparation, relationship of program to remainder of police department's efforts, instructional staffs, response to program, community impressions, and over-all observations. Section III offers suggestions and recommendations for the development and implementation of other programs. (SB)

VT 011 410

New Strategies for Vocational-Technical Education in Urban America, A Report of a National Taskforce.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.

MF AVAILABLE IN VT-ERIC SFT.

PUB DATE - 70 15p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; \*URBAN SCHOOLS; URBAN AREAS; \*EDUCATIONAL STRATEGIES; \*PROGRAM DEVELOPMENT; COMMUNITY SERVICES

ABSTRACT - An 18-member national task force was appointed to explore new strategies for vocational-technical education in urban America. Accomplishments of the task force include: (1) developing a packet of materials which outlines strategies to improve vocational-technical education in metropolitan areas, (2) working closely with the Texas Education Agency in developing a continuing program to prepare workers for the construction industry, with the Model Cities Program, and with the Construction Industry Council of Texas in the new and emerging project, Environmental Technology, and (3) holding a regional meeting which explored implementation of the Vocational Education Amendments of 1968. Some future developments include conducting at least two additional meetings at the regional-state level, synthesizing actions in multiple institutes that affect vocational-technical education, and preparing a handbook to help urban school administrators. (SB)

VT 011 435

Kim, Millicent

New Patterns of Health Care: The Physician's Assistant.

Hawaii Univ., Honolulu. Legislative Reference Bureau.

MF AVAILABLE IN VT-ERIC SET.

Report No. 2

Legislative Reference Bureau, University of Hawaii, Honolulu, Hawaii 96822 (\$2.00).

PUB DATE - 70 91p.

DESCRIPTORS - \*HEALTH OCCUPATIONS; APPRENTICESHIPS; \*MANPOWER DEVELOPMENT; \*EDUCATIONAL PROGRAMS; TRAINEES; \*OCCUPATIONAL SURVEYS; MANPOWER NEEDS; JOB TRAINING; \*PROGRAM DEVELOPMENT

IDENTIFIERS - \*PHYSICIAN ASSISTANT; HAWAII

ABSTRACT - To inform the Hawaii State Legislature on the development of the physician's assistant concept, data were obtained from available literature, correspondence with several medical schools and public health programs, a telephone survey to assess training programs for health service occupations, and extensive interviews with persons in the health field. The physician's assistant, a person especially trained to assume certain functions ordinarily performed by a physician, is a relatively recent development in the United States. In addition to educational programs, there have been various demonstration projects and evaluation studies to explore and test the workability, acceptance, benefits, and problems of the physician's assistant role. Two major types of assistants are the assistant for general medical practice and the assistant for maternal and child care. Major sources of trainees have been registered professional nurses and ex-military corpsmen. Though wide diversity exists in training programs, all programs include an extended period under an apprentice-like arrangement. Suggestions are given for governmental regulation of the physician assistant program. (SB)

VT 011 439 ED 043 736

BOWLER, EARL M., COMP.

EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.

DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, BAVT.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - MAR 70 7p.

\*PROGRAM DESCRIPTIONS; HIGH SCHOOL STUDENTS; HIGH SCHOOLS; ATTITUDES IDENTIFIERS - NEW YORK; \*SCHOOL TO EMPLOYMENT PROGRAM; STEP

ABSTRACT - This project report describes the eighth year of New York's School to Employment Program (STEP), a work-study program in which pupils spend half the day in school and the other half in supervised employment. STEP is designed to keep the potential school dropout in school by changing his attitudes, and to improve his ability to perform successfully at a job in case he does leave school. The report describes program size and expenditures, as well as school holding power and pupil characteristics. Both successes and failures of the program are examined. A related document is available as VT 006 865 (ARM Spring 1969). (BH)

VT 011 383

The Construction Industry: Selected References, 1960-1969. Current Bibliographies No. 2.

Department of Labor, Washington, D.C. Library.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Mar70 14p.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*CONSTRUCTION INDUSTRY; \*TRADE AND INDUSTRIAL EDUCATION; \*RESOURCE MATERIALS; APPRENTICESHIPS; ECONOMICS; MANPOWER DEVELOPMENT; EMPLOYMENT; INDUSTRIAL RELATIONS; PERIODICALS; WAGES

ABSTRACT - This bibliography containing selected references of the construction industry from 1960-1969 was prepared by the library of the United States Department of Labor. Contents are listed alphabetically by author under the following subjects: (1) Economic Aspects, (2) General, (3) Manpower, (4) Apprenticeship and Training, (5) Minorities, (6) The Philadelphia Plan, (7) Employment, (8) Seasonality, (9) Wages and Hours, (10) Industrial Relations Aspects, and (11) Periodicals. (GB)

VT 011 390

A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.

California State Dept. of Education, Sacramento. Bureau of Industrial Education.  
MF AVAILABLE IN VT-ERIC SET.  
California State Department of Education, Fiscal Office--Order Section, 721 Capitol Mall, Sacramento, California 95814.  
PUB DATE - Jan70 24p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*APPRENTICESHIPS; \*PUBLIC SCHOOLS; \*ON THE JOB TRAINING; \*ENROLLMENT; INDUSTRIAL TRAINING; INDUSTRIAL EDUCATION; TRAINEES

ABSTRACT - Summarizing the instruction related to practical on-the-job training received by employed apprentices in their various industrial jobs while enrolled in the public schools of California, this report was prepared by the Bureau of Industrial Education, California State Department of Education. The schools were providing instruction for 20,864 apprentices in 1,085 classes related to 64 trades during the final week of October, 1969. These data do not reflect the total enrollment during the entire school year as completions and initial enrollments varied according to conditions and local policies. Appended are reports of penal and correctional institution participation and a listing of apprentice instructional materials. (GB)

VT 011 408

Cizon, Francis A.; Smith, William H.T.  
Some Guidelines for Successful Police-Community Relations Training Programs.

Department of Justice, Washington, D.C. Law Enforcement Assistance.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 51p.

DESCRIPTORS - \*PROGRAM EVALUATION; \*GUIDELINES; \*PROGRAM DEVELOPMENT; \*POLICE COMMUNITY RELATIONSHIP; \*EDUCATIONAL PROGRAMS; PROGRAM ADMINISTRATIO; EDUCATIONAL FACILITIES; INSTRUCTIONAL STAFF; PROGRAM DESIGN; PROGRAM CONTENT; COMMUNITY INVOLVEMENT

ABSTRACT - To aid police-training officials in developing skills and attitudes needed to make the police meaningful and respected participants in their communities, a review was made of urban police-community relations training projects supported by the Office of Law Enforcement Assistance. Section I discusses police-community relations, stressing that sensitivity of police to community relations training programs and negative reactions to these programs demand that careful consideration be given to the

design, format, and educative process of new programs. Section II examines three completed programs in Washington, D.C., New Orleans, Louisiana, and Newark, New Jersey, on the basis of program purpose, design, participants, administration, instructional facilities, content, preprogram preparation, relationship of program to remainder of police department's efforts, instructional staffs, response to program, community impressions, and over-all observations. Section III offers suggestions and recommendations for the development and implementation of other programs. (SB)

VT 011 410

New Strategies for Vocational-Technical Education in Urban America, A Report of a National Taskforce.

Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education.

MF AVAILABLE IN VT-ERIC SFT.

PUB DATE - 70 15p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; \*URBAN SCHOOLS; URBAN AREAS; \*EDUCATIONAL STRATEGIES; \*PROGRAM DEVELOPMENT; COMMUNITY SERVICES

ABSTRACT - An 18-member national task force was appointed to explore new strategies for vocational-technical education in urban America. Accomplishments of the task force include: (1) developing a packet of materials which outlines strategies to improve vocational-technical education in metropolitan areas, (2) working closely with the Texas Education Agency in developing a continuing program to prepare workers for the construction industry, with the Model Cities Program, and with the Construction Industry Council of Texas in the new and emerging project, Environmental Technology, and (3) holding a regional meeting which explored implementation of the Vocational Education Amendments of 1968. Some future developments include conducting at least two additional meetings at the regional-state level, synthesizing actions in multiple institutes that affect vocational-technical education, and preparing a handbook to help urban school administrators. (SB)

VT 011 435

Kim, Millicent

New Patterns of Health Care: The Physician's Assistant.

Hawaii Univ., Honolulu. Legislative Reference Bureau.

MF AVAILABLE IN VT-ERIC SET.

Report No. 2

Legislative Reference Bureau, University of Hawaii, Honolulu, Hawaii 96822 (\$2.00).

PUB DATE - 70 91p.

DESCRIPTORS - \*HEALTH OCCUPATIONS; APPRENTICESHIPS; \*MANPOWER DEVELOPMENT; \*EDUCATIONAL PROGRAMS; TRAINEES; \*OCCUPATIONAL SURVEYS; MANPOWER NEEDS; JOB TRAINING; \*PROGRAM DEVELOPMENT

IDENTIFIERS - \*PHYSICIAN ASSISTANT; HAWAII

ABSTRACT - To inform the Hawaii State Legislature on the development of the physician's assistant concept, data were obtained from available literature, correspondence with several medical schools and public health programs, a telephone survey to assess training programs for health service occupations, and extensive interviews with persons in the health field. The physician's assistant, a person especially trained to assume certain functions ordinarily performed by a physician, is a relatively recent development in the United States. In addition to educational programs, there have been various demonstration projects and evaluation studies to explore and test the workability, acceptance, benefits, and problems of the physician's assistant role. Two major types of assistants are the assistant for general medical practice and the assistant for maternal and child care. Major sources of trainees have been registered professional nurses and ex-military corpsmen. Though wide diversity exists in training programs, all programs include an extended period under an apprentice-like arrangement. Suggestions are given for governmental regulation of the physician assistant program. (SB)

VT 011 439 ED 043 736

BOWLER, EARL M., COMP.

EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.

DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, BAVT.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - MAR 70 7p.



DESCRIPTORS - BUILDING TRADES; \*CONSTRUCTION COSTS; \*CONSTRUCTION INDUSTRY;  
\*CONSTRUCTION NEEDS; \*VOCATIONAL EDUCATION

ABSTRACT - AMERICA'S \$100 BILLION CONSTRUCTION INDUSTRY WITH ITS 3 MILLION WORKERS DOES NOT NEED HARASSMENT, UNWARRANTED INTERFERENCE, OR POLITICAL DENOUNCIATION; IT DOES NEED BETTER ACCESS TO MORTGAGE MONEY, LESS COSTLY MATERIALS AT MORE STABLE PRICES, AN END TO ARCHAIC REGULATIONS THAT HAMPER PRODUCTIVITY, MORE DYNAMIC MANAGEMENT, AND--MOST OF ALL--MORE TRAINED WORKERS. THE ACTIONS OUTLINED IN THIS STATEMENT, TOGETHER WITH THE LEGISLATION TO BE SUBMITTED TO THE CONGRESS BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, ARE DESIGNED TO MEET THOSE INDUSTRY NEEDS. CONSTRUCTION COSTS ARE NOT THE "FAULT" OF ANY ONE GROUP; THEY ARE THE RESULT OF A SYSTEM THAT URGENTLY NEEDS REFORM AND MODERNIZATION. WE MUST TAKE CARE, IN MAKING THOSE REFORMS, TO TREAT FUNDAMENTALS RATHER THAN SYMPTOMS, ESSENTIALLY TO BRING THE SUPPLY AND DEMAND OF LABOR, MONEY AND MATERIALS INTO BETTER BALANCE. THAT IS THE ONLY CONSTRUCTIVE WAY TO STOP THE SPIRAL OF CONSTRUCTION COSTS. IN SO DOING, WE CAN SIMULTANEOUSLY MEET TWO OF THE NATION'S MOST PRESSING NEEDS: THE NEED TO OPEN UP NEW JOB OPPORTUNITIES FOR MILLIONS OF WORKING MEN AND WOMEN, AND THE NEED TO PROVIDE ADEQUATE SHELTER FOR EVERYONE. (AUTHOR)

VT 011 451 ED 043 737

BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.

AGENCY FOR INTERNATIONAL DEVELOPMENT (DEPT. OF STATE), WASHINGTON, D.C.  
EDRS PRICE MF-\$0.65 HC-\$9.87  
PUB DATE - SEP 68 232P.

DESCRIPTORS - \*AGRICULTURAL RESEARCH PROJECTS; \*DEVELOPING NATIONS; DEVELOPMENTAL PROGRAMS; \*EDUCATIONAL DEVELOPMENT; EDUCATIONAL PROGRAMS; FOREIGN RELATIONS; INTERNATIONAL EDUCATION; \*INTERNATIONAL PROGRAMS; LAND GRANT UNIVERSITIES; RURAL DEVELOPMENT; \*TECHNICAL ASSISTANCE

ABSTRACT - TO ANALYZE THE ACCOMPLISHMENTS UNDER CONTRACTS BETWEEN THE AGENCY FOR INTERNATIONAL DEVELOPMENT (AID) AND U.S. LAND GRANT UNIVERSITIES FOR TECHNICAL ASSISTANCE ABROAD IN THE DEVELOPMENT OF EDUCATIONAL AND RESEARCH INSTITUTIONS IN AGRICULTURE AND RELATED FIELDS, THE COMMITTEE ON INSTITUTIONAL COOPERATION (CIC) COLLECTED DATA FROM THE HOME CAMPUS OF EACH U.S. UNIVERSITY, AID MISSION, AND HOST UNIVERSITY AND COUNTRY. ALTHOUGH THERE ARE WIDE VARIATIONS IN EFFECTIVENESS OF VARIOUS PROJECTS, THE PROGRAM HAS MADE IMPORTANT CONTRIBUTIONS ABROAD AT COMPARATIVELY SMALL COSTS TO THE UNITED STATES IN MONEY, MANPOWER, AND INTERRUPTION OF DOMESTIC PROGRAMS. RECOMMENDATIONS FOR IMPROVING, CONTINUING, AND EXPANDING ARE: (1) MAKE A STRONGER COMMITMENT FOR BUILDING INSTITUTIONS, (2) DEVELOP MORE FLEXIBLE PROJECT AGREEMENTS, (3) INCREASE RESEARCH AND UTILIZE KNOWLEDGE ON THE INSTITUTION BUILDING PROCESS, (4) EMPLOY BASIC IDEAS OF LAND GRANT TYPE INSTITUTIONS, (5) STRENGTHEN GOALS AND COMMITMENTS, (6) CHANGE ASPECTS OF TECHNICAL ASSISTANCE, (7) CHANGE ORIENTATION PROGRAMS, (8) UPGRADE PARTICIPANT TRAINING, (9) DEVELOP A FULLER PUBLIC UNDERSTANDING OF INTERNATIONAL TECHNICAL ASSISTANCE, AND (10) STRENGTHEN INTERNATIONAL CAPABILITIES OF U.S. UNIVERSITIES. A BIBLIOGRAPHY OF RESEARCH REPORTS DEVELOPED BY THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT IS APPENDED. (GB)

VT 011 469 ED 042 903

FEARN, ROBERT M.

LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-2-7-070348-2698 08  
BR-7-0348

PUB DATE - 69 114P.

DESCRIPTORS - \*BUDGETING; \*COMMUNITY COLLEGES; \*CURRICULUM DEVELOPMENT; HYPOTHESIS TESTING; LABOR ECONOMICS; \*LABOR MARKET; QUESTIONNAIRES; STATISTICAL SURVEYS; TECHNICAL INSTITUTES; \*VOCATIONAL EDUCATION

ABSTRACT - ALTHOUGH THE MAJOR FACTORS DETERMINING CURRICULUM MIX ARE KNOWN, LITTLE HAS BEEN DONE TO MEASURE THE RELATIVE IMPORTANCE OF EACH FACTOR. USING THE DATA GATHERED BY QUESTIONNAIRE FROM NORTH CAROLINA COMMUNITY COLLEGES AND TECHNICAL INSTITUTES, THIS STUDY TESTED THE HYPOTHESES THAT LOCAL LABOR MARKET STRUCTURES INFLUENCE CURRICULAR OFFERINGS, AND THAT BUDGETARY ALLOCATION PROCEDURES WITHIN THE EDUCATIONAL SYSTEM CREATE INTERNAL MONETARY INCENTIVES WHICH AFFECT CURRICULAR OFFERINGS. LEAST SQUARES REGRESSION ANALYSIS INDICATED THAT CURRICULAR OFFERINGS WERE POSITIVELY RELATED TO ABSOLUTE SIZE OF THE "USING" INDUSTRY BUT NEGATIVELY RELATED TO ITS RELATIVE SIZE. DATA RECEIVED FROM THE NORTH CAROLINA DEPARTMENT OF COMMUNITY COLLEGES CONFIRMED THE SECOND

HYPOTHESIS, THAT CURRICULUM MIX IS AFFECTED BY THE LOCAL ADMINISTRATORS' BUDGETARY ALLOCATIONS. THIS CAN RESULT IN A DRIFT IN CURRICULUM AWAY FROM OPTIMALITY TOWARD A POSITION MORE "PROFITABLE" TO THE LOCAL ADMINISTRATOR IN TERMS OF BUDGETARY CONSIDERATIONS. (BH)

VT 011 473 ED 043 738

RESNICK, HAROLD S.

THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 315P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; \*FLEXIBLE SCHEDULING; \*INDUSTRIAL EDUCATION; \*NATIONAL SURVEYS; \*SCHEDULE MODULES; SECONDARY SCHOOLS  
IDENTIFIERS - \*FLEXIBLE MODULAR SCHEDULING

ABSTRACT - TO PROVIDE A GUIDE FOR IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION, THIS STUDY EXAMINED THE INDUSTRIAL EDUCATION DEPARTMENTS OF SCHOOLS UTILIZING THE SCHEDULING AND DETERMINED THE ADMINISTRATIVE AND INSTRUCTIONAL PROCEDURES EMPLOYED BY THEM. THE FOLLOWING CONCLUSIONS AND RECOMMENDATIONS WERE BASED ON 64 (83.1 PERCENT) RETURNED INSTRUMENTS: (1) FORMAL ARRANGEMENT FOR INDUSTRIAL EDUCATION EXISTED EVEN THOUGH THE SCHOOL WAS EXPERIMENTING WITH AN INNOVATIVE PROGRAM, (2) LARGE GROUP INSTRUCTION WAS USED BY ALMOST 50 PERCENT OF THE SCHOOLS, PRIMARILY AS A ONE-TEACHER PRESENTATION, (3) STRUCTURED LABORATORY SECTIONS HAVE BEEN REDUCED FROM 5 HOURS TO APPROXIMATELY 2 HOURS PER WEEK, AND GENERALLY FOLLOW THE SAME PATTERN AS TRADITIONAL LABORATORY ACTIVITIES, (4) MOST SCHOOLS ALLOCATE TO THEIR STUDENTS APPROXIMATELY 40 PERCENT UNSCHEDULED TIME, (5) STUDENT HONOR SYSTEM IS USED IN RESPECT TO SAFETY, CLEAN-UP, TOOL USAGE, AND ATTENDANCE DURING OPEN LAB MODS, (6) THERE IS A LACK OF ADEQUATE PARAPROFESSIONAL SUPPORT AND DIFFERENTIATED STAFFING PATTERNS, (7) VERY FEW SCHOOLS HAVE A RESOURCE CENTER, AND (8) A GENERAL PATTERN INCLUDES ONE LARGE GROUP MEETING PER WEEK, TWO STRUCTURED LABS AND THE USE OF OPEN LABS. THIS ED.D. THESIS WAS SUBMITTED TO WAYNE STATE UNIVERSITY. (GR)

VT 011 539 ED 042 907

BELITSKY, A. HARVEY

PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.

UPJOHN (W.E.) INST. FOR EMPLOYMENT RESEARCH, KALAMAZOO, MICH.

EDRS PRICE MF-\$0.65 HC-\$3.29

THE W.E. UPJOHN INSTITUTE, 1101 SEVENTEENTH STREET, N.W., WASHINGTON, D.C. 20036

(SINGLE COPIES AVAILABLE WITHOUT CHARGE)

PUB DATE - JUN 70 34P.

DESCRIPTORS - EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; EDUCATIONAL STATUS COMPARISON; \*POST SECONDARY EDUCATION; \*PRIVATE SCHOOLS; STUDENT LOAN PROGRAMS; STUDENT NEEDS; \*VOCATIONAL EDUCATION

ABSTRACT - TWO CONDITIONS MAKE THE FUTURE OF PRIVATE VOCATIONAL SCHOOLS LOOK BRIGHT. FIRST, ONLY ABOUT ONE-FOURTH OF ALL HIGH SCHOOL STUDENTS ARE CURRENTLY ENROLLED IN VOCATIONAL PROGRAMS, AND SECOND, IT IS ESTIMATED THAT MORE THAN THREE-FOURTHS OF ALL STUDENTS COULD BENEFIT FROM SUCH PROGRAMS. A RECENT STUDY REVEALED A TOTAL OF 7,000 PRIVATE, PROFIT-MAKING SCHOOLS WERE SERVING AN ESTIMATED 1.5 MILLION STUDENTS, MEETING THE NEEDS OF STUDENTS THROUGH THEIR DIVERSIFICATION OF PROGRAMS AND THEIR HIGHLY SPECIALIZED STAFF. IN PRIVATE VOCATIONAL SCHOOLS THE EVALUATIONS ARE USUALLY MADE BY PRIVATE ACCREDITING ORGANIZATIONS; STUDENT FAILURE MEANS TEACHER FAILURE, AND THE DROP-OUT RATE IS USUALLY LOWER THAN THAT OF HIGH SCHOOLS AND COLLEGES. THE USEFULNESS OF THE PRIVATE SCHOOLS WOULD BE ENHANCED BY CONGRESSIONAL RECOMMENDATION FOR USE OF THE SCHOOLS UNDER PROVISIONS OF THE VOCATIONAL EDUCATION ACT LEADING TO JOINT VENTURES WITH PUBLIC HIGH SCHOOLS, AND BY A GOVERNMENT-SPONSORED LOAN-GRANT PROGRAM ENABLING MORE STUDENTS TO ATTEND THESE PRIVATE SCHOOLS. (JS)

VT 011 540 ED 042 908

BICE, GARRY R.

THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29

OEG-3-7-000158-2037 08

BR-7-0158

PUB DATE - AUG 70 85P.



DESCRIPTORS - AGRICULTURAL EDUCATION; \*BEHAVIOR CHANGE; \*BEHAVIOR PATTERNS; \*CHANGE AGENTS; EDUCATIONAL INNOVATION; OPINIONS; STATISTICAL DATA; \*VOCATIONAL EDUCATION

ABSTRACT - TO GAIN INSIGHT INTO A LEADER'S ABILITY TO EFFECT CHANGE BY INFLUENCING GROUP PEERS THIS STUDY SOUGHT TO IDENTIFY STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR CHARACTERISTICS OF THE SCHOOL SYSTEMS IN WHICH OPINION LEADERS AND ISOLATES WORK, AS THEY RELATE TO A CHANGE STRATEGY FOR VOCATIONAL-TECHNICAL EDUCATION. BASED ON QUESTIONNAIRE DATA COLLECTED FROM A RANDOM SAMPLE OF 57 VOCATIONAL AGRICULTURE TEACHERS, THE STUDY REVEALED THAT THE SUCCESS OF AN OPINION LEADER IS RELATED TO THE DEFINITION OF THE PEER GROUP AND TO THE SCHOOL IN WHICH HE TEACHES. (JS)

VT 011 543

Building Trades, Skopje, Yugoslavia Training Centre.

International Labour Organisation, Geneva (Switzerland)  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 57p.

DESCRIPTORS - \*INTERNATIONAL ORGANIZATIONS; \*INTERNATIONAL PROGRAMS; \*JOB TRAINING; \*CONSTRUCTION INDUSTRY; \*CONSTRUCTION PROGRAMS; REPAIR; MAINTENANCE; BUILDING TRADES; TEACHING METHODS

ABSTRACT - After the 1963 earthquake the International Labor Organisation collaborated with the Government of Yugoslavia in the establishment and initial operation of a center for training building construction personnel to reconstruct Skopje. The Center is the first vocational school ever established there, and is intended to improve standards of trade instructors, foremen, and skilled workers, which will raise the efficiency of construction, production, maintenance and repair operations. The program provides training in areas of: (1) assembly of prefabricated buildings, (2) operation, maintenance, and repair of building machinery, (3) plumbing, heating, and sanitary installations, (4) electrical installations, (5) carpentry and floor laying, (6) brick and masonry, and (7) methods and techniques of instructing. The 3-year project has been successful in fulfilling its broad objectives. (GB)

VT 011 552

Vermeulen, Robert  
Lincoln Skills Center; The Story of Its Struggles and Successes.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.  
MF AVAILABLE IN VT-ERIC SET.  
W.E. Upjohn Institute for Employment Research, 300 South Westnedge Avenue, Kalamazoo, Michigan 49007 (\$.25).  
PUB DATE - Dec69 34p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*PROGRAM PLANNING; PROGRAM IMPROVEMENT; JOB PLACEMENT; \*SKILL CENTERS

ABSTRACT - The Lincoln Skills Center encountered typical problems during its initial approval and funding stages, but was finally underway in September 1967, working to make trainees more employable. This study of the Center and its problems found that: (1) the basic education program was beneficial to those who had attained a sixth-grade education, (2) most trainees benefited from vocational education, (3) the dropout rate was lower than the national average, and (4) employers were willing to hire the graduates. Major recommendations of this review were that funding of this type of program should continue, however, adequate planning time should be allowed for future programs, and special efforts should be made to recruit trainees. The complete study on which this report is based is available from University Microfilms, Ann Arbor, Michigan 48106. (JS)

VT 011 553

Adair, Kent T.  
Supervision in the Missouri Wood Products Industry. Research Bulletin 968.

Missouri Agricultural Experiment Station, Columbia.  
Department of Agriculture, Carbondale, Ill. North Central Forest Experiment Station  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Sep69 39p.

DESCRIPTORS - \*LUMBER INDUSTRY; \*MANAGEMENT EDUCATION; MANAGEMENT DEVELOPMENT; LEADERSHIP TRAINING; INTERVIEWS; \*ADMINISTRATIVE PERSONNEL; SURVEYS; \*SUPERVISOR QUALIFICATIONS; \*ADMINISTRATIVE PROBLEMS

ABSTRACT - Major supervisory problems of the Missouri woods products industry were investigated through personal interviews with 68 owners or managers and 27 supervisors to learn firm and supervisory characteristics. The study found that supervisors operate under both industrywide and managerial constraints. They must deal with a low wage labor force with high turnover rates, while facing almost static employment structure for supervisors in the State. The typical supervisor in the industry was found to be undertrained and cut off from management, a condition which emphasizes the need for management training. (BH)

VT 011 560 ED 042 046

TIEDEMAN, DAVID V., AND OTHERS

AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.

HARVARD UNIV., CAMBRIDGE, MASS. GRADUATE SCHOOL OF EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-1-6-061819-2240 08  
BR-6-1819

PUB DATE - MAY 70 93P.

DESCRIPTORS - COMPUTERS; DATA; \*DECISION MAKING; EDUCATIONAL OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES; \*INFORMATION SYSTEMS; INTERACTION; \*OCCUPATIONAL CHOICE; \*OCCUPATIONAL INFORMATION; RESEARCH PROJECTS; SYSTEMS CONCEPTS; \*VOCATIONAL EDUCATION

ABSTRACT - THE DECISION MAKING PROCESS REQUIRES MORE THAN MERELY GATHERING AND HAVING ACCESS TO DATA. IT ALSO INVOLVES GATHERING THE "CORRECT" DATA AND "INTERACTING" WITH THAT DATA TO REALIZE A DESIRED OUTCOME. TO PROVIDE STUDENTS WITH THIS TYPE OF DATA ABOUT EDUCATION AND WORK OPPORTUNITIES IN SUCH A WAY THAT THEY CAN RELATE IT TO THEIR OWN GOALS WAS THE OBJECTIVE OF THE COMPUTER BASED INFORMATION SYSTEM FOR VOCATIONAL DECISIONS (ISVD). HOWEVER, FIELD TESTS OF THE SYSTEM WERE HAMPERED BY TECHNICAL PROBLEMS AND BY THE MISUNDERSTANDING OF THE OBJECTIVE OF ISVD. THE PROJECT DID CLEARLY DEMONSTRATE THAT IT IS POSSIBLE TO: (1) INTERACT WITH AN INQUIRER IN A NATURAL LANGUAGE MEDIUM, (2) INTERACT WITH SEVERAL INQUIRERS SIMULTANEOUSLY, (3) RECOGNIZE AND RESPOND APPROPRIATELY TO INDIVIDUAL REQUESTS, AND (4) PROVIDE FACTS AND DATA AT VARIOUS LEVELS OF SPECIFICITY TO SUIT THE MODE IN WHICH THE USER IS OPERATING. (JS)

VT 011 580

Butler, Richard P.; Gordon, Michael E.

Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.

Oak Ridge Associated Universities, Tenn.

Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.

Tennessee State Dept. of Education, Nashville. Div. of Vocational-Technical Education.

Tennessee Dept. of Employment Security, Nashville.

Tennessee Univ., Knoxville.

Office of Education (DHEW), Washington, D.C.

Department of Labor, Washington, D.C.

Atomic Energy Commission, Oak Ridge, Tenn.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul70 32p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*FEDERAL PROGRAMS; UNEMPLOYED; QUESTIONNAIRES; \*STATISTICAL SURVEYS; \*TRAINEES; \*PROGRAM ATTITUDES  
IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT

ABSTRACT - This study investigates trainee attitudes toward the technical training phase of the manpower development project, Training and Technology (TAT). A 111-item evaluation form made up of experiences most likely to cause either a positive or negative reaction in trainees was distributed to all program participants in August, 1969. A seven point rating scale was used to indicate feelings about statements concerned with four general employment factors: (1) working conditions and the work itself, (2) achievement, (3) company policy and administration, and (4) interpersonal relations. Reaction to the program was generally favorable, although working conditions received the largest negative response, mainly because of dissatisfaction with the food in the canteen. A general feeling of achievement and self-confidence resulted in favorable attitudes toward the work itself and the other areas. (BH)

VT 011 586

Brooking, Walter J.

Preparation of Technicians for Environmental Control.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 18p.; Presented at the Annual Technical Meeting of the Institute of Environmental Sciences (Boston, Mass., Apr. 14, 1970).

DESCRIPTORS - \*TECHNICAL EDUCATION; \*ENVIRONMENTAL TECHNICIANS; POLLUTION; WATER POLLUTION CONTROL; AIR POLLUTION CONTROL; SANITATION; \*ENVIRONMENTAL EDUCATION; QUALITY CONTROL; POST SECONDARY EDUCATION; \*PROGRAM DEVELOPMENT; CURRICULUM DEVELOPMENT; CURRICULUM GUIDES; RECRUITMENT; \*PROGRAM DESCRIPTIONS

ABSTRACT - Several kinds of environmental control technicians--water or air pollution, soil contamination, and sanitation--will be needed to assist professional scientists in research and in implementing extensive programs to prevent or alleviate pollution of our environment. Programs to prepare technicians usually require at least 2 years of specialized study beyond high school in order to learn the scientific principles, supporting mathematics, specialized techniques and equipment, and related supportive instruction. One reason why few programs currently exist to prepare technicians is that they belong to a new and emerging field of technology. There are several criteria which an applied science must meet or it is probably too narrow to be identified as requiring specially trained technicians. With the criteria as a guide, three technical programs are examined for need, curriculum development, and suggested curriculum outline. Also considered are problems of student recruitment and suggestions for ways to prepare more technicians. (SB)

VT 011 588

Job Instruction Training. A Job Analysis and Evaluation Workshop Conference for the Supervisory Personnel of the Employee Development and Training Program of the State of Louisiana Area V.

Ouachita Valley Vocational-Technical School, West Monroe, La.

MF AVAILABLE IN VT-ERIC SET.

Ouachita Valley Technical Institute. P.O. Box 546, West Monroe, Louisiana 71291.

PUB DATE - Feb69 47p.

DESCRIPTORS - \*STATE SUPERVISORS; \*INSERVICE EDUCATION; \*SUPERVISORY TRAINING; LEADERSHIP RESPONSIBILITY; CONFERENCE REPORTS; JOB ANALYSIS; \*LEADERSHIP QUALITIES; EMPLOYER EMPLOYEE RELATIONSHIP; \*SUPERVISORY METHODS

ABSTRACT - This training conference was one of a series held for State supervisory personnel in Louisiana. The conferees discussed the qualities of a good supervisor and the responsibilities of supervision. Special emphasis was placed upon the role of the supervisor in promoting communication, cooperation, and understanding between management and employees. (BH)

VT 011 610

Consumer's Knowledge and Use of Government Grades for Selected Food Items. Marketing Research Report No. 876.

Economic Research Service (DOA), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Apr70 42p.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; QUESTION ANSWER INTERVIEWS; \*CONSUMER EDUCATION; \*CONSUMER ECONOMICS; HOME ECONOMICS SKILLS; INSPECTION; FOOD AND DRUG INSPECTORS; FOOD STANDARDS; GRADING; EVALUATION CRITERIA  
IDENTIFIERS - \*GOVERNMENT GRADES FOR FOODS

ABSTRACT - In a national sample of 3,000 households, telephone interviews showed that consumers were unfamiliar with USDA grades for food. For the most part consumers evidenced little knowledge of Federal grades and significant confusion between the grades and inspection marks. Undertaken to assist in evaluating the usefulness of the USDA grades and standards program, the study indicates that many consumers believe all food items to be graded and frequently report buying Grade A when no such grade designation exists. Appended is the questionnaire used in the survey. (AUTHOR/GB)

VT 011 615

Symposium on the Role of Worker Relocation in an Active Manpower Policy (Washington, D.C., April 9-11, 1969).

International Manpower Inst., Washington, D.C.

Agency for International Development, Washington, D.C.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.



PUB DATE - 70 283p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*MANPOWER DEVELOPMENT; \*RELOCATION; \*LABORERS; DEVELOPING NATIONS; PUBLIC POLICY

ABSTRACT - In order to augment the knowledge of Agency for International Development program planners in the manpower field, and to help Manpower Administration officials evaluate efforts in worker relocation and determine their role in manpower policy, the International Manpower Institute conducted this symposium on worker relocation. The conference was attended by about 100 persons, including specialists from universities, foreign labor attaches, private project administrators, foundation personnel, and government officials. Some 30 major presentations with discussion and comments are included. (BH)

VT 011 641

Cessna, Cecil P.

Further Development of a Plan for Offering Vocational-Technical Training in Fulton County. Final Report.

Fulton County School Board, McConnellsburg, Pa.

Pennsylvania Dept. of Education, Harrisburg. Bureau of Vocational, Technical and Continuing Education

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 15Jul70 100p.

DESCRIPTORS - \*SECONDARY SCHOOL STUDENTS; \*PILOT PROJECTS; \*PROGRAM DESCRIPTIONS; \*VOCATIONAL EDUCATION; \*LOW INCOME COUNTIES; COUNTY PROGRAMS; COMMUNITY SURVEYS; PROGRAM PLANNING

ABSTRACT - This pilot project was undertaken to determine the feasibility of utilizing existing secondary school facilities in a rural, disadvantaged county as an economical alternative to an area vocational school in meeting the training needs of area secondary students and employers. The vocational program established jointly by three rural school districts in Fulton County is described in this final report, along with a recommendation for its duplication in other areas with limited financial resources. Appendixes contain cost estimates and background information including occupational and educational surveys. (BH)

VT 011 653

Further Education for Technicians.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Apr64 36p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*PROGRAM DESCRIPTIONS; \*PROGRAM DEVELOPMENT; \*FOREIGN COUNTRIES; TECHNICAL EDUCATION; ARTICULATION (PROGRAM); \*APPRENTICESHIPS; COURSES; PROGRAM LENGTH  
IDENTIFIERS - \*ENGLAND

ABSTRACT - The City and Guilds of London Institute is sharing its experiences in the development of technical education by the publication of three monographs on the further education of operatives, craftsmen, and technicians. This particular monograph is concerned with the purposes and characteristics of part-time courses of further education for young people in industry who desire employment as technicians. Major sections are: (1) Characteristics of the Technician, (2) Technicians' Courses: The Overall Pattern, (3) A Representative "Ab Initio" Technicians' Course, (4) A Technicians' Course in a Science-Based Industry, (5) "End-On" Technicians' Courses, which are designed for students who have already completed a course or other suitable preparation, (6) National Certificate Courses, (7) General Studies, (8) General Courses for Intending Technicians, (9) Industrial Training and Further Education, and (10) The Future. The other two monographs are available as VT 011 656 (in this issue) and VT 008 732 (AIM Winter 1970), and several related documents are available as VT 011 654 and VT 011 657 (also in this issue). (SB)

VT 011 654

Education for the Printing Industry; A Proposed Plan for a Revised Structure of Courses for the Printing Industry.

City and Guilds of London Inst., Inc., (England). Consultative Committee on Education for the Printing Industry.

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Apr64 21p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*PRINTING; PUBLISHING INDUSTRY; \*PROGRAM DEVELOPMENT; PROGRAM EVALUATION; \*PROGRAM IMPROVEMENT; COURSES; \*FOREIGN COUNTRIES; INDUSTRIAL ARTS  
IDENTIFIERS - \*ENGLAND

ABSTRACT - Recommendations for further education of those employed in the printing industry have been made by a consultative committee of the City and Guilds of London Institute. This report discusses steps to implement those proposals of the Government White Paper, "Better Opportunities in Technical Education," which are appropriate to the printing industry. Some major conclusions of the committee include: (1) replacing the present intermediate, final, and full technological courses with a two-part craft course and a two-part technicians' course, (2) providing transfer routes from one course to another to give each student the opportunity to develop his aptitudes fully, (3) offering a general course that would be diagnostic and preparatory and would feed the technicians' course, and (4) regionalizing senior courses in the larger and better equipped colleges. Related documents are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 657 (all in this issue). (SB)

VT 011 655

Siklos, T.

Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Nov63 41p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*SCHOOL INDUSTRY RELATIONSHIP; \*PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; \*FOREIGN COUNTRIES; \*APPRENTICESHIPS; INDUSTRIAL EDUCATION; INSTRUCTIONAL STAFF; PROGRAM DESCRIPTIONS; ADVISORY COMMITTEES  
IDENTIFIERS - \*ENGLAND

ABSTRACT - To overcome some of the problems which hamper a small firm in training apprentices, local industry combined its efforts with the local education authority to provide an apprentice training center for full-time training in an experimental program at Crawley College of Further Education. In the partnership, the local education authority administers the center, while financial support is contributed by the industrial firms. Active participation by industry is accomplished through the advisory committee which has been set up to make recommendations to the governing body. A senior training officer and three assistant training officers comprise the instructional staff. Students are selected for training and paid during the training by the firm that will eventually employ them. The training course is designed to cover the apprentices' first year and is planned to achieve coordination between technical processes, the theory on which these are based, and workshop drawing. During the year each apprentice gets a total of 1,300 hours of integrated workshop practice and theory. Other related documents are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 657 (all in this issue). (SB)

VT 011 656

Wheatley, D.E.; Taylor, M.H.

Further Education for Operatives.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Mar64 41p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; TECHNICAL EDUCATION; \*LABORERS; \*COURSE DESCRIPTIONS; PROGRAM DESCRIPTIONS; \*FOREIGN COUNTRIES; \*PROGRAM DEVELOPMENT; MALES; FEMALES; ARTICULATION (PROGRAM)  
IDENTIFIERS - \*ENGLAND

ABSTRACT - To share its experiences in the development of technical education, the City and Guilds of London Institute has prepared three monographs on the further education of operatives, craftsmen, and technicians. This monograph is about part-time courses for young people of both sexes working in occupations for which there is not an apprenticeship and in which the skill requirement is usually less than that of a craft. Since the courses have a number of features in common, they are collectively referred



to as "operatives' courses." Some findings by the Institute include: (1) a high proportion of the operatives' occupations have sufficient technical content to provide a basis for a course, (2) Most of the courses provide a broad general survey of the whole field of activity within which the operative is engaged and also a more detailed study of his own job, (3) Operatives are not usually strongly motivated towards further education, (4) Examinations must take into account operatives' lack of facility in communication, and (5) Courses are best arranged on a part-time basis. Several sample syllabuses for operatives' courses are appended. The other monographs are available as VT 011 653 (in this issue) and VT 008 732 (AIM Winter 1970), and several related documents are available as VT 011 654, VT 011 655, and VT 011 657 (all in this issue). (SB)

VT 011 657

Lloyd, C.

Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Feb63 12p.; Presented at United Nations Conference on Science and Technology (Geneva, Switzerland, Feb. 1963).

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*APPRENTICESHIPS; CONFERENCE REPORTS; \*TRAINING; \*DEVELOPING NATIONS; \*PROGRAM DEVELOPMENT; PROGRAM PLANNING; HUMAN RESOURCES; MANPOWER DEVELOPMENT

ABSTRACT - Main points are summarized and supporting arguments are provided for papers presented at a United Nations Conference session on "New Systems of Vocational Training and Apprenticeship" which came under the heading "Human Resources." The purpose of the conference was to suggest solutions to the problems of developing countries. A country's human resources, while being its most valuable available asset, are often its most neglected asset. In order to create conditions in which man can satisfy his material needs and develop his personal aptitudes, the use of human resources must be planned. The framework of a policy of human resource development would include activities for improvement of health and living conditions, spread of general education, and stimulating economic and social development. Because manpower in developing countries is mainly untrained, and because training in these countries is often deficient or almost entirely lacking, long- and short-term planning of training is vital along with a realistic establishment of priorities. Examples of training programs and methods of insuring maximum return from training were considered. Related materials are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 656 (all in this issue). (SB)

VT 011 681

Impara, James C.; Alden, Ed R., Jr.

Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.

Florida State Dept. of Education, Tallahassee. Div. of Elementary and Secondary Education.

MF AVAILABLE IN VT-ERIC SET.

Report No. 82

PUB DATE - Jul70 17p.

DESCRIPTORS - \*PROGRAM EVALUATION; \*DATA COLLECTION; STATISTICAL DATA; REPORTS; \*FEDERAL PROGRAMS; \*INFORMATION NEEDS; \*PROGRAM COSTS; PROGRAM EFFECTIVENESS

ABSTRACT - This report includes tables of data using a newly developed method of reporting entitled "Consolidated Program Information Report" (CPIR). Developed by a special committee of state and federal representatives, CPIR is a systematic scheme for evaluation of funded programs which provides coordinated look at the various Federal funding programs in the local school districts of Florida. Tables in this report, providing only limited data and not encompassing all of CPIR, are: (1) Estimated Expenditures by Source of Funds, FY1969, (2) Estimated Expenditures for Selected Services and Activities, FY1969, and (3) Percent of Target Populations Being Served in FY1969. (JS)

VT 011 683 ED 043 741

PERSHING, REX WELDON

ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 188P.

DESCRIPTORS - BIBLIOGRAPHIES; \*DEGREE REQUIREMENTS; \*DOCTORAL PROGRAMS; DOCTORAL THESES; EDUCATIONAL SPECIFICATIONS; EVALUATION CRITERIA; GRADUATE STUDENTS; \*GRADUATE STUDY; HIGHER EDUCATION; \*INDUSTRIAL EDUCATION; \*STUDENT OPINION

ABSTRACT - AN OPINIONNAIRE WAS USED TO IDENTIFY CRITERIA REGARDING IMPROVEMENT REQUIREMENTS, PRACTICES, AND PROCEDURES FOR THE EVALUATION OF EXISTING AND THE DEVELOPMENT OF NEW INDUSTRIAL EDUCATION DOCTORAL PROGRAMS. DATA FROM 207 (77.8 PERCENT) DOCTORAL STUDENTS, WHO RECEIVED THEIR DEGREES BETWEEN JUNE 1964 AND FEBRUARY 1969 FROM 23 INSTITUTIONS, PROVIDED INFORMATION FOR THE FOLLOWING SELECTED FINDINGS: (1) THE ED.D. DEGREE WAS HELD BY 167 RESPONDENTS AND THE PH.D. BY 39 RESPONDENTS, WITH 201 BEING EMPLOYED IN EDUCATION RELATED OCCUPATIONS, (2) ADMISSION REQUIREMENTS SUGGESTED A B ON UPPER DIVISION UNDERGRADUATE AND GRADUATE COURSE WORK AND 2 OR 3 YEARS OF TEACHING EXPERIENCE FOR INDUSTRIAL EDUCATION MAJORS OR 1 TO 3 YEARS OF INDUSTRIAL WORK EXPERIENCE FOR TRADE AND INDUSTRIAL AND INDUSTRIAL-TECHNICAL EDUCATION STUDENTS, (3) NO MINIMUM SCORE ON THE GRADUATE RECORD EXAMINATION SHOULD BE STIPULATED, (4) COURSE WORK APPLICABLE TOWARD A DEGREE WAS TYPICALLY UNIVERSAL, (5) A DISSERTATION SHOULD BE REQUIRED AND DEFENDED ORALLY, (6) WRITTEN AND ORAL COMPREHENSIVE EXAMINATIONS SHOULD BE REQUIRED OF ALL STUDENTS, (7) RESIDENCY SHOULD CONSIST OF ONE ACADEMIC YEAR, AND (8) 18 AREAS OF STUDY WERE RECOMMENDED TO BE MADE AVAILABLE TO THE DOCTORAL STUDENT. THIS ED.D. DISSERTATION WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 687 ED 043 745

CARTER, P. JOHN

AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 125P.

DESCRIPTORS - \*ADMINISTRATOR ATTITUDES; BIBLIOGRAPHIES; \*CURRICULUM DEVELOPMENT; DOCTORAL THESES; \*INDUSTRIAL ARTS; INDUSTRIAL ARTS TEACHERS; \*NATIONAL PROGRAMS; NATIONAL SURVEYS; STATE SUPERVISORS; \*TEACHER ATTITUDES; TEACHER EDUCATORS  
IDENTIFIERS - \*NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS

ABSTRACT - TO DETERMINE THE ATTITUDES OF INDUSTRIAL ARTS EDUCATORS THROUGHOUT THE NATION TOWARD A MORE UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS, AN OPINIONNAIRE WAS COMPLETED BY 130 OF 150 SELECTED INDUSTRIAL ARTS DEPARTMENT CHAIRMEN OF COLLEGES AND UNIVERSITIES, BY 36 OF THE 50 STATE INDUSTRIAL ARTS SUPERVISORS OR CONSULTANTS, AND BY 194 (88 PERCENT RESPONSE) PUBLIC SECONDARY SCHOOL INDUSTRIAL ARTS TEACHERS. CONCLUSIONS WERE: (1) CURRICULAR REFORM IS A PROBLEM OF CONSIDERABLE IMPORTANCE, (2) ANY SUGGESTED CURRICULAR REFORM WILL NEED TO BE BUILT ON THE PRESENT STRUCTURE AND OFFERINGS OF INDUSTRIAL ARTS, (3) A "COMMON CORE" OF LEARNING EXPERIENCE FOR INDUSTRIAL ARTS NEEDS TO BE ESTABLISHED, (4) TERMS SUCH AS: "STANDARDIZATION," "UNIFORM NATIONWIDE CURRICULUM," AND "NATIONAL CURRICULUM," SHOULD BE AVOIDED BY THOSE WISHING TO ACHIEVE CURRICULAR REFORM, (5) ANY NATIONWIDE GUIDELINES MUST PROVIDE A DEGREE OF FREEDOM IN THE APPLICATION ACCORDING TO DIVERSE LOCAL SITUATIONS, AND (6) EFFECTIVE COMMUNICATION MUST BE ESTABLISHED AMONG ALL INDUSTRIAL ARTS EDUCATION PERSONNEL AND REPRESENTATIVES OF INDUSTRY IF A REFORM IS TO EMERGE. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 692

Post Secondary Distributive Education; A Suggested Guide for Administrators and Teachers.

Office of Education (DHEW), Washington, D.C. Bureau of Adult, Vocational, and Library Programs.

MF AVAILABLE IN VT-ERIC SET.

OE-82017

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(FS5.282:82017, \$.60).

PUB DATE - 69 64p.

DESCRIPTORS - \*DISTRIBUTIVE EDUCATION; CURRICULUM DEVELOPMENT; INSTRUCTOR COORDINATORS; \*PROGRAM GUIDES; EDUCATIONAL OBJECTIVES; \*PROGRAM EVALUATION; \*PROGRAM PLANNING; RECORDS (FORMS); PROGRAM ADMINISTRATION; \*PROGRAM DEVELOPMENT

ABSTRACT - This program guide for distributive education (DE) teachers and postsecondary school administrators was developed to provide ideas for evaluating present programs or for establishing new programs in postsecondary distributive

ARM/SPRING 71

education. The guide is divided into the following five topical sections: (1) Nature and Scope of Distributive Education, (2) Planning Postsecondary Distributive Education, (3) Developing Curriculums for Postsecondary Distributive Education, (4) Operating Postsecondary Distributive Education, and (5) Evaluating Postsecondary Distributive Education. Each section defines key terms, includes selected references, and discusses specific aspects of a DE program. Also included are a bibliography, suggestions for developing objectives, sample curriculums, and operational records and reports. (JS)

VT 011 693 ED 042 912

FILEP, ROBERT T.; SALES, T. BRADFORD

JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.

INSTITUTE FOR EDUCATIONAL DEVELOPMENT, EL SEGUNDO, CALIF.

EDRS PRICE MF-\$0.65 HC-\$3.29

INSTITUTE FOR EDUCATIONAL DEVELOPMENT, 52 VANDERBILT AVENUE, NEW YORK, NEW YORK 10017 (\$2.00)

PUB DATE - APR 70 81P.

DESCRIPTORS - \*EDUCATIONAL INNOVATION; \*EDUCATIONAL PROGRAMS; EVALUATION; \*RELEVANCE (EDUCATION); \*SCHOOL COMMUNITY COOPERATION; SCHOOL SYSTEMS; \*SCHOOL VISITATION; SURVEYS

ABSTRACT - DURING THE DECADE OF THE SEVENTIES MANY CHANGES IN EDUCATION WILL OCCUR WHICH WILL AFFECT STUDENTS, TEACHERS, AND ADMINISTRATORS AS WELL AS THE CURRICULUM. TO REVIEW SOME OF THE INNOVATIVE WAYS SELECTED SCHOOLS ARE ALREADY CHANGING THEIR PROGRAMS IN AN EFFORT TO BE MORE RELEVANT, A PILOT VISIT WAS MADE BY 81 BUSINESSMEN AND EDUCATORS TO FIVE SCHOOLS ACROSS THE COUNTRY. THE VISIT, COORDINATED BY THE NORTHERN CALIFORNIA INDUSTRY-EDUCATIONAL COUNCIL, SOUGHT TO PROVIDE AN OVERVIEW OF EDUCATIONAL INNOVATIONS AND TO PROVIDE A BASIS FOR EVALUATING THESE NEW APPROACHES. MANY PARTICIPANTS COMPLAINED OF THE TIGHT SCHEDULE AND THE LARGE SIZE OF THE GROUP BUT STILL FOUND THE TRIP TO BE VALUABLE FROM THE STANDPOINT OF THE DIALOGUE WHICH TOOK PLACE. ALSO THE TRAVELERS PERCEIVED HOW CERTAIN APPROACHES COULD BE ADAPTED FOR THEIR COMMUNITIES. RECOMMENDATIONS FOR FUTURE TRIPS OF THIS NATURE EMPHASIZE THE NEED FOR PRE-PLANNING ACTIVITIES. A RELATED DOCUMENT IS AVAILABLE AS ED 038 534. (JS)

VT 011 703 ED 042 914

LONG, GILBERT ANDREW

PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 144P.

DESCRIPTORS - ADMINISTRATIVE PERSONNEL; \*ADMINISTRATOR RESPONSIBILITY; COMPARATIVE ANALYSIS; \*DECISION MAKING; DOCTORAL THESES; EDUCATIONAL RESEARCH; PRINCIPALS; SCHOOL SUPERINTENDENTS; SECONDARY SCHOOLS; \*TEACHER RESPONSIBILITY; \*VOCATIONAL EDUCATION; \*VOCATIONAL EDUCATION TEACHERS

ABSTRACT - TO DETERMINE WHERE VOCATIONAL EDUCATION DECISIONS ARE MADE IN THE ADMINISTRATIVE HIERARCHY OF THE SCHOOL SYSTEM AND TO MEASURE THE EXTENT OF AGREEMENT CONCERNING THE LOCATION OF DECISION RESPONSIBILITY, SUPERINTENDENTS, PRINCIPALS, AND 204 VOCATIONAL TEACHERS IN 22 OHIO SECONDARY SCHOOLS WERE INTERVIEWED USING A DECISION ANALYSIS INSTRUMENT COMPOSED OF 45 DECISIONS. THE RESPONDENTS GENERALLY AGREED UPON THE LOCATION OF DECISION RESPONSIBILITY FOR 38 OF THE 45 DECISIONS. BY USING THE SAME ANALYSIS INSTRUMENT, A JURY OF EXPERTS IN SCHOOL ADMINISTRATION WERE IN AGREEMENT FOR 35 OF THESE 38 DECISIONS, INFERRING THAT EXPERTS IN EDUCATIONAL ADMINISTRATION CAN PROJECT DECISION-MAKING FUNCTIONS IN SECONDARY SCHOOLS. GREATER AGREEMENT IN PERCEPTION BY THE RESPONDENTS WAS FOUND CONCERNING TEACHERS' RESPONSIBILITIES, INFERRING THAT TEACHERS' DECISIONAL FUNCTIONS ARE MORE COMMONLY RECOGNIZED THAN ARE THOSE OF THE PRINCIPAL OR SUPERINTENDENT. SO THAT STAFF MAY BE TRAINED TO MAKE DECISIONS WITHIN THEIR PARTICULAR FUNCTION, MORE RESEARCH SHOULD BE CONDUCTED TO DEFINE DECISION RESPONSIBILITIES OF TEACHERS, PRINCIPALS, AND SUPERINTENDENTS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (GB)

VT 011 705 ED 043 751

TAZIRI, KIMMIE; BLAKE, DUANE L.

THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - JUN 70 30P.



DESCRIPTORS - BIBLIOGRAPHIC CITATIONS; \*EDUCATIONAL ADMINISTRATION; \*HUMAN RELATIONS; \*LEADERSHIP TRAINING; \*MENTAL HEALTH; SOCIAL RELATIONS; STUDENT TEACHER RELATIONSHIP; \*VOCATIONAL EDUCATION; VOCATIONAL EDUCATION TEACHERS; WORKSHOPS

ABSTRACT - INTENDED TO EXPLORE PROCESSES IN THE INTERACTIONS OF HUMAN RELATIONS AND POTENTIALITIES WHICH MIGHT BE APPLIED TO LEADERSHIP DEVELOPMENT WITHIN THE REALM OF ADMINISTRATION AND TEACHING OF VOCATIONAL EDUCATION, THIS STUDY RELATES THE IMPORTANCE OF REMOVING COMMUNICATION BARRIERS AND OF BUILDING THE ATMOSPHERE OF TRUST. THE STRUCTURAL BASIS FOR FORMULATING THE DEVELOPMENT COVERED FOUR MAJOR INTERRELATED AREAS: (1) PERSONAL AND SOCIAL RELATIONS, (2) OCCUPATIONAL INTERACTIONS, (3) EDUCATIONAL RELATIONSHIPS, AND (4) INTEGRATION OF HUMAN POTENTIALITIES IN LEADERSHIP DEVELOPMENT. IT IS RECOMMENDED THAT THE READER UTILIZE THE APPENDED LIST OF SUGGESTED REFERENCES TO GAIN MORE INFORMATION RELATIVE TO LEADERSHIP DEVELOPMENT. (GB)

VT 011 706 ED 043 752

ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.  
PUB DATE - JUN 69 432P.

DESCRIPTORS - \*EDUCATIONAL LEGISLATION; FEDERAL AID; \*FEDERAL LAWS; \*FEDERAL LEGISLATION; FEDERAL PROGRAMS; \*REFERENCE MATERIALS; \*TRAINING  
IDENTIFIERS - \*COMMITTEE ON LABOR AND PUBLIC WELFARE; US SENATE

ABSTRACT - DIGESTS OF LAWS WITH PARTICULAR REFERENCE TO THEIR EDUCATIONAL AND TRAINING FEATURES ARE REPORTED IN THIS COMPREHENSIVE RECORD OF THE ENACTMENTS BY THE 90TH CONGRESS DURING ITS SECOND SESSION OF 1968. INCLUDED ARE ACTS RELATING TO TRAINING AND EDUCATION THAT CONCERN STUDENTS, TEACHERS, OR EDUCATION INSTITUTIONS. THE INFORMATION FOR THIS REPORT WAS OBTAINED FROM THE WEEKLY COMPILATION OF PRESIDENTIAL DOCUMENTS, THE CALENDARS OF THE HOUSE OF REPRESENTATIVES, THE DIGEST OF PUBLIC GENERAL BILLS AND SELECTED RESOLUTIONS, THE TEXTS OF INDIVIDUAL BILLS, THE HOUSE AND SENATE HEARINGS AND COMMITTEE REPORTS ON THESE BILLS, AND THE STATUTES AT LARGE. SECTIONS IN THE DOCUMENT REPORT THE LEGISLATIVE HISTORY, DIGEST, AND TEXT OF EACH BILL, A SUMMARY OF THE LEGISLATION, AND PRESIDENTIAL RECOMMENDATIONS AND STATEMENTS CONCERNING EDUCATION AND TRAINING. (NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT). (SB)

VT 011 742

Malinski, J.P.

Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.

Minnesota State Dept. of Education, St. Paul. Program Development Section.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 26p.; Prepared for Delivery at the Institute for Coordination of Supportive Services for Vocational Education Students in Rural Areas (Arkansas Univ., Fayetteville, Jan 26-30, 1970

DESCRIPTORS - \*PROGRAM PLANNING; \*PROGRAM COORDINATION; EDUCATIONAL PROGRAMS; \*VOCATIONAL EDUCATION; \*RURAL AREAS; FEDERAL LEGISLATION; \*ANCILLARY SERVICES; SPEECHES

ABSTRACT - Until recently, vocational educators were not concerned with the supportive services for students which existed outside the school setting. This was especially true in rural areas because most of the vocational programs were in agriculture and homemaking with supportive services provided as an integral part and also because rural societies provided many of these services on an informal basis. Changes in agriculture created a surplus population which migrated to the cities, and one reaction to the problems caused by these changes has been an effort to provide for more balance between the large centers and rural areas. Though many recent federal laws authorizing support activities are not limited to cities, most of the programs have been designed for urban populations because of the population concentration and available administrative skill. Steps to use in coordinating services in any setting include: (1) planning, which entails analyzing occupational requirements and the population as well as making a current program inventory, (2) programing and budgeting, which includes establishing objectives and determining alternative ways to achieve them, and (3) analysis. (SB)

VT 011 745 ED 043 756

LANTON, LLOYD HOUSTON

COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 186P.

DESCRIPTORS - ADMINISTRATIVE CHANGE; \*ADMINISTRATOR ATTITUDES; \*CHANGING ATTITUDES;  
\*COMMUNICATIONS; DATA COLLECTION; DOCTORAL THESES; \*EDUCATIONAL INNOVATION; RESEARCH  
DESIGN; STATE DEPARTMENTS OF EDUCATION; \*VOCATIONAL EDUCATION

ABSTRACT - REALIZING THAT THE INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL  
EDUCATION CAN BE ENHANCED THROUGH COMMUNICATIONS NETWORKS, THIS STUDY SOUGHT (1) TO  
DESCRIBE THE DEGREE OF ASSOCIATION BETWEEN SELECTED COMMUNICATION NETWORK  
CHARACTERISTICS AND ATTITUDES OF PERSONNEL IN A STATE DIVISION OF VOCATIONAL EDUCATION,  
AND (2) TO ASSESS THE RIGIDITY OF OPENNESS-TO-CHANGE AND DYNAMIC-TRACTIVE SUPERVISORY  
ATTITUDES OF THESE PERSONNEL. THE SOURCES OF DATA INCLUDED QUESTIONNAIRES AND PERSONAL  
INTERVIEWS WHILE THE ANALYSIS INCLUDED USE OF THE LATIN SQUARE RESEARCH DESIGN, PRETEST-  
POSTTEST METHOD, INTERVAL LEVEL INDICES, AND THE PARAMETRIC AND NON-PARAMETRIC METHOD.  
AMONG THE CONCLUSIONS WERE THAT ATTITUDES CONDUCTIVE TO INNOVATIVE POTENTIAL MAY BE  
CHANGED BY SELECTED STIMULI AND THAT ATTITUDES TOWARD CHANGE WERE MORE POSITIVE FOR  
PERSONNEL AT THE HIGHER STRUCTURAL POSITIONS OF THE STATE DIVISION OF VOCATIONAL  
EDUCATION. RECOMMENDATIONS IN TWO PARTS ARE DIRECTED TO VOCATIONAL EDUCATION PERSONNEL  
PRIMARILY INVOLVED WITH ADMINISTRATION, ORGANIZATION, AND INNOVATION, AND TO  
RESEARCHERS. THIS PH.D. DISSERTATION WAS PRESENTED TO THE OHIO STATE UNIVERSITY.  
(AUTHOR/JS)

VT 011 766 ED 042 926

BUDKE, WESLEY EUGENE

GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH  
SCHOOL LEVEL.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 256P.

DESCRIPTORS - CAREER PLANNING; COMPARATIVE ANALYSIS; EDUCATIONAL OBJECTIVES;  
EDUCATIONAL PLANNING; \*EDUCATIONAL PRINCIPLES; \*GUIDELINES; JUNIOR HIGH SCHOOLS;  
\*PREVOCATIONAL EDUCATION; \*PROGRAM DEVELOPMENT; SCHOOL PERSONNEL

ABSTRACT - STARTING WITH THE PREMISE THAT THERE IS A NEED FOR CONTINUOUS VOCATIONAL  
EDUCATION FROM EARLY CHILDHOOD THROUGHOUT LIFE, THIS STUDY SOUGHT TO DEVELOP GUIDELINES  
FOR USE IN ORGANIZING, OPERATING, AND ADMINISTERING PREVOCATIONAL EDUCATION PROGRAMS AT  
THE JUNIOR HIGH SCHOOL LEVEL. THE STUDY WAS NATIONAL IN SCOPE AND MADE USE OF A  
QUESTIONNAIRE TO CONTACT 29 DIRECTORS OF LOCAL PROGRAMS OF OCCUPATIONAL ORIENTATION AND  
EXPLORATION. AFTER ANALYSIS OF THE 20 RETURNED QUESTIONNAIRES, AND REVIEW OF THE  
RELATED LITERATURE, AN INVENTORY OF COMMON PROGRAM AREAS WAS PREPARED AND SUBMITTED TO  
A JURY OF EXPERTS, WHO INDICATED THE RELATIVE IMPORTANCE OF EACH. THE RESULT OF THESE  
ACTIVITIES WAS A GUIDELINE STATEMENT AND ACCOMPANYING GUIDING PRINCIPLES FOR EACH OF  
THE 13 IDENTIFIED AREAS, INCLUDING (1) PROGRAM OBJECTIVES, (2) PROGRAM DESIGN, (3)  
GRADE LEVEL OF STUDENT INVOLVEMENT, (4) PROGRAM FINANCING, AND (5) CURRICULUM AND  
ACTIVITIES. THESE GUIDELINES ARE USABLE IN THE DEVELOPMENT OF JUNIOR HIGH SCHOOL  
PREVOCATIONAL EDUCATION PROGRAMS AND SHOULD BE DISSEMINATED FOR USE BY CONCERNED  
EDUCATORS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (JS)

VT 011 771 ED 042 927

GRAY, KENNEY EARL

COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF  
VOCATIONAL-TECHNICAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR MICHIGAN 48106  
PUB DATE - 70 177P.

DESCRIPTORS - \*ABILITY IDENTIFICATION; DATA COLLECTION; MODELS; \*PERSONNEL DATA;  
\*PROFESSIONAL PERSONNEL; \*PROGRAM PLANNING; STATE AGENCIES; STATE DEPARTMENTS OF  
EDUCATION; \*VOCATIONAL EDUCATION  
IDENTIFIERS - \*ARNOLD PLANNING MODEL; DELPHI TECHNIQUE

ABSTRACT - THE LEGISLATIVE REQUIREMENTS FOR STATE-LEVEL PLANNING IN VOCATIONAL  
EDUCATION AND THE CHANGING SOCIOECONOMIC PROBLEMS CONFRONTING VOCATIONAL EDUCATION WERE  
COMPELLING FORCES IN THE CONCEPTUALIZATION AND CONDUCT OF THIS STUDY. TO IDENTIFY THE  
COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING WITHIN STATE DIVISIONS OF  
VOCATIONAL-TECHNICAL EDUCATION, THREE SUCCESSIVE MAIL QUESTIONNAIRES WERE SENT TO  
TWENTY PRACTITIONERS, OF WHOM SEVEN WERE CHIEFS OF PLANNING. AS A RESULT OF THIS



INVESTIGATION A GROUP OF 147 COMPETENCIES WERE IDENTIFIED AS NEEDED BY PLANNING PERSONNEL, INCLUDING COMPETENCIES RELATED TO SOCIOECONOMIC PLANNING, PROGRAM PLANNING, AND RESOURCE PLANNING. IT WAS CONCLUDED THAT STATE-LEVEL PLANNING IN VOCATIONAL AND TECHNICAL EDUCATION UTILIZING THE ARNOLD MODEL INVOLVES SPECIALIZED ASSIGNMENTS REQUIRING PERFORMANCE OF SPECIFIC PLANNING COMPETENCIES. RECOMMENDATIONS INCLUDED MORE INTENSIVE STUDY OF PLANNING COMPETENCIES AND ADDITIONAL RESEARCH IN PLANNING OPERATIONS. THIS PH.D. DISSERTATION WAS PRESENTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 777

Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).

Education Commission of the States, Denver, Colo.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 18 May 70 6p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*ACCREDITATION (INSTITUTIONS); \*PROGRAM EVALUATION; \*ADMINISTRATIVE AGENCIES; \*STANDARDS; PROGRAM IMPROVEMENT; VOCATIONAL EDUCATION; EVALUATION NEEDS

ABSTRACT - An interagency meeting held in Chicago to discuss problems concerning vocational education accreditation identified six major areas of concern. These areas included the need for looking much more closely at the relation between specialized and general and/or pragmatic and institutional accreditation as particularly critical in occupational accreditation. Other areas of concern were related to (1) flexibility in accreditation, (2) admissions, facilities, and faculties, (3) the relation of vocational education to meeting manpower needs, and (4) the differences and relations among accreditation, licensure, and approval of establishment of new institutions. The full report of this conference is not available; a related document, however, is available as VT 011 778 (also in this issue). (AUTHOR/JS)

VT 011 778

Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).

Education Commission of the States, Denver, Colo.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 15 Apr 70 3p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*ACCREDITATION (INSTITUTIONS); PERFORMANCE CRITERIA; \*HIGHER EDUCATION; \*PROGRAM EVALUATION; EDUCATIONAL NEEDS; PROGRAM COORDINATION; \*EDUCATIONAL PLANNING; PROGRAM EFFECTIVENESS

ABSTRACT - Chaired by Governor Robert E. McNair of South Carolina, the Task Force identified several areas of needs pertaining to vocational education in higher education. Among these were the need within states for continued comprehensive educational planning at all levels and the need for complementary and reasonably structured approaches to vocational education accreditation. The full report of this conference is not available, however, a related document is available as VT 011 777 (also in this issue). (JS)

VT 011 785

Pachucki, Chester

Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.

Illinois Junior Coll. Board, Springfield.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan 70 20p.

DESCRIPTORS - \*STUDENT ENROLLMENT; \*EDUCATIONAL PROGRAMS; \*STATE SURVEYS; \*JUNIOR COLLEGES; \*TECHNICAL EDUCATION; VOCATIONAL EDUCATION; PARAPROFESSIONAL SCHOOL PERSONNEL; PARAMEDICAL OCCUPATIONS; GRADUATES; MANPOWER NEEDS

ABSTRACT - Overwhelming demands on the time of the professional have resulted in a corresponding need for paraprofessionals to take over the routine jobs that were once done only by the doctor, engineer, or teacher. Illinois is meeting this need for paraprofessionals through a variety of programs in areas such as biological sciences, the health field, and data processing. In addition to employment data this survey provides information in table form on career programs offered in fall term 1969 in Illinois Public Junior Colleges, including enrollment figures, degree programs, and the number of graduates per program as of June 1969. (JS)

HYPOTHESIS, THAT CURRICULUM MIX IS AFFECTED BY THE LOCAL ADMINISTRATORS' BUDGETARY ALLOCATIONS. THIS CAN RESULT IN A DRIFT IN CURRICULUM AWAY FROM OPTIMALITY TOWARD A POSITION MORE "PROFITABLE" TO THE LOCAL ADMINISTRATOR IN TERMS OF BUDGETARY CONSIDERATIONS. (BH)

VT 011 473 ED 043 738

RESNICK, HAROLD S.

THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 315P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; \*FLEXIBLE SCHEDULING; \*INDUSTRIAL EDUCATION; \*NATIONAL SURVEYS; \*SCHEDULE MODULES; SECONDARY SCHOOLS  
IDENTIFIERS - \*FLEXIBLE MODULAR SCHEDULING

ABSTRACT - TO PROVIDE A GUIDE FOR IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION, THIS STUDY EXAMINED THE INDUSTRIAL EDUCATION DEPARTMENTS OF SCHOOLS UTILIZING THE SCHEDULING AND DETERMINED THE ADMINISTRATIVE AND INSTRUCTIONAL PROCEDURES EMPLOYED BY THEM. THE FOLLOWING CONCLUSIONS AND RECOMMENDATIONS WERE BASED ON 64 (83.1 PERCENT) RETURNED INSTRUMENTS: (1) FORMAL ARRANGEMENT FOR INDUSTRIAL EDUCATION EXISTED EVEN THOUGH THE SCHOOL WAS EXPERIMENTING WITH AN INNOVATIVE PROGRAM, (2) LARGE GROUP INSTRUCTION WAS USED BY ALMOST 50 PERCENT OF THE SCHOOLS, PRIMARILY AS A ONE-TEACHER PRESENTATION, (3) STRUCTURED LABORATORY SECTIONS HAVE BEEN REDUCED FROM 5 HOURS TO APPROXIMATELY 2 HOURS PER WEEK, AND GENERALLY FOLLOW THE SAME PATTERN AS TRADITIONAL LABORATORY ACTIVITIES, (4) MOST SCHOOLS ALLOCATE TO THEIR STUDENTS APPROXIMATELY 40 PERCENT UNSCHEDULED TIME, (5) STUDENT HONOR SYSTEM IS USED IN RESPECT TO SAFETY, CLEAN-UP, TOOL USAGE, AND ATTENDANCE DURING OPEN LAB MODS, (6) THERE IS A LACK OF ADEQUATE PARAPROFESSIONAL SUPPORT AND DIFFERENTIATED STAFFING PATTERNS, (7) VERY FEW SCHOOLS HAVE A RESOURCE CENTER, AND (8) A GENERAL PATTERN INCLUDES ONE LARGE GROUP MEETING PER WEEK, TWO STRUCTURED LABS AND THE USE OF OPEN LABS. THIS ED.D. THESIS WAS SUBMITTED TO WAYNE STATE UNIVERSITY. (GR)

VT 011 539 ED 042 907

BELITSKY, A. HARVEY

PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.

UPJOHN (W.E.) INST. FOR EMPLOYMENT RESEARCH, KALAMAZOO, MICH.

EDRS PRICE MF-\$0.65 HC-\$3.29

THE W.E. UPJOHN INSTITUTE, 1101 SEVENTEENTH STREET, N.W., WASHINGTON, D.C. 20036

(SINGLE COPIES AVAILABLE WITHOUT CHARGE)

PUB DATE - JUN 70 34P.

DESCRIPTORS - EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; EDUCATIONAL STATUS COMPARISON; \*POST SECONDARY EDUCATION; \*PRIVATE SCHOOLS; STUDENT LOAN PROGRAMS; STUDENT NEEDS; \*VOCATIONAL EDUCATION

ABSTRACT - TWO CONDITIONS MAKE THE FUTURE OF PRIVATE VOCATIONAL SCHOOLS LOOK BRIGHT. FIRST, ONLY ABOUT ONE-FOURTH OF ALL HIGH SCHOOL STUDENTS ARE CURRENTLY ENROLLED IN VOCATIONAL PROGRAMS, AND SECOND, IT IS ESTIMATED THAT MORE THAN THREE-FOURTHS OF ALL STUDENTS COULD BENEFIT FROM SUCH PROGRAMS. A RECENT STUDY REVEALED A TOTAL OF 7,000 PRIVATE, PROFIT-MAKING SCHOOLS WERE SERVING AN ESTIMATED 1.5 MILLION STUDENTS, MEETING THE NEEDS OF STUDENTS THROUGH THEIR DIVERSIFICATION OF PROGRAMS AND THEIR HIGHLY SPECIALIZED STAFF. IN PRIVATE VOCATIONAL SCHOOLS THE EVALUATIONS ARE USUALLY MADE BY PRIVATE ACCREDITING ORGANIZATIONS; STUDENT FAILURE MEANS TEACHER FAILURE, AND THE DROPOUT RATE IS USUALLY LOWER THAN THAT OF HIGH SCHOOLS AND COLLEGES. THE USEFULNESS OF THE PRIVATE SCHOOLS WOULD BE ENHANCED BY CONGRESSIONAL RECOMMENDATION FOR USE OF THE SCHOOLS UNDER PROVISIONS OF THE VOCATIONAL EDUCATION ACT LEADING TO JOINT VENTURES WITH PUBLIC HIGH SCHOOLS, AND BY A GOVERNMENT-SPONSORED LOAN-GRANT PROGRAM ENABLING MORE STUDENTS TO ATTEND THESE PRIVATE SCHOOLS. (JS)

VT 011 540 ED 042 908

BICE, GARRY R.

THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-3-7-000158-2037 08

BR-7-0158

PUB DATE - AUG 70 85P.

DESCRIPTORS - AGRICULTURAL EDUCATION; \*BEHAVIOR CHANGE; \*BEHAVIOR PATTERNS; \*CHANGE AGENTS; EDUCATIONAL INNOVATION; OPINIONS; STATISTICAL DATA; \*VOCATIONAL EDUCATION

ABSTRACT - TO GAIN INSIGHT INTO A LEADER'S ABILITY TO EFFECT CHANGE BY INFLUENCING GROUP PEERS THIS STUDY SOUGHT TO IDENTIFY STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR CHARACTERISTICS OF THE SCHOOL SYSTEMS IN WHICH OPINION LEADERS AND ISOLATES WORK, AS THEY RELATE TO A CHANGE STRATEGY FOR VOCATIONAL-TECHNICAL EDUCATION. BASED ON QUESTIONNAIRE DATA COLLECTED FROM A RANDOM SAMPLE OF 57 VOCATIONAL AGRICULTURE TEACHERS, THE STUDY REVEALED THAT THE SUCCESS OF AN OPINION LEADER IS RELATED TO THE DEFINITION OF THE PEER GROUP AND TO THE SCHOOL IN WHICH HE TEACHES. (JS)

VT 011 543

Building Trades, Skopje, Yugoslavia Training Centre.

International Labour Organisation, Geneva (Switzerland)

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 57p.

DESCRIPTORS - \*INTERNATIONAL ORGANIZATIONS; \*INTERNATIONAL PROGRAMS; \*JOB TRAINING; \*CONSTRUCTION INDUSTRY; \*CONSTRUCTION PROGRAMS; REPAIR; MAINTENANCE; BUILDING TRADES; TEACHING METHODS

ABSTRACT - After the 1963 earthquake the International Labor Organisation collaborated with the Government of Yugoslavia in the establishment and initial operation of a center for training building construction personnel to reconstruct Skopje. The Center is the first vocational school ever established there, and is intended to improve standards of trade instructors, foremen, and skilled workers, which will raise the efficiency of construction, production, maintenance and repair operations. The program provides training in areas of: (1) assembly of prefabricated buildings, (2) operation, maintenance, and repair of building machinery, (3) plumbing, heating, and sanitary installations, (4) electrical installations, (5) carpentry and floor laying, (6) brick and masonry, and (7) methods and techniques of instructing. The 3-year project has been successful in fulfilling its broad objectives. (GB)

VT 011 552

Vermeulen, Robert

Lincoln Skills Center; The Story of Its Struggles and Successes.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.

MF AVAILABLE IN VT-ERIC SET.

W.E. Upjohn Institute for Employment Research, 300 South Westnedge Avenue, Kalamazoo, Michigan 49007 (\$25).

PUB DATE - Dec69 34p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*PROGRAM PLANNING; PROGRAM IMPROVEMENT; JOB PLACEMENT; \*SKILL CENTERS

ABSTRACT - The Lincoln Skills Center encountered typical problems during its initial approval and funding stages, but was finally underway in September 1967, working to make trainees more employable. This study of the Center and its problems found that: (1) the basic education program was beneficial to those who had attained a sixth-grade education, (2) most trainees benefited from vocational education, (3) the dropout rate was lower than the national average, and (4) employers were willing to hire the graduates. Major recommendations of this review were that funding of this type of program should continue, however, adequate planning time should be allowed for future programs, and special efforts should be made to recruit trainees. The complete study on which this report is based is available from University Microfilms, Ann Arbor, Michigan 48106. (JS)

VT 011 553

Adair, Kent T.

Supervision in the Missouri Wood Products Industry. Research Bulletin 968.

Missouri Agricultural Experiment Station, Columbia.

Department of Agriculture, Carbondale, Ill. North Central Forest Experiment Station

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep69 39p.

DESCRIPTORS - \*LUMBER INDUSTRY; \*MANAGEMENT EDUCATION; MANAGEMENT DEVELOPMENT; LEADERSHIP TRAINING; INTERVIEWS; \*ADMINISTRATIVE PERSONNEL; SURVEYS; \*SUPERVISOR QUALIFICATIONS; \*ADMINISTRATIVE PROBLEMS



ABSTRACT - Major supervisory problems of the Missouri woods products industry were investigated through personal interviews with 68 owners or managers and 27 supervisors to learn firm and supervisory characteristics. The study found that supervisors operate under both industrywide and managerial constraints. They must deal with a low wage labor force with high turnover rates, while facing almost static employment structure for supervisors in the State. The typical supervisor in the industry was found to be undertrained and cut off from management, a condition which emphasizes the need for management training. (BH)

VT 011 560 ED 042 046  
TIEDEMAN, DAVID V., AND OTHERS  
AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.

HARVARD UNIV., CAMBRIDGE, MASS. GRADUATE SCHOOL OF EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-1-6-061819-2240 08  
BR-6-1819

PUB DATE - MAY 70 93P.

DESCRIPTORS - COMPUTERS; DATA; \*DECISION MAKING; EDUCATIONAL OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES; \*INFORMATION SYSTEMS; INTERACTION; \*OCCUPATIONAL CHOICE; \*OCCUPATIONAL INFORMATION; RESEARCH PROJECTS; SYSTEMS CONCEPTS; \*VOCATIONAL EDUCATION

ABSTRACT - THE DECISION MAKING PROCESS REQUIRES MORE THAN MERELY GATHERING AND HAVING ACCESS TO DATA. IT ALSO INVOLVES GATHERING THE "CORRECT" DATA AND "INTERACTING" WITH THAT DATA TO REALIZE A DESIRED OUTCOME. TO PROVIDE STUDENTS WITH THIS TYPE OF DATA ABOUT EDUCATION AND WORK OPPORTUNITIES IN SUCH A WAY THAT THEY CAN RELATE IT TO THEIR OWN GOALS WAS THE OBJECTIVE OF THE COMPUTER BASED INFORMATION SYSTEM FOR VOCATIONAL DECISIONS (ISVD). HOWEVER, FIELD TESTS OF THE SYSTEM WERE HAMPERED BY TECHNICAL PROBLEMS AND BY THE MISUNDERSTANDING OF THE OBJECTIVE OF ISVD. THE PROJECT DID CLEARLY DEMONSTRATE THAT IT IS POSSIBLE TO: (1) INTERACT WITH AN INQUIRER IN A NATURAL LANGUAGE MEDIUM, (2) INTERACT WITH SEVERAL INQUIRERS SIMULTANEOUSLY, (3) RECOGNIZE AND RESPOND APPROPRIATELY TO INDIVIDUAL REQUESTS, AND (4) PROVIDE FACTS AND DATA AT VARIOUS LEVELS OF SPECIFICITY TO SUIT THE MODE IN WHICH THE USER IS OPERATING. (JS)

VT 011 580  
Butler, Richard P.; Gordon, Michael E.  
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.

Oak Ridge Associated Universities, Tenn.  
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
Tennessee State Dept. of Education, Nashville. Div. of Vocational-Technical Education.  
Tennessee Dept. of Employment Security, Nashville.  
Tennessee Univ., Knoxville.  
Office of Education (DHEW), Washington, D.C.  
Department of Labor, Washington, D.C.  
Atomic Energy Commission, Oak Ridge, Tenn.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jul70 32p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*FEDERAL PROGRAMS; UNEMPLOYED; QUESTIONNAIRES; \*STATISTICAL SURVEYS; \*TRAINEES; \*PROGRAM ATTITUDES  
IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT

ABSTRACT - This study investigates trainee attitudes toward the technical training phase of the manpower development project, Training and Technology (TAT). A 111-item evaluation form made up of experiences most likely to cause either a positive or negative reaction in trainees was distributed to all program participants in August, 1969. A seven point rating scale was used to indicate feelings about statements concerned with four general employment factors: (1) working conditions and the work itself, (2) achievement, (3) company policy and administration, and (4) interpersonal relations. Reaction to the program was generally favorable, although working conditions received the largest negative response, mainly because of dissatisfaction with the food in the canteen. A general feeling of achievement and self-confidence resulted in favorable attitudes toward the work itself and the other areas. (BH)

VT 011 586  
Brooking, Walter J.  
Preparation of Technicians for Environmental Control.

Personnel in Indonesia" by the Perhimpunan Management Association, and (5) "Relation between Training Planning and Educational Planning in Economic Development" by Kartomo Wirosuhardjo. Included in the recommendations of the seminar were the setting up of a central training authority and the establishment of advisory training councils at the central, provincial, and local levels to assist in developing training programs (AUTHOR/JS)

VT 011 828

Status of Adult Vocational Education in Utah.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 69p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*SURVEYS; ADMINISTRATIVE POLICY; \*PROGRAM COSTS; GUIDANCE SERVICES; COUNSELING SERVICES; \*GUIDELINES; STUDENT ENROLLMENT; \*ENROLLMENT PROJECTIONS; FEMALES; ADULT STUDENTS; TEACHER QUALIFICATIONS

ABSTRACT - To ascertain the status of adult vocational education in the public secondary schools of Utah, this project sent questionnaires to school administrators in each of the 40 school districts as well as to a sample of 1,200 adult education students. Of the 35 school administrators in charge of adult vocational education responding to the questionnaire, 97 percent indicated an expected growth in adult vocational programs, and 94 percent said that occupational experience was an important qualification in selecting teachers. It was also pointed out that better financing, broader course offering, and better qualified teachers are vital to the improvement of the program. Information received from 835 students revealed that 61 percent of the responses came from women over 30 and that most women were enrolled in office occupations and home economics classes. Cost data obtained from state offices provided an average cost per class of \$149. Reviewing the collected data, it is evident that administrators vary considerably in setting fees and minimum enrollments for adult classes and that they see little need for providing guidance services and followup procedures for adult education students. It is recommended that administrative guidelines be established and that guidance services be provided. (JS)

VT 011 831 ED 043 765

ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.

AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL. COUNCIL ON MEDICAL EDUCATION.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.  
DEPARTMENT OF ALLIED MEDICAL PROFESSIONS AND SERVICES, AMERICAN MEDICAL ASSOCIATION,  
535 NORTH DEARBORN STREET, CHICAGO, ILLINOIS 60610  
PUB DATE - 69 120p.

DESCRIPTORS - \*ACCREDITATION (INSTITUTIONS); \*DIRECTORIES; \*EDUCATIONAL PROGRAMS; \*GUIDELINES; HEALTH OCCUPATIONS; \*HEALTH OCCUPATIONS EDUCATION; PROGRAM ADMINISTRATION

ABSTRACT - PREPARED BY THE COUNCIL ON MEDICAL EDUCATION OF THE AMERICAN MEDICAL ASSOCIATION WITH THE COOPERATION OF COLLABORATING ORGANIZATIONS, THIS DOCUMENT IS A COLLECTION OF GUIDELINES FOR ACCREDITED PROGRAMS FOR MEDICAL ASSISTANTS, NUCLEAR MEDICINE TECHNOLOGY, ORTHOPEDIC ASSISTANTS, RADIATION THERAPY TECHNOLOGY, AND RADIOLOGIC TECHNOLOGISTS. THE ESSENTIALS OF ADMINISTRATION, ORGANIZATION, FACULTY, FACILITIES, ADMISSION REQUIREMENTS, HEALTH, CURRICULUM, ETHICS, AND ADMISSIONS TO THE APPROVED LIST OF PROGRAMS ARE OUTLINED. IN ADDITION TO THE GUIDELINES, DIRECTORIES OF ACCREDITED PROGRAMS FOR CERTIFIED LABORATORY ASSISTANTS, MEDICAL RECORD LIBRARIANS, AND TECHNOLOGISTS, CYTOTECHNOLOGY, INHALATION THERAPY, MEDICAL TECHNOLOGY, OCCUPATIONAL THERAPY, PHYSICAL THERAPY, AND RADIOLOGIC TECHNOLOGY ARE INCLUDED. PROGRAM LISTINGS ARE ORGANIZED BY STATE, AND INCLUDE CITY, INSTITUTION, AFFILIATED INSTITUTION, PROGRAM DIRECTOR AND TEACHING SUPERVISOR, ENTRANCE REQUIREMENTS, PROGRAM LENGTH, STUDENT CAPACITY, DATE PROGRAM BEGINS, TUITION, AND STIPEND. THE GUIDELINES OR PROGRAM LISTINGS ARE AVAILABLE INDIVIDUALLY FROM THE ADDRESS GIVEN ABOVE. (SB)

VT 011 836 ED 043 766

KAHLER, CAROL, ED., AND OTHERS  
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.

AMERICAN ASSOCIATION OF JUNIOR COLLEGES, WASHINGTON, D.C.  
KELLOGG FOUNDATION, BATTLE CREEK, MICH.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.  
AMERICAN ASSOCIATION OF JUNIOR COLLEGES, 1315 SIXTEENTH STREET, N.W., WASHINGTON, D.C.  
20036 (\$1.50)  
PUB DATE - 69 43p.



MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 18p.; Presented at the Annual Technical Meeting of the Institute of Environmental Sciences (Boston, Mass., Apr. 14, 1970).

DESCRIPTORS - \*TECHNICAL EDUCATION; \*ENVIRONMENTAL TECHNICIANS; POLLUTION; WATER POLLUTION CONTROL; AIR POLLUTION CONTROL; SANITATION; \*ENVIRONMENTAL EDUCATION; QUALITY CONTROL; POST SECONDARY EDUCATION; \*PROGRAM DEVELOPMENT; CURRICULUM DEVELOPMENT; CURRICULUM GUIDES; RECRUITMENT; \*PROGRAM DESCRIPTIONS

ABSTRACT - Several kinds of environmental control technicians--water or air pollution, soil contamination, and sanitation--will be needed to assist professional scientists in research and in implementing extensive programs to prevent or alleviate pollution of our environment. Programs to prepare technicians usually require at least 2 years of specialized study beyond high school in order to learn the scientific principles, supporting mathematics, specialized techniques and equipment, and related supportive instruction. One reason why few programs currently exist to prepare technicians is that they belong to a new and emerging field of technology. There are several criteria which an applied science must meet or it is probably too narrow to be identified as requiring specially trained technicians. With the criteria as a guide, three technical programs are examined for need, curriculum development, and suggested curriculum outline. Also considered are problems of student recruitment and suggestions for ways to prepare more technicians. (SB)

VT 011 588

Job Instruction Training. A Job Analysis and Evaluation Workshop Conference for the Supervisory Personnel of the Employee Development and Training Program of the State of Louisiana Area V.

Ouachita Valley Vocational-Technical School, West Monroe, La.

MF AVAILABLE IN VT-ERIC SET.

Ouachita Valley Technical Institute. P.O. Box 546, West Monroe, Louisiana 71291.

PUB DATE - Feb69 47p.

DESCRIPTORS - \*STATE SUPERVISORS; \*INSERVICE EDUCATION; \*SUPERVISORY TRAINING; LEADERSHIP RESPONSIBILITY; CONFERENCE REPORTS; JOB ANALYSIS; \*LEADERSHIP QUALITIES; EMPLOYER EMPLOYEE RELATIONSHIP; \*SUPERVISORY METHODS

ABSTRACT - This training conference was one of a series held for State supervisory personnel in Louisiana. The conferees discussed the qualities of a good supervisor and the responsibilities of supervision. Special emphasis was placed upon the role of the supervisor in promoting communication, cooperation, and understanding between management and employees. (BH)

VT 011 610

Consumer's Knowledge and Use of Government Grades for Selected Food Items. Marketing Research Report No. 876.

Economic Research Service (DOA), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Apr70 42p.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; QUESTION ANSWER INTERVIEWS; \*CONSUMER EDUCATION; \*CONSUMER ECONOMICS; HOME ECONOMICS SKILLS; INSPECTION; FOOD AND DRUG INSPECTORS; FOOD STANDARDS; GRADING; EVALUATION CRITERIA  
IDENTIFIERS - \*GOVERNMENT GRADES FOR FOODS

ABSTRACT - In a national sample of 3,000 households, telephone interviews showed that consumers were unfamiliar with USDA grades for food. For the most part consumers evidenced little knowledge of Federal grades and significant confusion between the grades and inspection marks. Undertaken to assist in evaluating the usefulness of the USDA grades and standards program, the study indicates that many consumers believe all food items to be graded and frequently report buying Grade A when no such grade designation exists. Appended is the questionnaire used in the survey. (AUTHOR/GB)

VT 011 615

Symposium on the Role of Worker Relocation in an Active Manpower Policy (Washington, D.C., April 9-11, 1969).

International Manpower Inst., Washington, D.C.

Agency for International Development, Washington, D.C.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 283p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*MANPOWER DEVELOPMENT; \*RELOCATION; \*LABORERS; DEVELOPING NATIONS; PUBLIC POLICY

ABSTRACT - In order to augment the knowledge of Agency for International Development program planners in the manpower field, and to help Manpower Administration officials evaluate efforts in worker relocation and determine their role in manpower policy, the International Manpower Institute conducted this symposium on worker relocation. The conference was attended by about 100 persons, including specialists from universities, foreign labor attaches, private project administrators, foundation personnel, and government officials. Some 30 major presentations with discussion and comments are included. (BH)

VT 011 641

Cessna, Cecil P.

Further Development of a Plan for Offering Vocational-Technical Training in Fulton County. Final Report.

Fulton County School Board, McConnellsburg, Pa.

Pennsylvania Dept. of Education, Harrisburg. Bureau of Vocational, Technical and Continuing Education

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 15Jul70 100p.

DESCRIPTORS - \*SECONDARY SCHOOL STUDENTS; \*PILOT PROJECTS; \*PROGRAM DESCRIPTIONS; \*VOCATIONAL EDUCATION; \*LOW INCOME COUNTIES; COUNTY PROGRAMS; COMMUNITY SURVEYS; PROGRAM PLANNING

ABSTRACT - This pilot project was undertaken to determine the feasibility of utilizing existing secondary school facilities in a rural, disadvantaged county as an economical alternative to an area vocational school in meeting the training needs of area secondary students and employers. The vocational program established jointly by three rural school districts in Fulton County is described in this final report, along with a recommendation for its duplication in other areas with limited financial resources. Appendixes contain cost estimates and background information including occupational and educational surveys. (BH)

VT 011 653

Further Education for Technicians.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Apr64 36p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*PROGRAM DESCRIPTIONS; \*PROGRAM DEVELOPMENT; \*FOREIGN COUNTRIES; TECHNICAL EDUCATION; ARTICULATION (PROGRAM); \*APPRENTICESHIPS; COURSES; PROGRAM LENGTH  
IDENTIFIERS - \*ENGLAND

ABSTRACT - The City and Guilds of London Institute is sharing its experiences in the development of technical education by the publication of three monographs on the further education of operatives, craftsmen, and technicians. This particular monograph is concerned with the purposes and characteristics of part-time courses of further education for young people in industry who desire employment as technicians. Major sections are: (1) Characteristics of the Technician, (2) Technicians' Courses: The Overall Pattern, (3) A Representative "Ab Initio" Technicians' Course, (4) A Technicians' Course in a Science-Based Industry, (5) "End-On" Technicians' Courses, which are designed for students who have already completed a course or other suitable preparation, (6) National Certificate Courses, (7) General Studies, (8) General Courses for Intending Technicians, (9) Industrial Training and Further Education, and (10) The Future. The other two monographs are available as VT 011 656 (in this issue) and VT 008 732 (AIM Winter 1970), and several related documents are available as VT 011 654 and VT 011 657 (also in this issue). (SB)

VT 011 654

Education for the Printing Industry; A Proposed Plan for a Revised Structure of Courses for the Printing Industry.

City and Guilds of London Inst., Inc., (England). Consultative Committee on Education for the Printing Industry.

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Apr64 21p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*PRINTING; PUBLISHING INDUSTRY; \*PROGRAM DEVELOPMENT; PROGRAM EVALUATION; \*PROGRAM IMPROVEMENT; COURSES; \*FOREIGN COUNTRIES; INDUSTRIAL ARTS  
IDENTIFIERS - \*ENGLAND

ABSTRACT - Recommendations for further education of those employed in the printing industry have been made by a consultative committee of the City and Guilds of London Institute. This report discusses steps to implement those proposals of the Government White Paper, "Better Opportunities in Technical Education," which are appropriate to the printing industry. Some major conclusions of the committee include: (1) replacing the present intermediate, final, and full technological courses with a two-part craft course and a two-part technicians' course, (2) providing transfer routes from one course to another to give each student the opportunity to develop his aptitudes fully, (3) offering a general course that would be diagnostic and preparatory and would feed the technicians' course, and (4) regionalizing senior courses in the larger and better equipped colleges. Related documents are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 657 (all in this issue). (SB)

VT 011 655

Siklos, T.

Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Nov63 41p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*SCHOOL INDUSTRY RELATIONSHIP; \*PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; \*FOREIGN COUNTRIES; \*APPRENTICESHIPS; INDUSTRIAL EDUCATION; INSTRUCTIONAL STAFF; PROGRAM DESCRIPTIONS; ADVISORY COMMITTEES  
IDENTIFIERS - \*ENGLAND

ABSTRACT - To overcome some of the problems which hamper a small firm in training apprentices, local industry combined its efforts with the local education authority to provide an apprentice training center for full-time training in an experimental program at Crawley College of Further Education. In the partnership, the local education authority administers the center, while financial support is contributed by the industrial firms. Active participation by industry is accomplished through the advisory committee which has been set up to make recommendations to the governing body. A senior training officer and three assistant training officers comprise the instructional staff. Students are selected for training and paid during the training by the firm that will eventually employ them. The training course is designed to cover the apprentices' first year and is planned to achieve coordination between technical processes, the theory on which these are based, and workshop drawing. During the year each apprentice gets a total of 1,300 hours of integrated workshop practice and theory. Other related documents are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 657 (all in this issue). (SB)

VT 011 656

Wheatley, D.E.; Taylor, M.H.

Further Education for Operatives.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Mar64 41p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; TECHNICAL EDUCATION; \*LABORERS; \*COURSE DESCRIPTIONS; PROGRAM DESCRIPTIONS; \*FOREIGN COUNTRIES; \*PROGRAM DEVELOPMENT; MALES; FEMALES; ARTICULATION (PROGRAM)  
IDENTIFIERS - \*ENGLAND

ABSTRACT - To share its experiences in the development of technical education, the City and Guilds of London Institute has prepared three monographs on the further education of operatives, craftsmen, and technicians. This monograph is about part-time courses for young people of both sexes working in occupations for which there is not an apprenticeship and in which the skill requirement is usually less than that of a craft. Since the courses have a number of features in common, they are collectively referred



to as "operatives' courses." Some findings by the Institute include: (1) a high proportion of the operatives' occupations have sufficient technical content to provide a basis for a course, (2) Most of the courses provide a broad general survey of the whole field of activity within which the operative is engaged and also a more detailed study of his own job, (3) Operatives are not usually strongly motivated towards further education, (4) Examinations must take into account operatives' lack of facility in communication, and (5) Courses are best arranged on a part-time basis. Several sample syllabuses for operatives' courses are appended. The other monographs are available as VT 011 653 (in this issue) and VT 008 732 (AIM Winter 1970), and several related documents are available as VT 011 654, VT 011 655, and VT 011 657 (all in this issue). (SB)

VT 011 657

Lloyd, C.

Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.

City and Guilds of London Inst., Inc., (England).

DOCUMENT NOT AVAILABLE FROM EDRS.

City and Guilds of London Institute, 76 Portland Place, London, W.1, England.

PUB DATE - Feb63 12p.; Presented at United Nations Conference on Science and Technology (Geneva, Switzerland, Feb. 1963).

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*APPRENTICESHIPS; CONFERENCE REPORTS; \*TRAINING; \*DEVELOPING NATIONS; \*PROGRAM DEVELOPMENT; PROGRAM PLANNING; HUMAN RESOURCES; MANPOWER DEVELOPMENT

ABSTRACT - Main points are summarized and supporting arguments are provided for papers presented at a United Nations Conference session on "New Systems of Vocational Training and Apprenticeship" which came under the heading "Human Resources." The purpose of the conference was to suggest solutions to the problems of developing countries. A country's human resources, while being its most valuable available asset, are often its most neglected asset. In order to create conditions in which man can satisfy his material needs and develop his personal aptitudes, the use of human resources must be planned. The framework of a policy of human resource development would include activities for improvement of health and living conditions, spread of general education, and stimulating economic and social development. Because manpower in developing countries is mainly untrained, and because training in these countries is often deficient or almost entirely lacking, long- and short-term planning of training is vital along with a realistic establishment of priorities. Examples of training programs and methods of insuring maximum return from training were considered. Related materials are available as VT 008 732 (AIM Winter 1970) and VT 011 653-VT 011 656 (all in this issue). (SB)

VT 011 681

Impara, James C.; Alden, Ed R., Jr.

Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.

Florida State Dept. of Education, Tallahassee. Div. of Elementary and Secondary Education.

NF AVAILABLE IN VT-ERIC SET.

Report No. 82

PUB DATE - Jul70 17p.

DESCRIPTORS - \*PROGRAM EVALUATION; \*DATA COLLECTION; STATISTICAL DATA; REPORTS; \*FEDERAL PROGRAMS; \*INFORMATION NEEDS; \*PROGRAM COSTS; PROGRAM EFFECTIVENESS

ABSTRACT - This report includes tables of data using a newly developed method of reporting entitled "Consolidated Program Information Report" (CPIR). Developed by a special committee of state and federal representatives, CPIR is a systematic scheme for evaluation of funded programs which provides coordinated look at the various Federal funding programs in the local school districts of Florida. Tables in this report, providing only limited data and not encompassing all of CPIR, are: (1) Estimated Expenditures by Source of Funds, FY1969, (2) Estimated Expenditures for Selected Services and Activities, FY1969, and (3) Percent of Target Populations Being Served in FY1969. (JS)

VT 011 683 ED 043 741

PERSHING, REX WELDON

ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.

DOCUMENT NOT AVAILABLE FROM EDRS.



UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 188P.

DESCRIPTORS - BIBLIOGRAPHIES; \*DEGREE REQUIREMENTS; \*DOCTORAL PROGRAMS; DOCTORAL THESES; EDUCATIONAL SPECIFICATIONS; EVALUATION CRITERIA; GRADUATE STUDENTS; \*GRADUATE STUDY; HIGHER EDUCATION; \*INDUSTRIAL EDUCATION; \*STUDENT OPINION

ABSTRACT - AN OPINIONNAIRE WAS USED TO IDENTIFY CRITERIA REGARDING IMPROVEMENT REQUIREMENTS, PRACTICES, AND PROCEDURES FOR THE EVALUATION OF EXISTING AND THE DEVELOPMENT OF NEW INDUSTRIAL EDUCATION DOCTORAL PROGRAMS. DATA FROM 207 (77.8 PERCENT) DOCTORAL STUDENTS, WHO RECEIVED THEIR DEGREES BETWEEN JUNE 1964 AND FEBRUARY 1969 FROM 23 INSTITUTIONS, PROVIDED INFORMATION FOR THE FOLLOWING SELECTED FINDINGS: (1) THE ED.D. DEGREE WAS HELD BY 167 RESPONDENTS AND THE PH.D. BY 39 RESPONDENTS, WITH 201 BEING EMPLOYED IN EDUCATION RELATED OCCUPATIONS, (2) ADMISSION REQUIREMENTS SUGGESTED A B ON UPPER DIVISION UNDERGRADUATE AND GRADUATE COURSE WORK AND 2 OR 3 YEARS OF TEACHING EXPERIENCE FOR INDUSTRIAL EDUCATION MAJORS OR 1 TO 3 YEARS OF INDUSTRIAL WORK EXPERIENCE FOR TRADE AND INDUSTRIAL AND INDUSTRIAL-TECHNICAL EDUCATION STUDENTS, (3) NO MINIMUM SCORE ON THE GRADUATE RECORD EXAMINATION SHOULD BE STIPULATED, (4) COURSE WORK APPLICABLE TOWARD A DEGREE WAS TYPICALLY UNIVERSAL, (5) A DISSERTATION SHOULD BE REQUIRED AND DEFENDED ORALLY, (6) WRITTEN AND ORAL COMPREHENSIVE EXAMINATIONS SHOULD BE REQUIRED OF ALL STUDENTS, (7) RESIDENCY SHOULD CONSIST OF ONE ACADEMIC YEAR, AND (8) 18 AREAS OF STUDY WERE RECOMMENDED TO BE MADE AVAILABLE TO THE DOCTORAL STUDENT. THIS ED.D. DISSERTATION WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 687 ED 043 745

CARTER, P. JOHN

AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 125P.

DESCRIPTORS - \*ADMINISTRATOR ATTITUDES; BIBLIOGRAPHIES; \*CURRICULUM DEVELOPMENT; DOCTORAL THESES; \*INDUSTRIAL ARTS; INDUSTRIAL ARTS TEACHERS; \*NATIONAL PROGRAMS; NATIONAL SURVEYS; STATE SUPERVISORS; \*TEACHER ATTITUDES; TEACHER EDUCATORS  
IDENTIFIERS - \*NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS

ABSTRACT - TO DETERMINE THE ATTITUDES OF INDUSTRIAL ARTS EDUCATORS THROUGHOUT THE NATION TOWARD A MORE UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS, AN OPINIONNAIRE WAS COMPLETED BY 130 OF 150 SELECTED INDUSTRIAL ARTS DEPARTMENT CHAIRMEN OF COLLEGES AND UNIVERSITIES, BY 36 OF THE 50 STATE INDUSTRIAL ARTS SUPERVISORS OR CONSULTANTS, AND BY 194 (88 PERCENT RESPONSE) PUBLIC SECONDARY SCHOOL INDUSTRIAL ARTS TEACHERS. CONCLUSIONS WERE: (1) CURRICULAR REFORM IS A PROBLEM OF CONSIDERABLE IMPORTANCE, (2) ANY SUGGESTED CURRICULAR REFORM WILL NEED TO BE BUILT ON THE PRESENT STRUCTURE AND OFFERINGS OF INDUSTRIAL ARTS, (3) A "COMMON CORE" OF LEARNING EXPERIENCE FOR INDUSTRIAL ARTS NEEDS TO BE ESTABLISHED, (4) TERMS SUCH AS: "STANDARDIZATION," "UNIFORM NATIONWIDE CURRICULUM," AND "NATIONAL CURRICULUM," SHOULD BE AVOIDED BY THOSE WISHING TO ACHIEVE CURRICULAR REFORM, (5) ANY NATIONWIDE GUIDELINES MUST PROVIDE A DEGREE OF FREEDOM IN THE APPLICATION ACCORDING TO DIVERSE LOCAL SITUATIONS, AND (6) EFFECTIVE COMMUNICATION MUST BE ESTABLISHED AMONG ALL INDUSTRIAL ARTS EDUCATION PERSONNEL AND REPRESENTATIVES OF INDUSTRY IF A REFORM IS TO EMERGE. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 692

Post Secondary Distributive Education; A Suggested Guide for Administrators and Teachers.

Office of Education (HEW), Washington, D.C. Bureau of Adult, Vocational, and Library Programs.

MF AVAILABLE IN VT-ERIC SET.

OE-82017

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(PS5.282:82017, \$.60).

PUB DATE - 69 64p.

DESCRIPTORS - \*DISTRIBUTIVE EDUCATION; CURRICULUM DEVELOPMENT; INSTRUCTOR COORDINATORS; \*PROGRAM GUIDES; EDUCATIONAL OBJECTIVES; \*PROGRAM EVALUATION; \*PROGRAM PLANNING; RECORDS (FORMS); PROGRAM ADMINISTRATION; \*PROGRAM DEVELOPMENT

ABSTRACT - This program guide for distributive education (DE) teachers and postsecondary school administrators was developed to provide ideas for evaluating present programs or for establishing new programs in postsecondary distributive

ARM/SPRING 71

education. The guide is divided into the following five topical sections: (1) Nature and Scope of Distributive Education, (2) Planning Postsecondary Distributive Education, (3) Developing Curriculums for Postsecondary Distributive Education, (4) Operating Postsecondary Distributive Education, and (5) Evaluating Postsecondary Distributive Education. Each section defines key terms, includes selected references, and discusses specific aspects of a DE program. Also included are a bibliography, suggestions for developing objectives, sample curriculums, and operational records and reports. (JS)

VT 011 693 ED 042 912

FILEP, ROBERT T.; SALES, T. BRADFORD  
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.

INSTITUTE FOR EDUCATIONAL DEVELOPMENT, EL SEGUNDO, CALIF.

EDRS PRICE MF-\$0.65 HC-\$3.29

INSTITUTE FOR EDUCATIONAL DEVELOPMENT, 52 VANDERBILT AVENUE, NEW YORK, NEW YORK 10017  
(\$2.00)

PUB DATE - APR 70 81P.

DESCRIPTORS - \*EDUCATIONAL INNOVATION; \*EDUCATIONAL PROGRAMS; EVALUATION; \*RELEVANCE (EDUCATION); \*SCHOOL COMMUNITY COOPERATION; SCHOOL SYSTEMS; \*SCHOOL VISITATION; SURVEYS

ABSTRACT - DURING THE DECADE OF THE SEVENTIES MANY CHANGES IN EDUCATION WILL OCCUR WHICH WILL AFFECT STUDENTS, TEACHERS, AND ADMINISTRATORS AS WELL AS THE CURRICULUM. TO REVIEW SOME OF THE INNOVATIVE WAYS SELECTED SCHOOLS ARE ALREADY CHANGING THEIR PROGRAMS IN AN EFFORT TO BE MORE RELEVANT, A PILOT VISIT WAS MADE BY 81 BUSINESSMEN AND EDUCATORS TO FIVE SCHOOLS ACROSS THE COUNTRY. THE VISIT, COORDINATED BY THE NORTHERN CALIFORNIA INDUSTRY-EDUCATIONAL COUNCIL, SOUGHT TO PROVIDE AN OVERVIEW OF EDUCATIONAL INNOVATIONS AND TO PROVIDE A BASIS FOR EVALUATING THESE NEW APPROACHES. MANY PARTICIPANTS COMPLAINED OF THE TIGHT SCHEDULE AND THE LARGE SIZE OF THE GROUP BUT STILL FOUND THE TRIP TO BE VALUABLE FROM THE STANDPOINT OF THE DIALOGUE WHICH TOOK PLACE. ALSO THE TRAVELERS PERCEIVED HOW CERTAIN APPROACHES COULD BE ADAPTED FOR THEIR COMMUNITIES. RECOMMENDATIONS FOR FUTURE TRIPS OF THIS NATURE EMPHASIZE THE NEED FOR PRE-PLANNING ACTIVITIES. A RELATED DOCUMENT IS AVAILABLE AS ED 038 534. (JS)

VT 011 703 ED 042 914

LONG, GILBERT ANDREW

PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 144P.

DESCRIPTORS - ADMINISTRATIVE PERSONNEL; \*ADMINISTRATOR RESPONSIBILITY; COMPARATIVE ANALYSIS; \*DECISION MAKING; DOCTORAL THESES; EDUCATIONAL RESEARCH; PRINCIPALS; SCHOOL SUPERINTENDENTS; SECONDARY SCHOOLS; \*TEACHER RESPONSIBILITY; \*VOCATIONAL EDUCATION; \*VOCATIONAL EDUCATION TEACHERS

ABSTRACT - TO DETERMINE WHERE VOCATIONAL EDUCATION DECISIONS ARE MADE IN THE ADMINISTRATIVE HIERARCHY OF THE SCHOOL SYSTEM AND TO MEASURE THE EXTENT OF AGREEMENT CONCERNING THE LOCATION OF DECISION RESPONSIBILITY, SUPERINTENDENTS, PRINCIPALS, AND 204 VOCATIONAL TEACHERS IN 22 OHIO SECONDARY SCHOOLS WERE INTERVIEWED USING A DECISION ANALYSIS INSTRUMENT COMPOSED OF 45 DECISIONS. THE RESPONDENTS GENERALLY AGREED UPON THE LOCATION OF DECISION RESPONSIBILITY FOR 38 OF THE 45 DECISIONS. BY USING THE SAME ANALYSIS INSTRUMENT, A JURY OF EXPERTS IN SCHOOL ADMINISTRATION WERE IN AGREEMENT FOR 35 OF THESE 38 DECISIONS, INFERRING THAT EXPERTS IN EDUCATIONAL ADMINISTRATION CAN PROJECT DECISION-MAKING FUNCTIONS IN SECONDARY SCHOOLS. GREATER AGREEMENT IN PERCEPTION BY THE RESPONDENTS WAS FOUND CONCERNING TEACHERS' RESPONSIBILITIES, INFERRING THAT TEACHERS' DECISIONAL FUNCTIONS ARE MORE COMMONLY RECOGNIZED THAN ARE THOSE OF THE PRINCIPAL OR SUPERINTENDENT. SO THAT STAFF MAY BE TRAINED TO MAKE DECISIONS WITHIN THEIR PARTICULAR FUNCTION, MORE RESEARCH SHOULD BE CONDUCTED TO DEFINE DECISION RESPONSIBILITIES OF TEACHERS, PRINCIPALS, AND SUPERINTENDENTS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (GB)

VT 011 705 ED 043 751

TAZIRI, KIMMIE; BLAKE, DUANE L.

THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - JUN 70 30P.

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CURRICULUM  
SECTION

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DESCRIPTORS - BIBLIOGRAPHIC CITATIONS; \*EDUCATIONAL ADMINISTRATION; \*HUMAN RELATIONS; \*LEADERSHIP TRAINING; \*MENTAL HEALTH; SOCIAL RELATIONS; STUDENT TEACHER RELATIONSHIP; \*VOCATIONAL EDUCATION; VOCATIONAL EDUCATION TEACHERS; WORKSHOPS

ABSTRACT - INTENDED TO EXPLORE PROCESSES IN THE INTERACTIONS OF HUMAN RELATIONS AND POTENTIALITIES WHICH MIGHT BE APPLIED TO LEADERSHIP DEVELOPMENT WITHIN THE REALM OF ADMINISTRATION AND TEACHING OF VOCATIONAL EDUCATION, THIS STUDY RELATES THE IMPORTANCE OF REMOVING COMMUNICATION BARRIERS AND OF BUILDING THE ATMOSPHERE OF TRUST. THE STRUCTURAL BASIS FOR FORMULATING THE DEVELOPMENT COVERED FOUR MAJOR INTERRELATED AREAS: (1) PERSONAL AND SOCIAL RELATIONS, (2) OCCUPATIONAL INTERACTIONS, (3) EDUCATIONAL RELATIONSHIPS, AND (4) INTEGRATION OF HUMAN POTENTIALITIES IN LEADERSHIP DEVELOPMENT. IT IS RECOMMENDED THAT THE READER UTILIZE THE APPENDED LIST OF SUGGESTED REFERENCES TO GAIN MORE INFORMATION RELATIVE TO LEADERSHIP DEVELOPMENT. (GB)

VT 011 706 ED 043 752

ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.  
PUB DATE - JUN 69 432P.

DESCRIPTORS - \*EDUCATIONAL LEGISLATION; FEDERAL AID; \*FEDERAL LAWS; \*FEDERAL LEGISLATION; FEDERAL PROGRAMS; \*REFERENCE MATERIALS; \*TRAINING  
IDENTIFIERS - \*COMMITTEE ON LABOR AND PUBLIC WELFARE; US SENATE

ABSTRACT - DIGESTS OF LAWS WITH PARTICULAR REFERENCE TO THEIR EDUCATIONAL AND TRAINING FEATURES ARE REPORTED IN THIS COMPREHENSIVE RECORD OF THE ENACTMENTS BY THE 90TH CONGRESS DURING ITS SECOND SESSION OF 1968. INCLUDED ARE ACTS RELATING TO TRAINING AND EDUCATION THAT CONCERN STUDENTS, TEACHERS, OR EDUCATION INSTITUTIONS. THE INFORMATION FOR THIS REPORT WAS OBTAINED FROM THE WEEKLY COMPILATION OF PRESIDENTIAL DOCUMENTS, THE CALENDARS OF THE HOUSE OF REPRESENTATIVES, THE DIGEST OF PUBLIC GENERAL BILLS AND SELECTED RESOLUTIONS, THE TEXTS OF INDIVIDUAL BILLS, THE HOUSE AND SENATE HEARINGS AND COMMITTEE REPORTS ON THESE BILLS, AND THE STATUTES AT LARGE. SECTIONS IN THE DOCUMENT REPORT THE LEGISLATIVE HISTORY, DIGEST, AND TEXT OF EACH BILL, A SUMMARY OF THE LEGISLATION, AND PRESIDENTIAL RECOMMENDATIONS AND STATEMENTS CONCERNING EDUCATION AND TRAINING. (NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT). (SB)

VT 011 742

Malinski, J.P.

Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.

Minnesota State Dept. of Education, St. Paul. Program Development Section.

NOT AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 26p.; Prepared for Delivery at the Institute for Coordination of Supportive Services for Vocational Education Students in Rural Areas (Arkansas Univ., Fayetteville, Jan 26-30, 1970)

DESCRIPTORS - \*PROGRAM PLANNING; \*PROGRAM COORDINATION; EDUCATIONAL PROGRAMS; \*VOCATIONAL EDUCATION; \*RURAL AREAS; FEDERAL LEGISLATION; \*ANCILLARY SERVICES; SPEECHES

ABSTRACT - Until recently, vocational educators were not concerned with the supportive services for students which existed outside the school setting. This was especially true in rural areas because most of the vocational programs were in agriculture and homemaking with supportive services provided as an integral part and also because rural societies provided many of these services on an informal basis. Changes in agriculture created a surplus population which migrated to the cities, and one reaction to the problems caused by these changes has been an effort to provide for more balance between the large centers and rural areas. Though many recent federal laws authorizing support activities are not limited to cities, most of the programs have been designed for urban populations because of the population concentration and available administrative skill. Steps to use in coordinating services in any setting include: (1) planning, which entails analyzing occupational requirements and the population as well as making a current program inventory, (2) programing and budgeting, which includes establishing objectives and determining alternative ways to achieve them, and (3) analysis. (SB)

VT 011 745 ED 043 756

BLANTON, LLOYD HOUSTON

COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.



DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 186P.

DESCRIPTORS - ADMINISTRATIVE CHANGE; \*ADMINISTRATOR ATTITUDES; \*CHANGING ATTITUDES; \*COMMUNICATIONS; DATA COLLECTION; DOCTORAL THESES; \*EDUCATIONAL INNOVATION; RESEARCH DESIGN; STATE DEPARTMENTS OF EDUCATION; \*VOCATIONAL EDUCATION

ABSTRACT - REALIZING THAT THE INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION CAN BE ENHANCED THROUGH COMMUNICATIONS NETWORKS, THIS STUDY SOUGHT (1) TO DESCRIBE THE DEGREE OF ASSOCIATION BETWEEN SELECTED COMMUNICATION NETWORK CHARACTERISTICS AND ATTITUDES OF PERSONNEL IN A STATE DIVISION OF VOCATIONAL EDUCATION, AND (2) TO ASSESS THE RIGIDITY OF OPENNESS-TO-CHANGE AND DYNAMIC-TRACTIVE SUPERVISORY ATTITUDES OF THESE PERSONNEL. THE SOURCES OF DATA INCLUDED QUESTIONNAIRES AND PERSONAL INTERVIEWS WHILE THE ANALYSIS INCLUDED USE OF THE LATIN SQUARE RESEARCH DESIGN, PRETEST-POSTTEST METHOD, INTERVAL LEVEL INDICES, AND THE PARAMETRIC AND NON-PARAMETRIC METHOD. AMONG THE CONCLUSIONS WERE THAT ATTITUDES CONDUCTIVE TO INNOVATIVE POTENTIAL MAY BE CHANGED BY SELECTED STIMULI AND THAT ATTITUDES TOWARD CHANGE WERE MORE POSITIVE FOR PERSONNEL AT THE HIGHER STRUCTURAL POSITIONS OF THE STATE DIVISION OF VOCATIONAL EDUCATION. RECOMMENDATIONS IN TWO PARTS ARE DIRECTED TO VOCATIONAL EDUCATION PERSONNEL PRIMARILY INVOLVED WITH ADMINISTRATION, ORGANIZATION, AND INNOVATION, AND TO RESEARCHERS. THIS PH.D. DISSERTATION WAS PRESENTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 766 ED 042 926

BUDKE, WESLEY EUGENE

GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 256P.

DESCRIPTORS - CAREER PLANNING; COMPARATIVE ANALYSIS; EDUCATIONAL OBJECTIVES; EDUCATIONAL PLANNING; \*EDUCATIONAL PRINCIPLES; \*GUIDELINES; JUNIOR HIGH SCHOOLS; \*PREVOCATIONAL EDUCATION; \*PROGRAM DEVELOPMENT; SCHOOL PERSONNEL

ABSTRACT - STARTING WITH THE PREMISE THAT THERE IS A NEED FOR CONTINUOUS VOCATIONAL EDUCATION FROM EARLY CHILDHOOD THROUGHOUT LIFE, THIS STUDY SOUGHT TO DEVELOP GUIDELINES FOR USE IN ORGANIZING, OPERATING, AND ADMINISTERING PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL. THE STUDY WAS NATIONAL IN SCOPE AND MADE USE OF A QUESTIONNAIRE TO CONTACT 29 DIRECTORS OF LOCAL PROGRAMS OF OCCUPATIONAL ORIENTATION AND EXPLORATION. AFTER ANALYSIS OF THE 20 RETURNED QUESTIONNAIRES, AND REVIEW OF THE RELATED LITERATURE, AN INVENTORY OF COMMON PROGRAM AREAS WAS PREPARED AND SUBMITTED TO A JURY OF EXPERTS, WHO INDICATED THE RELATIVE IMPORTANCE OF EACH. THE RESULT OF THESE ACTIVITIES WAS A GUIDELINE STATEMENT AND ACCOMPANYING GUIDING PRINCIPLES FOR EACH OF THE 13 IDENTIFIED AREAS, INCLUDING (1) PROGRAM OBJECTIVES, (2) PROGRAM DESIGN, (3) GRADE LEVEL OF STUDENT INVOLVEMENT, (4) PROGRAM FINANCING, AND (5) CURRICULUM AND ACTIVITIES. THESE GUIDELINES ARE USABLE IN THE DEVELOPMENT OF JUNIOR HIGH SCHOOL PREVOCATIONAL EDUCATION PROGRAMS AND SHOULD BE DISSEMINATED FOR USE BY CONCERNED EDUCATORS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (JS)

VT 011 771 ED 042 927

GRAY, KENNEY EARL

COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR MICHIGAN 48106

PUB DATE - 70 177P.

DESCRIPTORS - \*ABILITY IDENTIFICATION; DATA COLLECTION; MODELS; \*PERSONNEL DATA; \*PROFESSIONAL PERSONNEL; \*PROGRAM PLANNING; STATE AGENCIES; STATE DEPARTMENTS OF EDUCATION; \*VOCATIONAL EDUCATION  
IDENTIFIERS - \*ARNOLD PLANNING MODEL; DELPHI TECHNIQUE

ABSTRACT - THE LEGISLATIVE REQUIREMENTS FOR STATE-LEVEL PLANNING IN VOCATIONAL EDUCATION AND THE CHANGING SOCIOECONOMIC PROBLEMS CONFRONTING VOCATIONAL EDUCATION WERE COMPELLING FORCES IN THE CONCEPTUALIZATION AND CONDUCT OF THIS STUDY. TO IDENTIFY THE COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING WITHIN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION, THREE SUCCESSIVE MAIL QUESTIONNAIRES WERE SENT TO TWENTY PRACTITIONERS, OF WHOM SEVEN WERE CHIEFS OF PLANNING. AS A RESULT OF THIS

INVESTIGATION A GROUP OF 147 COMPETENCIES WERE IDENTIFIED AS NEEDED BY PLANNING PERSONNEL, INCLUDING COMPETENCIES RELATED TO SOCIOECONOMIC PLANNING, PROGRAM PLANNING, AND RESOURCE PLANNING. IT WAS CONCLUDED THAT STATE-LEVEL PLANNING IN VOCATIONAL AND TECHNICAL EDUCATION UTILIZING THE ARNOLD MODEL INVOLVES SPECIALIZED ASSIGNMENTS REQUIRING PERFORMANCE OF SPECIFIC PLANNING COMPETENCIES. RECOMMENDATIONS INCLUDED MORE INTENSIVE STUDY OF PLANNING COMPETENCIES AND ADDITIONAL RESEARCH IN PLANNING OPERATIONS. THIS PH.D. DISSERTATION WAS PRESENTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

#### VT 011 777

Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).

Education Commission of the States, Denver, Colo.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 18May70 6p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*ACCREDITATION (INSTITUTIONS); \*PROGRAM EVALUATION; \*ADMINISTRATIVE AGENCIES; \*STANDARDS; PROGRAM IMPROVEMENT; VOCATIONAL EDUCATION; EVALUATION NEEDS

ABSTRACT - An interagency meeting held in Chicago to discuss problems concerning vocational education accreditation identified six major areas of concern. These areas included the need for looking much more closely at the relation between specialized and general and/or pragmatic and institutional accreditation as particularly critical in occupational accreditation. Other areas of concern were related to (1) flexibility in accreditation, (2) admissions, facilities, and faculties, (3) the relation of vocational education to meeting manpower needs, and (4) the differences and relations among accreditation, licensure, and approval of establishment of new institutions. The full report of this conference is not available; a related document, however, is available as VT 011 778 (also in this issue). (AUTHOR/JS)

#### VT 011 778

Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).

Education Commission of the States, Denver, Colo.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 15Apr70 3p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*ACCREDITATION (INSTITUTIONS); PERFORMANCE CRITERIA; \*HIGHER EDUCATION; \*PROGRAM EVALUATION; EDUCATIONAL NEEDS; PROGRAM COORDINATION; \*EDUCATIONAL PLANNING; PROGRAM EFFECTIVENESS

ABSTRACT - Chaired by Governor Robert E. McNair of South Carolina, the Task Force identified several areas of needs pertaining to vocational education in higher education. Among these were the need within states for continued comprehensive educational planning at all levels and the need for complementary and reasonably structured approaches to vocational education accreditation. The full report of this conference is not available, however, a related document is available as VT 011 777 (also in this issue). (JS)

#### VT 011 785

Pacucki, Chester

Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.

Illinois Junior Coll. Board, Springfield.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan70 20p.

DESCRIPTORS - \*STUDENT ENROLLMENT; \*EDUCATIONAL PROGRAMS; \*STATE SURVEYS; \*JUNIOR COLLEGES; \*TECHNICAL EDUCATION; VOCATIONAL EDUCATION; PARAPROFESSIONAL SCHOOL PERSONNEL; PARAMEDICAL OCCUPATIONS; GRADUATES; MANPOWER NEEDS

ABSTRACT - Overwhelming demands on the time of the professional have resulted in a corresponding need for paraprofessionals to take over the routine jobs that were once done only by the doctor, engineer, or teacher. Illinois is meeting this need for paraprofessionals through a variety of programs in areas such as biological sciences, the health field, and data processing. In addition to employment data this survey provides information in table form on career programs offered in fall term 1969 in Illinois Public Junior Colleges, including enrollment figures, degree programs, and the number of graduates per program as of June 1969. (JS)

VT 011 787

Hull, William L.; Taylor, Robert E.  
Relevancy in Agricultural Education.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.  
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 6Nov69 19p.; Presentation made to the North Atlantic Regional Seminar and Research Conference in Agricultural Education (Pennsylvania State Univ., Nov. 6, 1969).

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*RELEVANCE (EDUCATION); PROFESSIONAL PERSONNEL; \*LEADERSHIP RESPONSIBILITY; \*EDUCATIONAL PHILOSOPHY; INSTRUCTIONAL IMPROVEMENT; SPEECHES; PROGRAM PROPOSALS; PROGRAM EVALUATION; ADMINISTRATOR RESPONSIBILITY; \*EDUCATIONAL OPPORTUNITIES; PROGRAM EFFECTIVENESS; PROGRAM PLANNING

ABSTRACT - Some of the factors which will influence the direction of agricultural education in the coming decade are (1) management of technology, (2) depletion of the rural human resource, (3) growth of urban problems, (4) equality of human opportunity, and (5) consolidation of governing mechanisms. To assure purposeful programming, leaders in the field must be prepared to develop agricultural education to serve the broad needs of the people. Specialized teachers of agriculture must be prepared to optimize the educational development of every child, regardless of his educational objective. In short, active leaders and proposals for constructive programs must emerge. (CD)

VT 011 792

ED 043 760

DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.

AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

DEPARTMENT OF ALLIED MEDICAL PROFESSIONS AND SERVICES, AMERICAN MEDICAL ASSOCIATION, 535 NORTH DEARBORN STREET, CHICAGO, ILLINOIS 60610.

PUB DATE - 69 243P.

DESCRIPTORS - ADMINISTRATIVE PERSONNEL; ADMISSION CRITERIA; DEGREES (TITLES); \*DIRECTORIES; \*EDUCATIONAL PROGRAMS; FINANCIAL SUPPORT; \*HEALTH OCCUPATIONS EDUCATION; PROGRAM LENGTH; TUITION

ABSTRACT - PREPARED BY THE AMERICAN MEDICAL ASSOCIATION, THIS 1969-70 DIRECTORY AND ACCOMPANYING SPRING 1970 SUPPLEMENT LIST ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS BY CITY IN THE 50 STATES, DISTRICT OF COLUMBIA, CANAL ZONE, PUERTO RICO, AND JAPAN. EACH LISTING CONTAINS THE LOCATION, INSTITUTION, TYPE OF EDUCATIONAL PROGRAM, AFFILIATION, DIRECTOR(S), ENTRANCE REQUIREMENTS, LENGTH OF PROGRAM, STUDENT CAPACITY, DATE CLASSES BEGIN, TUITION, STIPEND, SCHOLARSHIPS, AND CERTIFICATE OR DEGREE. (SB)

VT 011 798

Ohio Advisory Council for Vocational Education, First Report.

Ohio Advisory Council for Vocational Education, Worthington.

Ohio State Board of Education, Columbus

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul70 40p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*PROGRAM IMPROVEMENT; \*SURVEYS; TECHNICAL EDUCATION; \*EDUCATIONAL NEEDS; STUDENT NEEDS; FINANCIAL SUPPORT; MANPOWER NEEDS

ABSTRACT - In addition to serving in an advisory capacity, the Ohio Advisory Council is charged with evaluating the effectiveness of the vocational education program and with making recommendations for its improvements. Thus, the Council's first report highlights the progress being made in vocational education in Ohio and directs attention to 14 selected findings and recommendations. Among these recommendations are that the movement to create more Joint Vocational School Districts with a broad student base and a broad tax base be continued, and that local school officials join with representatives of industry, labor, and agriculture in a study of employment needs for the purpose of developing an occupational education program. Other information presented in this report pertains to (1) the Council's organization and operation, (2) studies and publications of the Council, (3) areas of concern presented by the Division of Vocational Education for Counsel, and (4) the accomplishments and some challenges of vocational education. (JS)



VT 011 799

Kunzman, Leonard E.

Career Education in Oregon. A Statement In Improvement of Vocational Instruction in Oregon Schools.

Oregon State Board of Education, Salem

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 1Aug70 11p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; SECONDARY EDUCATION; COMMUNITY COLLEGES; CAREER PLANNING; \*RELEVANCE (EDUCATION); \*OCCUPATIONAL CLUSTERS; \*OCCUPATIONAL GUIDANCE; CURRICULUM DESIGN; EDUCATIONAL NEEDS; \*NONCOLLEGE PREPARATORY STUDENTS

ABSTRACT - Only one in 10 Oregonians graduate from a 4-year college, yet most of the high school curriculums continue to be geared to the collegebound student. Students are becoming bored and restless because of this separation of school life from real life. Oregon has made progress in correcting this situation through the establishment of a community college system and through occupational education but more needs to be done. For occupational education to be successful, the following changes are needed: (1) make education relevant to real life, (2) provide ample opportunities for career exploration, (3) provide guidance services for every student, (4) provide a curriculum based on career goals, and (5) assure that opportunities for advanced occupational preparation are readily accessible to all persons through community colleges and other programs. Specific activities are currently being planned to bring about these changes. (JS)

VT 011 802

Perryman, Bruce C.

A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education. Final Report.

Western Wyoming Community Coll., Rock Springs. Dept. of Vocational Education.

Wyoming State Employment Service, Rock Springs.

Wyoming Research Coordinating Unit in Vocational-Technical Education, Cheyenne

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul69 299p.

DESCRIPTORS - \*EDUCATIONAL RESEARCH; \*EDUCATIONAL NEEDS; \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; \*STUDENT NEEDS; PROGRAM IMPROVEMENT; BIBLIOGRAPHIC CITATIONS

ABSTRACT - To determine the occupational education needs of an area of Wyoming and to relate the results and recommendations to administrative personnel, this study utilized classroom questionnaire responses of 90 percent of 1,350 students enrolled in Grades 9-12. The analysis of the data indicates that students appeared to show a primary interest in occupations classified as business and office. Considerable interest was shown in vocational and technical programs by area students. Parents were generally in favor of offspring receiving vocational education after high school, with the junior college programs being more desirable. Recommendations include that a particular emphasis should be given to the implementation and development of a broad, comprehensive business and office occupations program. A strong and comprehensive junior college program appears to be desirable. Numerous charts and tables present the data, and questionnaire forms and detailed data are appended. (GB)

VT 011 804

Good Training, Good Jobs: MDTA. Facts for Manpower Administrators.

Office of Education (DHEW), Washington, D.C. Div. of Manpower Development and Training.

MF AVAILABLE IN VT-ERIC SET.

OE-87050

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (PS5.28,:87050, \$.25).

PUB DATE - 70 10p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*FEDERAL PROGRAMS; \*PROGRAM DESCRIPTIONS; ADMINISTRATOR GUIDES; EDUCATIONALLY DISADVANTAGED; ADMINISTRATIVE POLICY IDENTIFIERS - \*MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

ABSTRACT - This pamphlet discusses the goals and administration of Manpower Development and Training Act (MDTA) Programs. Using a question and answer form, the booklet also describes types of training and trainees, funding, and federal guidelines for MDTA Programs. (BH)



VT 011 805

Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.

Wage and Labor Standards Administration (DOL), Washington, D.C. Bureau of Labor Standards.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan70 133p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*FEDERAL LEGISLATION; \*HEALTH GUIDES, \*SAFETY; \*CRITERIA; ACCIDENT PREVENTION

IDENTIFIERS - SHIP REPAIRING; SHIPBUILDING; SHIPBREAKING

ABSTRACT - This document contains excerpts from Title 29, Chapter 13 of the Code of Federal Regulations pertaining to Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking. Categories are: (1) General Provisions, (2) Explosive and Other Dangerous Atmospheres, (3) Surface Preparation and Preservation, (4) Welding, Cutting, and Heating, (5) Scaffolds, Ladders, and Other Working Surfaces, (6) General Working Conditions, (7) Gear and Equipment for Rigging and Materials Handling, (8) Tools and Related Equipment, (9) Personal Protective Equipment, (10) Portable, Unfired Pressure Vessels, Drums, and Containers, Other Than Ship's Equipment, (11) Ship's Machinery and Piping Systems, and (12) Electrical Machinery. (SB)

VT 011 806

National Workshop of Professional Leaders in FFA, Proceedings (Washington, D.C., July 20-26, 1969).

Future Farmers of America, Washington, D.C.

Geigy Chemical Corp.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 38p.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*YOUTH LEADERS; \*CONFERENCE REPORTS; \*STUDENT ORGANIZATIONS; TEACHING METHODS; \*LEADERSHIP TRAINING; PROFESSIONAL TRAINING

IDENTIFIERS - \*FUTURE FARMERS OF AMERICA; FFA

ABSTRACT - To educate professional leadership in agricultural education in the use of the FFA as an effective teaching device, each state's delegates at the workshop presented techniques and procedures that have helped to motivate students. Including state advisors, executive secretaries, and teachers, a total of 41 participants representing 39 states attended the workshop. The major objectives were: (1) to update executive secretaries' understanding of the FFA program as a student organization, (2) to develop understanding of inservice training programs, (3) to develop techniques for effective working relationships with administrators and boards of education, (4) to determine role of executive secretary in effective communication and public relations activities, and (5) to understand the need for research and developmental programs to improve the FFA as a teaching device. (GB)

VT 011 825

Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969). Summary Record of Proceedings.

Colombo Plan Bureau, (Ceylon).

DOCUMENT NOT AVAILABLE FROM EDRS.

Colombo Plan Bureau, P.O. Box 596, Colombo, Ceylon.

PUB DATE - 69 148p.

DESCRIPTORS - \*CONFERENCE REPORTS; VOCATIONAL EDUCATION; TECHNICAL EDUCATION; PROGRAM DEVELOPMENT; \*JOB TRAINING; \*PROGRAM PLANNING; \*ECONOMIC DEVELOPMENT; \*HUMAN RESOURCES; ADVISORY COMMITTEES; PROGRAM COORDINATION; MANPOWER NEEDS

IDENTIFIERS - \*COLOMBO PLAN

ABSTRACT - The realization that the development of a nation's human resources is vital to economic growth has accounted for much of the interest in vocational and technical training programs in Indonesia. To emphasize this need and to serve as a catalyst for change, this second in a series of seminars was held with 87 representatives of government, private organizations, and foreign interests in attendance. Discussion at the seminar centered around five working papers which were: (1) "National Planning of Vocational and Technical Training" by Irshad H. Khan, (2) "Vocational and Technical Training Planning as an Integral Part of Manpower Planning" by Boengaran M.M. Sihombing, (3) "Problems in Planning Vocational and Technical Training" by Ir. Rusli Sjarief, (4) "The Role of Industry as User and Producer of Technically Trained

Personnel in Indonesia" by the Perhimpunan Management Association, and (5) "Relation between Training Planning and Educational Planning in Economic Development" by Kartomo Wirosuhardjo. Included in the recommendations of the seminar were the setting up of a central training authority and the establishment of advisory training councils at the central, provincial, and local levels to assist in developing training programs (AUTHOR/JS)

VT 011 828

Status of Adult Vocational Education in Utah.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 69p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*SURVEYS; ADMINISTRATIVE POLICY; \*PROGRAM COSTS; GUIDANCE SERVICES; COUNSELING SERVICES; \*GUIDELINES; STUDENT ENROLLMENT; \*ENROLLMENT PROJECTIONS; FEMALES; ADULT STUDENTS; TEACHER QUALIFICATIONS

ABSTRACT - To ascertain the status of adult vocational education in the public secondary schools of Utah, this project sent questionnaires to school administrators in each of the 40 school districts as well as to a sample of 1,200 adult education students. Of the 35 school administrators in charge of adult vocational education responding to the questionnaire, 97 percent indicated an expected growth in adult vocational programs, and 94 percent said that occupational experience was an important qualification in selecting teachers. It was also pointed out that better financing, broader course offering, and better qualified teachers are vital to the improvement of the program. Information received from 835 students revealed that 61 percent of the responses came from women over 30 and that most women were enrolled in office occupations and home economics classes. Cost data obtained from state offices provided an average cost per class of \$149. Reviewing the collected data, it is evident that administrators vary considerably in setting fees and minimum enrollments for adult classes and that they see little need for providing guidance services and followup procedures for adult education students. It is recommended that administrative guidelines be established and that guidance services be provided. (JS)

VT 011 831 ED 043 765

ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.

AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL. COUNCIL ON MEDICAL EDUCATION.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.  
DEPARTMENT OF ALLIED MEDICAL PROFESSIONS AND SERVICES, AMERICAN MEDICAL ASSOCIATION,  
535 NORTH DEARBORN STREET, CHICAGO, ILLINOIS 60610  
PUB DATE - 69 120p.

DESCRIPTORS - \*ACCREDITATION (INSTITUTIONS); \*DIRECTORIES; \*EDUCATIONAL PROGRAMS; \*GUIDELINES; HEALTH OCCUPATIONS; \*HEALTH OCCUPATIONS EDUCATION; PROGRAM ADMINISTRATION

ABSTRACT - PREPARED BY THE COUNCIL ON MEDICAL EDUCATION OF THE AMERICAN MEDICAL ASSOCIATION WITH THE COOPERATION OF COLLABORATING ORGANIZATIONS, THIS DOCUMENT IS A COLLECTION OF GUIDELINES FOR ACCREDITED PROGRAMS FOR MEDICAL ASSISTANTS, NUCLEAR MEDICINE TECHNOLOGY, ORTHOPEDIC ASSISTANTS, RADIATION THERAPY TECHNOLOGY, AND RADIOLOGIC TECHNOLOGISTS. THE ESSENTIALS OF ADMINISTRATION, ORGANIZATION, FACULTY, FACILITIES, ADMISSION REQUIREMENTS, HEALTH, CURRICULUM, ETHICS, AND ADMISSIONS TO THE APPROVED LIST OF PROGRAMS ARE OUTLINED. IN ADDITION TO THE GUIDELINES, DIRECTORIES OF ACCREDITED PROGRAMS FOR CERTIFIED LABORATORY ASSISTANTS, MEDICAL RECORD LIBRARIANS, AND TECHNOLOGISTS, CYTOTECHNOLOGY, INHALATION THERAPY, MEDICAL TECHNOLOGY, OCCUPATIONAL THERAPY, PHYSICAL THERAPY, AND RADIOLOGIC TECHNOLOGY ARE INCLUDED. PROGRAM LISTINGS ARE ORGANIZED BY STATE, AND INCLUDE CITY, INSTITUTION, AFFILIATED INSTITUTION, PROGRAM DIRECTOR AND TEACHING SUPERVISOR, ENTRANCE REQUIREMENTS, PROGRAM LENGTH, STUDENT CAPACITY, DATE PROGRAM BEGINS, TUITION, AND STIPEND. THE GUIDELINES OR PROGRAM LISTINGS ARE AVAILABLE INDIVIDUALLY FROM THE ADDRESS GIVEN ABOVE. (SB)

VT 011 836 ED 043 766

KAHLER, CAROL, ED., AND OTHERS  
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.

AMERICAN ASSOCIATION OF JUNIOR COLLEGES, WASHINGTON, D.C.  
KELLOGG FOUNDATION, BATTLE CREEK, MICH.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.  
AMERICAN ASSOCIATION OF JUNIOR COLLEGES, 1315 SIXTEENTH STREET, N.W., WASHINGTON, D.C.  
20036 (\$1.50)  
PUB DATE - 69 43p.

DESCRIPTORS - \*ADMINISTRATOR GUIDES; CERTIFICATION; CURRICULUM DEVELOPMENT; EDUCATIONAL PROGRAMS; HEALTH OCCUPATIONS; \*HEALTH OCCUPATIONS EDUCATION; JUNIOR COLLEGES; \*MEDICAL TECHNOLOGISTS; POST SECONDARY EDUCATION; PROGRAM ADMINISTRATION; \*PROGRAM DEVELOPMENT; \*PROGRAM PLANNING

ABSTRACT - PREPARED BY THE AMERICAN ASSOCIATION OF JUNIOR COLLEGES AND THE NATIONAL COUNCIL ON MEDICAL TECHNOLOGY EDUCATION, THIS GUIDE DISCUSSES PROGRAMS FOR CAREER-ENTRY SUPPORTIVE MEDICAL LABORATORY PERSONNEL WHICH HAVE BEEN COOPERATIVELY PLANNED BY JUNIOR COLLEGE PERSONNEL AND THE MEDICAL COMMUNITY, PARTICULARLY PATHOLOGISTS AND MEDICAL TECHNOLOGISTS. SECTION 1 PROVIDES GUIDELINES FOR ACHIEVING THESE PROGRAM DEVELOPMENT GOALS: (1) DEFINE THE SCOPE OF THE PROGRAM, (2) BECOME AWARE OF PROGRAM REQUIREMENTS FOR PROFESSIONAL APPROVAL, LICENSURE, AND CERTIFICATION, (3) REVIEW COLLEGE PHILOSOPHY, GOALS, AND ORIENTATION IN RELATION TO IMPLEMENTATION OF THE PROGRAM, (4) EVALUATE THE NEED FOR MEDICAL LABORATORY TECHNICIANS IN THE COMMUNITY, (5) EVALUATE THE FEASIBILITY OF THE COLLEGE OFFERING A PROGRAM, (6) OBTAIN PROGRAM RESOURCES AND PREPARE FOR USE, (7) DEVELOP A CURRICULUM, AND (8) EVALUATE THE PROGRAM. SECTION 2 DESCRIBES IN CHECKLIST FORM THE ACTIONS THE COLLEGE ADMINISTRATOR, PROGRAM DIRECTOR, AND PATHOLOGIST SHOULD CONDUCT TO ACHIEVE THE GOALS. ELIGIBILITY REQUIREMENTS FOR CERTIFICATION, REFERENCE ORGANIZATIONS, REFERENCE PUBLICATIONS, AND LAWS COVERING MEDICAL LABORATORIES ARE APPENDED. (SB)

VT 011 849 ED 043 768

RAO, B. S. VENKATA

EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEC-4-7-062597-1654 24

BR-6-2597

PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305

PUB DATE - 69 106P.

DESCRIPTORS - \*EDUCATIONAL IMPROVEMENT; EDUCATIONAL PROBLEMS; FOREIGN COUNTRIES; INDUSTRIAL TRAINING; \*JOB TRAINING; \*MANPOWER NEEDS; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; \*TRADE AND INDUSTRIAL EDUCATION; \*TRAINING OBJECTIVES  
IDENTIFIERS - \*INDIA

ABSTRACT - WRITTEN AS A MONOGRAPH BASED ON PREVIOUS RESEARCH CONDUCTED AT STANFORD UNIVERSITY AS WELL AS IN INDIA, THIS DOCUMENT IS CONCERNED WITH THE IMPROVEMENT OF INDIA'S EXISTING INDUSTRIAL EDUCATION AND TRAINING IN RELATION TO AIMS OF INDUSTRIAL GROWTH. FOCUSING ON THE NEED TO ACHIEVE A CONSISTENCY BETWEEN THE OBJECTIVES OF THE INDUSTRIAL EDUCATION AND TRAINING SYSTEM AND THOSE OF THE INDUSTRIAL SECTOR, THIS MONOGRAPH ATTEMPTS AN EVALUATIVE REVIEW OF THE INDIAN SYSTEM AND INDICATES PROBLEM AREAS REQUIRING ATTENTION. SUGGESTIONS ARE OFFERED FOR IMPROVING THE EFFECTIVENESS OF THE SYSTEM THAT TRAINS QUALIFIED MANPOWER FOR INDUSTRY, INCLUDING AN ACTION-ORIENTED PROGRAM OF SKILL FORMATION IN MODERN SMALL INDUSTRY IN INDIA. (AUTHOR)

VT 011 855

Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).

Georgia Inst. of Tech., Atlanta.

National Alliance of Businessmen, Atlanta, Ga.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan69 173p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*MANPOWER DEVELOPMENT; \*INTERAGENCY COORDINATION; \*EMPLOYMENT QUALIFICATIONS; UNEMPLOYED; \*EMPLOYMENT PROGRAMS; EDUCATIONALLY DISADVANTAGED

ABSTRACT - This conference enabled companies with employment programs for the educationally disadvantaged in Atlanta to share their experiences and learn from each other. Problem areas discussed include: (1) job availability for the hard-core unemployed, (2) identification of hard-core jobs and matching them with worker characteristics, (3) work orientation, (4) job training, and (5) the role of public education in preparation for work. The conference found that job development for the hard-core unemployed could be undertaken much more efficiently if the agencies involved would coordinate their activities in a united effort. On the level of the individual firms, conferees agreed that the major factor in program success is a firm commitment by top management. (BH)



VT 011 860

Moser, David E.; Kriebel, Wesley R.

Guidelines for an Extension Educational Program in Transportation. Transportation in Agriculture and Business Series No. 3, Manual 71.

Missouri Univ., Columbia. Extension Div.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 25p.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*PROGRAM DEVELOPMENT; \*TRANSPORTATION; \*EXTENSION EDUCATION; \*PROGRAM DESCRIPTIONS; EDUCATIONAL PROGRAMS; PROGRAM GUIDES; PROGRAM PLANNING; MARKETING; EDUCATIONAL RESEARCH

ABSTRACT - Prepared for use by extension personnel in developing a state level educational program in transportation, this publication provides broad program guidelines as a reference for the transportation specialist. Content includes: (1) rationale for and requirements of a transportation program, (2) preparation required for the program, and (3) development procedures. Appended are ratemaking procedures. (GB)

VT 011 876

Williams, Robert Travis

An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.

DOCUMENT NOT AVAILABLE FROM EDRS.

University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.

PUB DATE - 69 105p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*STATE PROGRAMS; \*PROGRAM PLANNING; LABOR SUPPLY; MANPOWER NEEDS; \*EMPLOYMENT STATISTICS; \*LABOR MARKET; PROGRAM EVALUATION

ABSTRACT - This study sought to develop a procedure for using occupational supply and demand data in state-level planning of occupational education programs. Demand data for 107 occupations in North Carolina during the period 1966-1970 were taken from an area skill survey. Supply data for the period ca from community colleges, technical institutes, and secondary school class reco. filed in State offices. Enrollment information was useful in pointing out the occupations which were not supported by any public training program, and those for which enrollment greatly exceeded demand. Completion rates for various types of curriculums and other programs were computed, showing a wide range. Secondary programs showed the lowest percent of completions, 28.9 percent, compared to an overall completion rate of 40.6 percent for all postsecondary curriculums. The study concluded that State Board of Education policies and State agency formulas rewarded input and ignored output. The absence of followup studies prevented measuring the extent to which output of the training system contributed to meeting labor demand. This ED.D. dissertati. was submitted to the University of North Carolina. (AUTHOR/BH)

VT 011 892

Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.

Ingham Intermediate Board of Education, Mason, Mich.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Nov69 36p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; EMPLOYMENT PROGRAMS; COOPERATIVE PROGRAMS; OCCUPATIONAL INFORMATION; \*JOB TRAINING; CAREER PLANNING; PROGRAM DEVELOPMENT; ADULT EDUCATION; DIFFERENTIATED STAFFS; \*GUIDELINES; \*SUPPLEMENTARY EDUCATIONAL CENTERS; FACILITY REQUIREMENTS; \*COMPENSATORY EDUCATION PROGRAMS

ABSTRACT - A metropolitan area with diversified employment opportunities for trained personnel and an increasingly high rate of employment provides the proper setting for a Career Center. By serving youths and adults through occupational exploration, preparation for entry employment and continuing education, such a Center plays an important role in supporting and supplementing already existing occupational programs. Thus it is proposed that the Capital Area Career Center should be operated by the Ingham Intermediate District and should be responsive to all the people and all the agencies. It is further proposed that the Center should operate a secondary program, an out-of-school youth program, and an adult program as well as provide student services and job placement. Other provisions included in these guidelines are the design of the



instructional system, the staffing requirement, and the space requirement. (JS)

VT 011 894 ED 043 774

PERRYMAN, BRUCE C.

FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.

WYOMING RESEARCH COORDINATING UNIT IN VOCATION & TECHNICAL EDUCATION, CHEYENNE. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS. OEG-4-6062729-2083 08  
BR-6-2729

STATE DEPARTMENT OF EDUCATION, OCCUPATIONAL EDUCATION SECTION, RESEARCH COORDINATING UNIT, CHEYENNE, WYOMING  
PUB DATE - SEP 70 110P.

DESCRIPTORS - CAREER PLANNING; \*COMPREHENSIVE PROGRAMS; COOPERATIVE EDUCATION; \*EDUCATIONAL PLANNING; \*EDUCATION SERVICE CENTERS; MODELS; \*RESOURCE ALLOCATIONS; \*VOCATIONAL EDUCATION

ABSTRACT - A STATEWIDE PLAN FOR EDUCATIONAL PROGRAMS ENCOURAGES COORDINATION OF EFFORTS AND EFFECTIVE ALLOCATION OF RESOURCES. THUS, THE PURPOSE OF THIS STUDY WAS TO INVESTIGATE THE FACTORS GOVERNING: (1) THE ESTABLISHMENT AND OPERATION OF COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING, (2) THE EXTENT OF SUCH PROGRAMS, (3) THEIR PURPOSES, ENROLLMENT, ORGANIZATION, AND FINANCING, AND (4) THE APPLICATION OF THESE DATA TO THE STATE OF WYOMING. TO FACILITATE THIS INVESTIGATION A COMPARISON WAS MADE BETWEEN A CRITERIA MODEL, DEVELOPED FROM A NATIONAL STUDY, AND A PROFILE FOR WYOMING. USING DATA OBTAINED FROM THE STATE DEPARTMENT OF EDUCATION, THE COMPARISON LED TO THESE FOUR BROAD RECOMMENDATIONS: (1) THAT THE STATE BE DIVIDED INTO 12 CONTIGUOUS GEOGRAPHIC COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS, (2) THAT EACH OF THE 12 AREAS SHOULD ALSO SERVE AS A BASIS FOR OCCUPATIONAL PLANNING FOR GRADES K-16, (3) THAT COOPERATIVE RELATIONSHIPS LEADING TO MORE EFFECTIVE COORDINATION OF RESOURCES BE ENCOURAGED, AND (4) THAT A PLANNED SCOPE OF WORK ENCOMPASSING THE NECESSARY STUDIES TO BE CONDUCTED BE TAKEN UP AS A MEASURE TO INSURE THE COLLECTION OF FACTUAL DATA NEEDED FOR EFFECTIVE PLANNING. (AUTHOR/JS)

VT 011 908

First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.

Texas Advisory Council for Technical-Vocational Education, Austin.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 1Sep70 51p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*EDUCATIONAL NEEDS; \*PROGRAM DEVELOPMENT; \*PROGRAM COORDINATION; FINANCIAL SUPPORT; INFORMATION NEEDS; AREA VOCATIONAL SCHOOLS

ABSTRACT - In accordance with federal rules and regulations, the Advisory Council for Technical-Vocational Education evaluated the State's vocational education program and in turn made certain recommendations pertaining to that program. As a result of the evaluation the Council concluded that: (1) a balance must be established between vocational education and general education, (2) there is an apparent need for developing an information system, (3) adequate financial support from all levels must be forthcoming, and (4) there must be a coordination of resources to avoid duplication of efforts. These conclusions are supported in part by Advisory Council studies, by Advisory Council responses to evaluation questions of the Office of Education, and by the Council's 12 recommendations regarding vocational education. The 12 recommendations refer to more specific problems, such as the need for area vocational schools. (JS)

VT 011 910 ED 043 775

BRANDON, GEORGE L., ED.

RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-070633 08  
BR-7-0633

AMERICAN VOCATIONAL JOURNAL; V45 N7 P41-56 OCT 1970

PUB DATE - OCT 70 16P.

DESCRIPTORS - BIBLIOGRAPHIC CITATIONS; COMPREHENSIVE PROGRAMS; EDUCATIONAL EQUIPMENT; EDUCATIONAL FACILITIES; \*EDUCATIONAL PROGRAMS; EMPLOYER ATTITUDES; INSTRUCTIONAL

**MATERIALS; LEADERSHIP TRAINING; MILITARY TRAINING; PROGRAM EVALUATION; \*PROGRAM IMPROVEMENT; PROGRAM PLANNING; \*RESEARCH REVIEWS (PUBLICATIONS); \*TEACHER IMPROVEMENT; TEACHING TECHNIQUES; TECHNICAL EDUCATION; \*VOCATIONAL EDUCATION**

**ABSTRACT - THE 14 RESEARCH REVIEWS PERTAINING TO IMPROVING VOCATIONAL EDUCATION ARE ORGANIZED UNDER THESE TOPICS: (1) TRAINING OF EDUCATIONAL PERSONNEL, WHICH REVIEWS SIMULATION AND OTHER TECHNIQUES FOR DEVELOPING LEADERSHIP, FACILITIES AND EQUIPMENT FOR A COMPREHENSIVE PROGRAM, A NATIONAL CONFERENCE ON POSTSECONDARY PROGRAMS, DEVELOPMENT OF TEACHER COMPETENCIES IN HEALTH OCCUPATIONS PROGRAMS, PROJECT METHOD IN DISTRIBUTIVE EDUCATION, AND PROGRAM PLANNING, BUDGETING, AND EVALUATION, AND (2) CURRICULUM AND CLASSROOM TECHNIQUE, WHICH REVIEWS TEACHER USE OF INSTRUCTIONAL RESOURCES, MILITARY TECHNICAL TRAINING, EMPLOYERS' ATTITUDE TOWARD OCCUPATIONAL EDUCATION, SUB-PROFESSIONAL PERSONNEL IN HEALTH SERVICES, AND MICRO-TEACHING AND VIDEO RECORDING. "PLAIN TALK," A CONTINUING COLUMN BY THE EDITOR, DISCUSSES THE NECESSITY OF PROGRAM IMPROVEMENT THROUGH EVALUATION OF GOALS AND IMPLICATIONS OF ECONOMY PROJECTIONS TO VOCATIONAL EDUCATION. AN ADDITIONAL 27 STUDIES AND ORDERING INFORMATION ARE INCLUDED IN THE BIBLIOGRAPHY. (SB)**

**VT 011 942 ED 043 779**

**NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.**

**NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-070348-2698 08  
BR-7-0348**

**PUB DATE - 70 84P.**

**DESCRIPTORS - \*ACADEMIC STANDARDS; \*ACCREDITATION (INSTITUTIONS); \*CONFERENCE REPORTS; EDUCATIONAL PROBLEMS; JUNIOR COLLEGES; NATIONAL PROGRAMS; \*POSTSECONDARY EDUCATION; PRIVATE AGENCIES; REGIONAL PROGRAMS; STATE PROGRAMS; \*VOCATIONAL EDUCATION**

**ABSTRACT - A NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY VOCATIONAL EDUCATION PROGRAMS ATTENDED BY 109 VOCATIONAL EDUCATORS, WAS HELD TO BRIDGE THE GAP BETWEEN THE ACCREDITING AGENCIES AND VOCATIONAL EDUCATORS, PROVIDE FOR UNDERSTANDING OF THE PRESENT STATE OF ACCREDITATION, AND PROVIDE A FORUM FOR THE IDENTIFICATION, DISCUSSION, AND RECOMMENDATION OF SOLUTIONS TO ACCREDITATION PROBLEMS. HIGHLIGHTS FROM THESE PRESENTATIONS ARE INCLUDED: (1) "THE CONTINUING NEED FOR NONGOVERNMENTAL ACCREDITATION" BY F.G. DICKEY, (2) "THE CURRENT STATE OF ACCREDITATION OF POSTSECONDARY OCCUPATIONAL EDUCATION IN THE UNITED STATES" BY C.F. WARD, (3) "SPECIALIZED ACCREDITING AGENCY ACTIVITIES IN OCCUPATIONAL EDUCATION" BY J.W. MILLER, (4) "THE COMMUNITY JUNIOR COLLEGE APPROACH TO SPECIALIZED PROGRAM ACCREDITATION" BY K.G. SKAGGS, (5) "THE AMERICAN VOCATIONAL ASSOCIATION AND THE DEVELOPMENT OF STANDARDS FOR OCCUPATIONAL EDUCATION" BY L.C. ASH, (6) "ACCREDITATION OF POSTSECONDARY OCCUPATIONAL EDUCATION IN PERSPECTIVE: ISSUES AND ALTERNATIVES" BY W.K. SELDEN, (7) "A HOLISTIC APPROACH TO EVALUATING OCCUPATIONAL EDUCATION WITH IMPLICATIONS FOR ACCREDITATION" BY J.K. COSTER AND R.L. MORGAN, AND (8) PANEL DISCUSSIONS OF ACTIVITIES, REGIONAL ACCREDITING ASSOCIATIONS, AND ACCREDITATION PERSPECTIVES AT THE LOCAL, STATE, REGIONAL, AND NATIONAL LEVELS. (SB)**

**VT 011 943 ED 043 780**

**MATTHEWS, JOSEPH C., JR.**

**A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.**

**NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
EDRS PRICE MF-\$0.65 HC-\$3.29 OEC-5-85-107 08  
BR-5-1005**

**PUB DATE - 70 76P.**

**DESCRIPTORS - ADVISORY COMMITTEES; COMMUNITY COLLEGES; ECONOMIC FACTORS; FOLLOWUP STUDIES; \*INFORMATION DISSEMINATION; JOB PLACEMENT; MANPOWER NEEDS; \*POST SECONDARY EDUCATION; \*PROGRAM ADMINISTRATION; \*PROGRAM EVALUATION; PROGRAM IMPROVEMENT; \*VOCATIONAL EDUCATION**

**ABSTRACT - TO IDENTIFY MAJOR INFORMATION EXCHANGE PROBLEMS EXPERIENCED BY PROGRAM ADMINISTRATORS, DESCRIBE AND GRAPHICALLY MODEL A REPRESENTATIVE POSTSECONDARY SYSTEM, AND RECOMMEND ORGANIZATIONAL AND PROCEDURAL CHANGES, INTERVIEWS WERE HELD WITH THE PRESIDENT OR PROGRAM ADMINISTRATORS IN 50 INSTITUTIONS OPERATED UNDER THE NORTH CAROLINA DEPARTMENT OF COMMUNITY COLLEGES. THE INTERVIEW QUESTIONNAIRE SOUGHT INFORMATION ON DISSEMINATION ACTIVITIES, JOB PLACEMENT AND FOLLOWUP INQUIRIES, AREA ECONOMIC DATA, USE OF SECONDARY DATA SOURCES, COLLECTION OF PLANNING INFORMATION, ADVISORY COMMITTEES, AND DEVELOPMENT OF CAPABILITIES FOR PROGRAM-RELATED RESEARCH AND**

CENTRALIZED INFORMATION MANAGEMENT. IT WAS CONCLUDED THAT GROWTH IN OVERALL ENROLLMENT HAS BEEN INDICATIVE OF EFFECTIVE DISSEMINATION OF PROGRAM INFORMATION. THE LEVEL AND DIVERSITY OF PROGRAM ACTIVITY SUPPORTS AN OPINION THAT ACCOMPLISHMENTS MAY BE SUBSTANTIAL. HOWEVER, PERIODIC EVALUATIONS HAVE BEEN MADE LARGELY IN TERMS OF PROGRAM CHARACTERISTICS, AND THEY PROVIDE AN INADEQUATE BASIS FOR ESTIMATING THE EXTENT TO WHICH PROGRAMS HAVE CONTRIBUTED TO CLOSING GAPS BETWEEN MANPOWER NEEDS AND OUTPUTS. SEVERAL RECOMMENDATIONS ARE INCLUDED. (AUTHOR/SB)

VT 011 957

Operational Policies of the Committee on Occupational Education.

Southern Association of Colleges and Schools, Atlanta, Ga. Committee on Occupational Education.

NOT AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec69 16p.

DESCRIPTORS - \*ACCREDITATION (INSTITUTIONS); \*PROGRAM IMPROVEMENT; \*STANDARDS; VOCATIONAL EDUCATION; PROGRAM EVALUATION; ADVISORY COMMITTEES; \*EDUCATIONAL POLICIES; \*COMMITTEES

ABSTRACT - Realizing that the continued industrial development of the South requires quality occupational education, the Southern Association of Colleges and Schools has taken steps to improve such education as offered by non-member institutions. Thus, the Committee on Occupational Education was established to develop tentative standards and criteria for the evaluation of occupational education in these institutions. Other actions taken to improve the quality of these programs include the creation of: (1) The Executive Committee on Occupational Education, (2) advisory committees, and (3) standing committees. Procedures were also outlined concerning (1) finances, (2) staff responsibilities, (3) meetings, and (4) revision policies. Administrators and program supervisors should find this document of special interest in their efforts to improve the quality of occupational education. A related document is available as VT 011 959 (also in this issue). (JS)

VT 011 964

ED 043 784

STALEY, EUGENE

PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEC-4-7062597-1654 24

OET-1

BR-6-2597

PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305

PUB DATE - 68 148p.

DESCRIPTORS - CONCEPTUAL SCHEMES; CURRICULUM DESIGN; CURRICULUM DEVELOPMENT; \*DEVELOPED NATIONS; \*DEVELOPING NATIONS; EDUCATIONAL FINANCE; EDUCATIONAL NEEDS; \*EDUCATIONAL PROGRAMS; MANPOWER NEEDS; PROGRAM COSTS; PROGRAM DEVELOPMENT; \*PROGRAM PLANNING; \*VOCATIONAL EDUCATION

ABSTRACT - THIS STUDY OFFERS A CONCEPTUAL FRAMEWORK FOR PREPARING PEOPLE FOR ADEQUATE PERFORMANCE OF OCCUPATIONAL ROLES, AN ANALYSIS OF KEY ISSUES, AND INFORMATION ON EXPERIENCES AND CURRENT PRACTICES IN THE FIELD. THE MAIN FEATURES OF THE CONCEPTUAL FRAMEWORK INCLUDE GENERAL EDUCATION, GENERAL PLUS PRE-OCCUPATIONAL EDUCATION, JOB-ENTRY TRAINING PLUS FURTHER EDUCATION, AND CAREER-LONG FURTHER TRAINING AND RETRAINING PLUS FURTHER EDUCATION. THE LOGICAL STARTING POINT FOR PLANNING A DEVELOPING COUNTRY'S OCCUPATIONAL EDUCATION AND TRAINING SYSTEM IS ANALYSIS OF ITS EMERGING NEEDS FOR QUALIFIED PERSONNEL. AN INTEGRATED PLANNING APPROACH BEGINS BY SURVEYING THE COUNTRY'S ACTIVITIES THAT WILL REQUIRE QUALIFIED PERSONNEL AND PROCEEDS TO THE NEEDS OF EACH SECTOR AND ULTIMATELY TO EACH EMPLOYING ESTABLISHMENT. ONCE THE PLANNER HAS A FAIRLY CLEAR IDEA OF THE KINDS OF QUALIFICATIONS NEEDED, THE CURRICULUM CONTENT MUST BE DETERMINED. NEXT, THE PLANNER MUST CONSIDER THE INSTITUTIONS AVAILABLE AND WAYS TO LINK THE FORMAL EDUCATION SYSTEM AND THE EMPLOYMENT SYSTEM. FINALLY, THE OVER-ALL PLANNING, COORDINATING AND FINANCING OF THE TRAINING SYSTEM MUST BE CONSIDERED. (SB)

VT 011 966

ED 043 786

AL-BUKHARI, NAJATI MOHAMMED AMIN

ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$9.87 OEC-4-7-062597-1654 24



BR-6-2597

PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY,  
STANFORD, CALIFORNIA 94305  
PUB DATE - 68 127P.

DESCRIPTORS - CONTINUATION EDUCATION; COST EFFECTIVENESS; DROPOUT REHABILITATION;  
EDUCATIONAL FINANCE; \*EDUCATIONAL PROGRAMS; EXPENDITURE PER STUDENT; FOLLOWUP STUDIES;  
\*FOREIGN COUNTRIES; GRADUATE SURVEYS; JOB TRAINING; \*MANPOWER NEEDS; ON THE JOB  
TRAINING; PROGRAM EFFECTIVENESS; \*PROGRAM EVALUATION; SECONDARY EDUCATION; \*TRADE AND  
INDUSTRIAL EDUCATION  
IDENTIFIERS - \*TUNISIA

ABSTRACT - TO INVESTIGATE AND ANALYZE THE ROLE PLAYED BY THE INDUSTRIAL SECTIONS OF THE  
EDUCATIONAL, INTERVENING, AND EMPLOYMENT TRAINING SYSTEMS IN MEETING MANPOWER NEEDS AND  
TO DETERMINE OUTPUT AND COSTS OF THESE SYSTEMS, INTERVIEWS WERE HELD WITH EMPLOYMENT  
OFFICIALS, EDUCATORS, AND RECRUITMENT AND TRAINING OFFICERS TO OBTAIN INFORMATION  
CONCERNING THEIR ACTIVITIES. IN ADDITION, STRUCTURED INTERVIEWS WERE HELD WITH 243  
WORKERS TO DETERMINE TRAINING HISTORY. FINDINGS REVEALED THAT THE INTERVENING SYSTEM  
ACTS AS A LINK BETWEEN THE GRADUATES AND DROPOUTS OF THE EDUCATIONAL AND EMPLOYMENT  
SYSTEMS. THERE IS A TREND TOWARD TRANSFERRING THE TRAINING ACTIVITIES OF THE  
INTERVENING SYSTEM TO THE EMPLOYMENT SYSTEM. UTILIZATION OF SCHOOL CURRICULUM IN  
PERFORMING CURRENT JOBS REVEALED SUBSTANTIAL DUPLICATION OF LEARNING, AND THE GENERAL  
THEORY COMPONENT WAS MORE USEFUL IN ACQUIRING NEW SKILLS, WHILE SPECIFIC SKILLS WERE  
LEAST UTILIZED IN EMPLOYMENT. THESE FINDINGS SUGGEST THAT THE EDUCATIONAL SYSTEM OF  
TUNISIA SHOULD PUT LESS EMPHASIS ON SPECIFIC TRAINING AND MORE EMPHASIS ON PRODUCING  
READILY TRAINABLE, RATHER THAN SPECIFICALLY TRAINED, PERSONS. TO REDUCE EDUCATIONAL  
EXPENSES, THE PROBLEM OF DROPOUTS AND REPEATERS MUST BE STUDIED, AND THE EDUCATIONAL  
SYSTEM SHOULD BE RELIEVED OF SPECIFIC TRAINING FUNCTIONS IN ORDER TO ELIMINATE  
DUPLICATE TRAINING. A RELATED DOCUMENT IS AVAILABLE AS VT 011 965. (SB)

VT 012 323

Vocational Education: The Bridge Between Man and His Work. Publication 1.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 111p.; Highlights and Recommendations from the General Report of  
the Advisory Council on Vocational Education, 1968.

DESCRIPTORS - \*FEDERAL LAWS; \*VOCATIONAL EDUCATION; \*SOCIOECONOMIC INFLUENCES; PROGRAM  
DEVELOPMENT; EDUCATIONAL COORDINATION; \*FEDERAL STATE RELATIONSHIP; EDUCATIONAL  
OPPORTUNITIES; \*EDUCATIONAL OBJECTIVES; EDUCATIONAL LEGISLATION  
IDENTIFIERS - \*VOCATIONAL EDUCATION ACT OF 1963

ABSTRACT - This report is a summary of "Vocational Education: The Bridge Between Man  
and His Work. General Report," available as ED 028 267 or VT 007 877 (ARM Winter 1969).  
(BH)



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CURRICULUM  
SECTION

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VT 007 242 ED 043 727

NUCKOLS, TROY E., AND OTHERS

TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.

SAN MATEO UNION HIGH SCHOOL DISTRICT, CALIF.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$6.58

PUB DATE - JUN 68 157P.

DESCRIPTORS - \*BUSINESS EDUCATION; GRADING; \*HIGH SCHOOL STUDENTS; \*INDIVIDUALIZED CURRICULUM; \*INDIVIDUALIZED INSTRUCTION; PERFORMANCE CRITERIA; \*TYPEWRITING

ABSTRACT - THE PHASED TYPING PROGRAM USES INDIVIDUALIZED INSTRUCTION TO ENABLE EACH STUDENT TO ACHIEVE A LEVEL OF TYPING SKILL COMMENSURATE WITH HIS OWN MOTIVATION, ABILITY, AVAILABLE TIME, AND PERFORMANCE OBJECTIVE. FOR THE TYPICAL STUDENT THE FOUR PHASES CORRESPOND IN TIME TO FOUR SEMESTERS OF TYPEWRITING INSTRUCTION. STUDENTS WHO INTEND TO USE THE TYPEWRITER PRIMARILY FOR PERSONAL USE WOULD NORMALLY COMPLETE NO MORE THAN THE ACTIVITIES IN THE FIRST AND SECOND PHASES. THE STUDENT WORKING TOWARD DEVELOPMENT OF ENTRY LEVEL SKILLS FOR THE OFFICE OCCUPATION (SUCH AS SECRETARY, STENOGRAPHER, CLERK TYPIST, OR GENERAL OFFICE CLERK) WOULD NORMALLY COMPLETE ALL FOUR PHASES OF THE PROGRAM. THE INDIVIDUALIZED APPROACH ALLOWS A STUDENT TO COMPLETE ALL PHASES IN AS SHORT A PERIOD AS ONE SEMESTER OR AS LONG A PERIOD OF TIME AS FOUR SEMESTERS. EACH LEARNING ACTIVITY CONSISTS OF RATIONALE, GENERAL OBJECTIVE, PERFORMANCE OBJECTIVE, EXEMPTION, ACTIVITIES, AND EVALUATION. (CH)

VT 010 740

Training and Technology; Worker Training Curriculum, Phase I.

Oak Ridge Associated Universities, Tenn.

Tennessee Univ., Knoxville.

Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.

Office of Education (DHEW), Washington, D.C.

Department of Labor, Washington, D.C.

Atomic Energy Commission, Oak Ridge, Tenn.

MF AVAILABLE IN VT-ERIC SPT.

MPD-4

PUB DATE - Aug 69 141p.

DESCRIPTORS - \*TECHNICAL EDUCATION; \*DEMONSTRATION PROJECTS; \*CURRICULUM; \*SKILL DEVELOPMENT; JOB PLACEMENT; \*TRAINING; TABLES (DATA); MATHEMATICS; COMMUNICATION (THOUGHT TRANSFER); SCIENCES; UNEMPLOYED  
IDENTIFIERS - \*TRAINING AND TECHNOLOGY; TAT

ABSTRACT - Eight different organizations combined their resources to organize and operate a training program for the disadvantaged and unemployed at the United States Atomic Energy Commission Plant at Oak Ridge, Tennessee. The primary objectives of the program were to prepare the unemployed or underemployed, most with high school diplomas or the equivalent, to obtain employment, to become productive a short time after employment, to advance to positions of increasing responsibility, and to grow in occupational fields. This report describes 52- and 42-week experimental curriculums which provided skill and technician training and related studies including math, science, and communications to train participants to do physical testing, mechanical engineering technology and drafting, glass fabrication, machining, welding, and electronic technology and instrument mechanics. This report treats course content and methods in general terms and is not a detailed instructional manual. Reports on individual curriculums are available as VT 010 694 (also in this issue) and VT 010 695, VT 010 716, and VT 010 717 (AIM Spring 1971). (BC)

VT 011 273

Program Services Special Needs Workshop (Nashville, Tennessee, August 26-30, 1968).

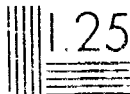
Tennessee State Board for Vocational Education, Nashville.

MF AVAILABLE IN VT-ERIC SET.

Vocational Curriculum Laboratory, Box 1114, Murfreesboro, Tennessee 37130.

PUB DATE - 68 87p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; WORKSHOPS; \*SPECIAL EDUCATION; \*CURRICULUM DEVELOPMENT; \*MATERIAL DEVELOPMENT; \*INSTRUCTIONAL MATERIALS; REMEDIAL INSTRUCTION; TESTING; COMMUNICATION (THOUGHT TRANSFER); EDUCATIONAL PHILOSOPHY; TEACHER ADMINISTRATOR RELATIONSHIP



ABSTRACT - A workshop on vocational-related curriculum and material development was attended by 45 instructors of special needs programs and 16 visitors. Major presentations, demonstrations, discussions, and group work focused on these topics: (1) history and development of special needs programs, (2) equipment and materials, (3) preparation and use of instructional sheets, (4) vocational philosophy, (5) vocational related remedial instruction, (6) communications, (7) testing, and (8) teacher-supervisor relations. A number of instructional sheets developed during the workshop are included. (SB)

VT 011 296

Kase, Donald H., Comp.

Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business (And Other Selected Curriculum Areas) in Napa, Marin, Solano, and Sonoma Counties.

North Bay PACE Center, Napa, Calif.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Feb69 77p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*BEHAVIORAL OBJECTIVES; \*CAREER PLANNING; SECONDARY GRADES; TRADE AND INDUSTRIAL EDUCATION; OCCUPATIONAL HOME ECONOMICS; VOCATIONAL AGRICULTURE; BUSINESS EDUCATION; HANDICAPPED; AFRICAN AMERICAN STUDIES; \*RESOURCE MATERIALS

IDENTIFIERS - \*ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - Developed during two workshops attended by approximately 30 teachers each, submitted to students for reaction, and revised according to these reactions, this document contains behavioral objectives for career development in the educational areas of industry and technology, home economics, agriculture, business, government, and the educationally handicapped. The workshops emphasized learning to specify objectives by considering condition, action, criterion, meaningfulness, internal consistency, priority, and rationale of the objectives. Objectives are listed under occupational topics in each area. The student reaction form and list of publications are appended. (SB)

VT 011 600 ED 042 053

DOMMER, CAROLYN

HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.

MICHIGAN STATE UNIV., EAST LANSING.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-3-7-070211-2679 08

BR-7-0211

PUB DATE - FEB 70 153p.

DESCRIPTORS - \*CURRICULUM DEVELOPMENT; GUIDELINES; \*HOME ECONOMICS EDUCATION; INFORMATION SEEKING; \*INSTRUCTIONAL MEDIA; \*OCCUPATIONAL HOME ECONOMICS; TEACHER EDUCATION; \*WORK EXPERIENCE PROGRAMS

ABSTRACT - THE PASSAGE OF THE VOCATIONAL EDUCATION ACT OF 1963 BROADENED THE EMPHASIS OF HOME ECONOMICS EDUCATION TO INCLUDE THE DEVELOPMENT OF OCCUPATIONAL PROGRAMS, A TASK WHICH INVOLVED DEVELOPING CURRICULUM MODELS, INSTRUCTIONAL MATERIALS, AND TEACHER EDUCATION PROGRAMS. THE HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT SOUGHT TO EXPAND EMPLOYMENT OPPORTUNITIES VIA THE INITIATION OF NEW PROGRAMS IN LOCAL SCHOOL SETTINGS AND TO SECURE BY MEANS OF MONITORING LOCAL CLINICAL PROGRAMS, A RESERVOIR OF EXPERIENCE AND INFORMATION FROM WHICH TO GENERATE GUIDELINES FOR THE ABOVE. THE ULTIMATE OBJECTIVE OF THE PROJECT WAS TO EXTEND OPPORTUNITIES FOR OCCUPATIONAL PREPARATION TO HIGH SCHOOL STUDENTS. THE MAJOR OUTCOMES FROM THIS PROJECT ARE THE MATERIALS PREPARED AND USED IN THE ACTIVITIES, THE EDUCATIONAL GROWTH EXPERIENCED BY PROJECT PARTICIPANTS, AND THE BENEFIT TO BE DERIVED BY FUTURE PROJECTS BY THIS TYPE. RELATED DOCUMENTS ARE AVAILABLE AS ED 028 874, AND ED 016 854. (JS)

VT 011 730

Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.

American Medical Association, Chicago, Ill. Council on Medical Education.

American Occupational Therapy Association, New York, N.Y.

MF AVAILABLE IN VT-ERIC SET.

Department of Allied Medical Professions and Services, American Medical Association,



**ABSTRACT** - A workshop on vocational-related curriculum and material development was attended by 45 instructors of special needs programs and 16 visitors. Major presentations, demonstrations, discussions, and group work focused on these topics: (1) history and development of special needs programs, (2) equipment and materials, (3) preparation and use of instructional sheets, (4) vocational philosophy, (5) vocational related remedial instruction, (6) communications, (7) testing, and (8) teacher-supervisor relations. A number of instructional sheets developed during the workshop are included. (SB)

VT 011 296

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North Bay PACE Center, Napa, Calif.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Feb69 77p.

**DESCRIPTORS** - \*VOCATIONAL EDUCATION; \*BEHAVIORAL OBJECTIVES; \*CAREER PLANNING; SECONDARY GRADES; TRADE AND INDUSTRIAL EDUCATION; OCCUPATIONAL HOME ECONOMICS; VOCATIONAL AGRICULTURE; BUSINESS EDUCATION; HANDICAPPED; AFRICAN AMERICAN STUDIES; \*RESOURCE MATERIALS

**IDENTIFIERS** - \*ELEMENTARY SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

**ABSTRACT** - Developed during two workshops attended by approximately 30 teachers each, submitted to students for reaction, and revised according to these reactions, this document contains behavioral objectives for career development in the educational areas of industry and technology, home economics, agriculture, business, government, and the educationally handicapped. The workshops emphasized learning to specify objectives by considering condition, action, criterion, meaningfulness, internal consistency, priority, and rationale of the objectives. Objectives are listed under occupational topics in each area. The student reaction form and list of publications are appended. (SB)

VT 011 600 ED 042 053

DOMMER, CAROLYN

HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.

MICHIGAN STATE UNIV., EAST LANSING.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-3-7-070211-2679 08

BR-7-0211

PUB DATE - FEB 70 153p.

**DESCRIPTORS** - \*CURRICULUM DEVELOPMENT; GUIDELINES; \*HOME ECONOMICS EDUCATION; INFORMATION SEEKING; \*INSTRUCTIONAL MEDIA; \*OCCUPATIONAL HOME ECONOMICS; TEACHER EDUCATION; \*WORK EXPERIENCE PROGRAMS

**ABSTRACT** - THE PASSAGE OF THE VOCATIONAL EDUCATION ACT OF 1963 BROADENED THE EMPHASIS OF HOME ECONOMICS EDUCATION TO INCLUDE THE DEVELOPMENT OF OCCUPATIONAL PROGRAMS, A TASK WHICH INVOLVED DEVELOPING CURRICULUM MODELS, INSTRUCTIONAL MATERIALS, AND TEACHER EDUCATION PROGRAMS. THE HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT SOUGHT TO EXPAND EMPLOYMENT OPPORTUNITIES VIA THE INITIATION OF NEW PROGRAMS IN LOCAL SCHOOL SETTINGS AND TO SECURE BY MEANS OF MONITORING LOCAL CLINICAL PROGRAMS, A RESERVOIR OF EXPERIENCE AND INFORMATION FROM WHICH TO GENERATE GUIDELINES FOR THE ABOVE. THE ULTIMATE OBJECTIVE OF THE PROJECT WAS TO EXTEND OPPORTUNITIES FOR OCCUPATIONAL PREPARATION TO HIGH SCHOOL STUDENTS. THE MAJOR OUTCOMES FROM THIS PROJECT ARE THE MATERIALS PREPARED AND USED IN THE ACTIVITIES, THE EDUCATIONAL GROWTH EXPERIENCED BY PROJECT PARTICIPANTS, AND THE BENEFIT TO BE DERIVED BY FUTURE PROJECTS BY THIS TYPE. RELATED DOCUMENTS ARE AVAILABLE AS ED 028 874, AND ED 016 854. (JS)

VT 011 730

Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.

American Medical Association, Chicago, Ill. Council on Medical Education.

American Occupational Therapy Association, New York, N.Y.

MF AVAILABLE IN VT-ERIC SET.

Department of Allied Medical Professions and Services, American Medical Association,

535 North Dearborn Street, Chicago, Illinois 60610.  
PUB DATE - Dec65 10p.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*CURRICULUM PLANNING; \*CURRICULUM GUIDES; \*ACCREDITATION (INSTITUTIONS); ORGANIZATION; ADMINISTRATION; FACULTY; \*OCCUPATIONAL THERAPY

ABSTRACT - Developed from an intensive nationwide study of curriculum and measured against current clinical practices and stated ideals, these recommendations of current standards for accreditation were developed by the American Occupational Therapy Association. In addition to suggestions on using the guide, topics include accreditation, faculty, curriculum, and organization and administration. (GB)

VT 011 780 ED 043 759

SMITH, BRANDON B.

SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.

WISCONSIN UNIV., MADISON.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - NOV 68 7p.; PRESENTED AT A NORTH CENTRAL REGIONAL CONFERENCE OF RCU DIRECTORS

DESCRIPTORS - \*BIBLIOGRAPHIES; \*CURRICULUM DEVELOPMENT; EDUCATIONAL NEEDS; \*EDUCATIONAL RESEARCH; MEASUREMENT; REHABILITATION; RESOURCE MATERIALS; \*SOCIAL STUDIES; TECHNICAL EDUCATION; \*VOCATIONAL EDUCATION

ABSTRACT - THIS BIBLIOGRAPHY PRESENTS 72 CITATIONS RANGING IN DATE FROM 1958 TO 1968 AND INCLUDES PERIODICAL ARTICLES, UNIVERSITY PUBLICATIONS, AND RESEARCH REPORTS. LISTINGS ARE ARRANGED BY AUTHOR IN THREE GROUPS WHICH ARE: (1) SOCIOLOGICAL AND PSYCHOLOGICAL FOUNDATIONS FOR IDENTIFYING SOURCES AND TYPES OF SOCIETAL INFORMATION, (2) METHODOLOGIES FOR VOCATIONAL EDUCATION CURRICULUM DEVELOPMENT: IMPLICATIONS FOR DIFFERENT SOCIAL AND PHILOSOPHIC FOUNDATIONS, AND (3) MEASURES OF PSYCHO-SOCIAL NEEDS, SATISFACTIONS AND SATISFACTORINESS: VOCATIONAL REHABILITATION. INDIVIDUAL ENTRIES INCLUDE AUTHOR, TITLE, PUBLISHER, AND DATE. THIS BIBLIOGRAPHY SHOULD BE OF INTEREST TO CURRICULUM SPECIALISTS AND PROGRAM DIRECTORS. (JS)

VT 012 164

Pautler, Albert J.

Occupational Preparation, K-12 and Beyond.

New Jersey School Board Association.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 29Oct70 14p.; Presented at New Jersey School Board Association Workshop (Atlantic City, Oct. 29, 1970).

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*CURRICULUM DEVELOPMENT; \*ELEMENTARY GRADES; \*SECONDARY GRADES; \*SPEECHES; BOARDS OF EDUCATION; EDUCATIONAL OBJECTIVES; EDUCATIONAL PROGRAMS; BOARD OF EDUCATION ROLE

ABSTRACT - Occupational education is defined as education geared to the preparation of youth and adults for meaningful employment in the world of work. In order to have meaningful curriculum development in occupational education, it is essential that educational objectives be stated. The occupational education program should be guided in writing objectives both by educational considerations and the pressures, needs, and skills required by a modern industrial society. A good secondary level program should be based on a firm elementary and middle school program of an exploratory type. Some outstanding elementary programs include the Technology for Children Project (New Jersey), Elementary Industrial Arts Project (North Carolina), and the Industrial Arts Center Concept (Pennsylvania), while some middle school programs include Introduction to Vocations (New Jersey), The Maryland Plan, The Georgia Plan for Industrial Arts, and Industrial Arts Curriculum Project (The Ohio State University). Members of vocational school boards should consider the need for a well stated school philosophy and objectives, built-in evaluation system, realistic entrance requirements, and cooperation with other school boards so that a good elementary and middle school program supports the secondary programs. (SB)

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EMPLOYMENT  
AND OCCUPATIONS  
SECTION

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VT 003 298 ED 043 726

MYERS, JOHN G.; CREAMER, DANIEL

MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.

NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., NEW YORK, N.Y.

FORD FOUNDATION, NEW YORK, N.Y.

EDRS PRICE MF-\$0.65 HC-\$9.87

NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., 845 THIRD AVENUE, NEW YORK, NEW YORK 10022

PUB DATE - 67 297P.

DESCRIPTORS - EMPLOYMENT LEVEL; \*EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; EVALUATION METHODS; FEASIBILITY STUDIES; LABOR FORCE; \*LABOR MARKET; \*MANPOWER UTILIZATION; MEASUREMENT TECHNIQUES; \*OCCUPATIONAL SURVEYS; POPULATION TRENDS; \*RESEARCH DESIGN; UNEMPLOYMENT IDENTIFIERS - NEW YORK; ROCHESTER

ABSTRACT - PREVIOUS STUDIES OF MEASUREMENT OF EMPLOYMENT AND UNEMPLOYMENT HAVE BEEN CONDUCTED, BUT A SIMILAR STATISTICAL PROGRAM ON JOB VACANCIES COULD PROVIDE A MORE COMPLETE AND ACCURATE INSIGHT INTO THE CONDITION OF THE LABOR MARKET FOR EMPLOYERS, PLACEMENT AGENCIES, COUNSELORS, AND VOCATIONAL EDUCATION PLANNERS. THIS STUDY TESTED THE FEASIBILITY OF MEASURING JOB VACANCIES THROUGH THREE QUARTERLY SURVEYS OF SOME 400 EMPLOYERS IN THE ROCHESTER AREA IN 1965. A 99 PERCENT RESPONSE BY EMPLOYERS DEMONSTRATED THEIR WILLINGNESS TO PARTICIPATE IN A VOLUNTARY STATISTICAL REPORTING PROGRAM. THE DEFINITION OF A JOB VACANCY AS AN UNFILLED JOB THAT AN EMPLOYER IS ACTIVELY SEEKING TO FILL BY HIRING A PERSON OUTSIDE HIS ORGANIZATION WAS FOUND TO BE OPERATIONAL. MAJOR FINDINGS INCLUDED: (1) THE TOTAL ESTIMATE OF EIGHT TO NINE THOUSAND JOB VACANCIES REPRESENTED ABOUT 3 PERCENT OF ALL JOBS IN THE COUNTRY, (2) THE SAMPLE SIZE OF 400 WAS ADEQUATE TO PROVIDE RELIABLE ESTIMATES OF VACANCIES, (3) THE ESTIMATED COST OF CONTINUING QUARTERLY COLLECTION OF JOB VACANCY DATA IN 146 MAJOR METROPOLITAN AREAS OF THE U.S. WAS \$8 MILLION TO \$8.5 MILLION PER YEAR. (CD)

VT 003 396 ED 042 872

COHEN, WILBUR J.

MANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).

OFFICE OF MANPOWER POLICY, EVALUATION, AND RESEARCH (DOL), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - APR 67 46P.

DESCRIPTORS - \*EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; \*JOB MARKET; \*LABOR FORCE; \*MANPOWER UTILIZATION; SEMINARS; WOMENS EDUCATION; \*WORKING WOMEN

ABSTRACT - ONE OF A SERIES OF PROCEEDINGS OF SEMINARS ON MANPOWER POLICY AND PROGRAM, THIS REPORT PRESENTS A CONDENSED TRANSCRIPT OF A SEMINAR. DR. WILBUR J. COHEN DISCUSSED WOMEN IN THE LABOR FORCE TODAY, FUTURE TRENDS IN WOMEN'S EMPLOYMENT, FUTURE DEMANDS FOR WORKERS, HEALTH PERSONNEL SHORTAGES, EDUCATIONAL OPPORTUNITIES, HOMEMAKER SERVICES NEEDED, AND INCREASED FREEDOM OF CHOICE IN THE FUTURE SOME OF THE POINTS WERE: (1) ECONOMIC FACTORS, AMOUNT OF EDUCATION, AND AGE OF CHILDREN ARE MAJOR FACTORS WHICH INFLUENCE MARRIED WOMEN'S DECISION TO WORK, (2) OF THE TOTAL LABOR FORCE GROWTH BETWEEN 1964 AND 1980, ABOUT 21 MILLION (87 PERCENT) WILL BE DUE TO POPULATION INCREASES AND THE REMAINDER WILL BE FROM RISING LABOR FORCE PARTICIPATION RATES OF ADULT WOMEN, (3) PROFESSIONAL AND TECHNICAL WORKERS, THOSE WITH THE HIGHEST AVERAGE EDUCATIONAL ATTAINMENT, WILL BE THE FASTEST GROWING OCCUPATIONAL GROUP, (4) ACUTE HEALTH PERSONNEL SHORTAGES WILL NECESSITATE RETHINKING TRAINING AND JOB REQUIREMENTS TO ALLOW FOR UPWARD AND LATERAL MOBILITY OF PERSONNEL, (5) MORE FLEXIBLE TIME SCHEDULES IN BOTH EDUCATION AND JOBS, AND ADEQUATE CHILD-CARE AND HOMEMAKER SERVICES WOULD ALLOW MORE WOMEN TO WORK, AND (6) SKILLS AND KNOWLEDGE OF WOMEN WILL BE USED MORE CREATIVELY AND FULLY THAN EVER BEFORE. A QUESTION AND ANSWER PERIOD FOLLOWED THE ADDRESS. (CD)

VT 006 210

A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.

Wisconsin State Employment Service, Madison.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 43p.

DESCRIPTORS - \*MANPOWER NEEDS; \*AMERICAN INDIANS; \*EMPLOYMENT; \*EMPLOYMENT PROBLEMS; \*EDUCATIONAL NEEDS



**ABSTRACT** - With the use of questionnaires to contact over 90 percent of the Indian households in the selected tribal areas, this study outlines some general characteristics of Wisconsin Tribal Indians as they relate to their employment needs. Detailed information was obtained from 2,021 individuals 16 years of age and over. About one-third of the group were Oneida Indians from Brown and Outagamie Counties. The unemployment rate was about 23 percent with considerable variation between counties. Only 20 percent of those surveyed earned over \$3,000 in the past year in spite of the fact that over 40 percent worked at least 26 weeks. The largest percentage of those employed were working in manufacturing, but were primarily in low skill occupations. About 40 percent of those surveyed expressed an interest in continuing education, and 50 percent expressing an interest in vocational training. (GB)

VT 006 270

Srb, Jozetta H.

Meeting Manpower Shortages, A Review of Reported Experience.

State Univ. of New York, Ithaca. School of Industrial and Labor Relations at Cornell Univ.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep67 33p.

**DESCRIPTORS** - \*MANPOWER NEEDS; \*SKILLED WORKERS; \*LABOR MARKET; EMPLOYMENT OPPORTUNITIES; \*MANPOWER DEVELOPMENT; \*UNEMPLOYED; INTERAGENCY COOPERATION; DISADVANTAGED GROUPS

**ABSTRACT** - In 1965 and 1966, manpower shortages developed in many skilled occupations. These shortages were structured rather than general, and industry was able to relieve its shortages through recruiting, lowered hiring standards, employee training, overtime, job modification, and the rearrangement of plant layout to utilize manpower more efficiently. This experience helped the hard core unemployed by promoting cooperation between government and industry in providing training programs. (BH)

VT 006 312

Summary of Employment Security Statistical Reports.

Bureau of Employment Security (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Aug67 74p.

**DESCRIPTORS** - \*EMPLOYMENT SERVICES; \*ECONOMIC RESEARCH; \*REPORTS; \*STATISTICAL DATA; \*STATE SURVEYS; STATISTICAL STUDIES; EMPLOYMENT STATISTICS

**ABSTRACT** - This document summarizes as of March 31, 1967, the statistical reporting programs of the Bureau of Employment Security. Each of the 47 summarized reports includes title, major contents, primary uses of data, and where the collected data are published. Also, an index lists alphabetically, by report number, the subject matter covered in the various statistical reports. (GB)

VT 007 815

ED 042 873

TRANSFERRING MILITARY EXPERIENCE TO CIVILIAN JOBS. A STUDY OF SELECTED AIR FORCE VETERANS. MANPOWER/AUTOMATION RESEARCH MONOGRAPH NO. 8.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

MANPOWER ADMINISTRATION, U.S. DEPARTMENT OF LABOR, 14TH STREET AND CONSTITUTION AVENUE, N.W., WASHINGTON, D.C. 20210

PUB DATE - OCT 68 38p.

**DESCRIPTORS** - CAREER PLANNING; \*JOB SKILLS; \*MILITARY TRAINING; \*OCCUPATIONAL SURVEYS; PROFESSIONAL OCCUPATIONS; PROFILE EVALUATION; QUESTIONNAIRES; SEMISKILLED OCCUPATIONS; TECHNICAL OCCUPATIONS; \*TRANSFER OF TRAINING

**ABSTRACT** - WHILE MOST SERVICEMEN HAVE NO TROUBLE FINDING EMPLOYMENT IN THE CURRENT BOOMING JOB MARKET, THEY OFTEN FIND THEMSELVES TAKING JOBS BENEATH THEIR HIGHEST SKILL LEVELS, A LOSS NOT ONLY TO THEM BUT TO THEIR EMPLOYERS. THOSE WHOSE MILITARY SERVICE WAS IN NON-TECHNICAL JOBS OFTEN CAN FIND JOBS ONLY AT THE BEGINNERS LEVEL AND EVEN THOSE MAY BE HARD TO COME BY. THIS DOCTORAL STUDY INVESTIGATED THE EXTENT TO WHICH MILITARY EXPERIENCE CONTRIBUTED TO THE QUALIFICATIONS OF THE CIVILIAN APPLICANT AND HELPED HIM GET THE JOB, AND THE CONTRIBUTION HIS SKILLS MADE TO THE ACTUAL PERFORMANCE OF THE JOB ONCE HIRED. OF THE OFFICERS QUESTIONED, 64 PERCENT SAID THAT THEIR MILITARY SERVICE HAD HELPED "SOMEWHAT" OR "A GREAT DEAL" WHILE 13 PERCENT FELT THAT IT HAD BEEN OF "NO HELP" OR A "HINDRANCE." OF THE CRAFTS GROUP OF ENLISTED MEN, 30 PERCENT REPORTED

IT HAD "HELPED A GREAT DEAL." APPROXIMATELY 40 PERCENT OF BOTH OFFICERS AND ENLISTED MEN SAID THERE WAS NO NEED FOR THE MILITARY TRAINING AND EXPERIENCE IN THE PERFORMANCE OF THEIR JOBS. COPIES OF THE FULL DISSEMINATION UPON WHICH THIS REPORT IS BASED ARE AVAILABLE AS PB 177 372 FROM THE CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL EDUCATION, SPRINGFIELD, VIRGINIA 22151. (CH)

VT 009 276

JGesting, Harriette  
Nursing in Hawaii, 1968. Report No. 4.

Hawaii Univ., Honolulu. Legislative Reference Bureau.  
MF AVAILABLE IN VT-ERIC SET.  
Legislative Reference Bureau, University of Hawaii, 2425 Campus Road, Honolulu, Hawaii 96822 (\$1.00).  
PUB DATE - 69 57p.

DESCRIPTORS - \*HEALTH OCCUPATIONS; \*HEALTH OCCUPATIONS EDUCATION; \*NURSING; NURSES; GERIATRICS; NURSES AIDES; EMPLOYMENT STATISTICS; \*MANPOWER NEEDS; RURAL AREAS; COSTS; FEDERAL LEGISLATION; PROFESSIONAL EDUCATION; NATIONAL ORGANIZATIONS  
IDENTIFIERS - \*HAWAII

ABSTRACT - A House Resolution calling attention to national shortages of nurses and to the particular need for nursing personnel to care for the increasing number of aged persons in Hawaii was the impetus for this study. The report, presented in four chapters, first discusses health service pressures, health manpower, rising medical costs, and health indices. "Nursing Personnel and Nursing Education" discusses the various levels of nursing education and the part played on nursing education by nursing organizations, the Surgeon General's Consultant Group report, and federal legislation. "Nursing Population" presents information on nursing personnel presently employed and those needed. The final chapter concludes that the presently projected number of Hawaii nursing school graduates and nurses coming from other places will probably adequately fill the near term nursing needs of the state. However, Hawaii must give attention to offering adequate training opportunities to train local residents. While a serious shortage of nurses does not exist in the state as a whole, shortages do exist in rural areas. Recommendations include making part-time work available, making working conditions comparable to other areas of the labor market, and relating pay rates to level of preparation. (JK)

VT 009 540

Taylor, Kenneth E.; Weiss, David J.  
Prediction of Individual Job Turnover From Measured Job Satisfaction, and Supplementary Tables. Research Report No. 22.

Minnesota Univ., Minneapolis.  
Social and Rehabilitation Service (DHEW), Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
Work Adjustment Project, University of Minnesota, 447 B.A. Building, Minneapolis, Minnesota 55455 (no charge).  
PUB DATE - Sep69 14p.; Paper presented at the Annual Meeting of the American Psychological Association (7th, Sept. 3, 1969).

DESCRIPTORS - \*JOB SATISFACTION; \*CAREER CHANGE; \*LABOR TURNOVER; TABLES (DATA); \*JOB TENURE

ABSTRACT - To provide a test of the relationship between satisfaction and job termination, the Minnesota Satisfaction Questionnaire (MSQ) was administered to a group of 475 employees of a discount store chain. After a lapse of 1 year, personnel records indicated that about 20 percent of the sample had terminated. "Leavers" were significantly less satisfied on 10 of the 27 MSQ scales. A discriminant function using MSQ scores as predictors was developed on one group of the employees and applied to a cross-validation group. There was a significant relationship between predicted and actual termination for both the development and cross-validation groups. Supplementary tables accompany the document. (AUTHOR/SB)

VT 009 570

Griew, Stephen; Philipp, Eileen  
Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry. Research Paper No. 12.

New Zealand Inst. of Economic Research, Inc.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 74p.

Washington State Employment Security Dept., Olympia.

MF AVAILABLE IN VT-ERIC SET.

Washington State Employment Service, P.O. Box 367, Olympia, Washington 98501 (no charge).

PUB DATE - Jul68 48p.

DESCRIPTORS - \*LUMBER INDUSTRY; \*FORESTRY OCCUPATIONS; \*OCCUPATIONAL INFORMATION; VOCATIONAL EDUCATION; \*TECHNOLOGICAL ADVANCEMENT; PHOTOGRAPHS

ABSTRACT - The machinery, equipment and processes used today are described for such typical sawmill and planing mill operations as log handling, sawmill (including the headsaw, edger, trimsaw and resaw), greenchain, dry kiln, planer mill, waste recovery, shipping methods, and specialty products. Photographic illustrations accompany descriptions of these operations. Appended are schematic illustrations, flow chart, list of job titles, and job descriptions for 28 sawmill occupations. (GR)

VT 009 804

Manpower Outlook '80: Arizona Agriculture. Research and Information Series No. MNP-1-68.

Arizona State Employment Security Commission, Phoenix. State Employment Service.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Nov68 45p.

DESCRIPTORS - \*AGRICULTURE; \*MANPOWER NEEDS; \*MANPOWER UTILIZATION; \*ECONOMIC FACTORS; ECONOMIC CHANGE; \*STATE SURVEYS; EMPLOYMENT PROJECTIONS; POPULATION TRENDS; AGRICULTURAL OCCUPATIONS; MIGRANT WORKERS; AUTOMATION  
IDENTIFIERS - ARIZONA

ABSTRACT - Agricultural manpower needs for Arizona in the 1980's were derived by relating agricultural data to past and present manpower uses. While agriculture has been a principal sector in Arizona's economic base, changes in the economic structure have occurred as a result of increased output from manufacturing, mining, and tourism. Rising costs, urban expansion, and a trend toward larger producing units have served to decrease the number of farms during a period in which total agricultural income has been steadily rising. The regular hired agricultural work force has increased relative to the total agricultural work force; however, the number of seasonal workers has sharply declined because of the mechanization of the production process. Mechanization will also influence the number and type of regular hired workers in the future. Production agriculture will require a more highly skilled individual, capable of successfully accomplishing varied agricultural tasks. Data depicting the principal trends and projections are presented in tabular form. (CH)

VT 009 885

Spiegel, Jeanne

Working Mothers: A Selected Annotated Bibliography.

Business and Professional Women's Foundation, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Business and Professional Women's Foundation, 2012 Massachusetts Avenue, N.W., Washington, D.C. 20036 (single copies without charge).

PUB DATE - 68 28p.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*WORKING WOMEN; \*MOTHERS  
IDENTIFIERS - \*BUSINESS AND PROFESSIONAL WOMENS FOUNDATION

ABSTRACT - In keeping with the purposes of the Foundation--to conduct and support research on the economic, social, and psychological challenges confronting women; to further the development of the capabilities of women; to provide scholarships; and to prepare, publish, and make available to the public material on women--this annotated bibliography is intended for the use of mothers working or contemplating work outside the home and for the use of researchers in the field. Seventy-eight entries published within the last 10 years are arranged under the classifications of: (1) books, reports, and pamphlets, (2) periodicals, and (3) microfilms and tape recordings. (JK)

VT 009 892

Occupational Profile; City of San Francisco.

California State Dept. of Employment, Sacramento. Human Relations Agency.

MF AVAILABLE IN VT-ERIC SET.

California State Department of Employment, 745 Franklin Street, San Francisco 94102.



DESCRIPTORS - \*MANPOWER UTILIZATION; \*EMPLOYEE ATTITUDES; \*SKILLED WORKERS; \*SEMISKILLED WORKERS; \*UNSKILLED WORKERS; WORKING HOURS; WORK ATTITUDES; FOREIGN COUNTRIES; MALES; FEMALES; IMMIGRANTS; BIBLIOGRAPHIC CITATIONS; TABLES (DATA)  
IDENTIFIERS - \*NEW ZEALAND

ABSTRACT - The acceptability of shiftwork to industrial workers in New Zealand's labor force was investigated. Data were collected by a 12-factor questionnaire which covered prospects of promotion, type of work, the firm's reputation, fellow workers, foremen and supervisors, security of employment, night work, pay, extra benefits, working conditions and surroundings, hours of work, and shiftwork. The sample consisted of 2,657 employees (2,082 males and 575 females) of 124 manufacturing establishments representing all types of manufacturing industry. Because of the greater relevance which night work and shift work has for skilled, semiskilled, and unskilled workers, detailed differential analysis was made of the responses from 1,314 male workers in these categories according to age, marital status, number of dependents, origin, job stability, region, and the existence of full or modified shiftwork in the firm of present employment. The findings include: (1) Acceptability decreases sharply with advancing age, (2) Marriage does not appear to be a strong determinant of negative attitude, (3) Regional differences do not appear to exist, (4) Native-born New Zealanders and immigrants do not differ significantly, and (5) The practice of shift work and night work is quite likely to enhance their acceptability. (CH)

VT 009 598

Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods: Broadway, Hillside, Methodist.

Indiana Employment Security Div., Indianapolis. Research and Statistics Section.  
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan69 41p.; Results of a household survey conducted during summer 1968.

DESCRIPTORS - \*LABOR FORCE; \*OCCUPATIONAL SURVEYS; \*UNEMPLOYMENT; \*DEPRESSED AREAS (GEOGRAPHIC); LOW INCOME COUNTIES; \*METROPOLITAN AREAS; TABLES (DATA); CULTURALLY DISADVANTAGED; DROPOUTS; NEGROES; CAUCASIANS; MALES; FEMALES; YOUTH

ABSTRACT - To provide accurate information about the number and characteristics of the unemployed in the disadvantaged areas of the Indianapolis Metropolitan Area, the Mayor's Task Force and the local Employment Security Office conducted a household survey for Broadway, Hillside, and Methodist Counties in the Summer of 1968. The three neighborhoods had much higher unemployment rates than the eight-county Indianapolis Standard Metropolitan Statistical Area and most of the unemployed were Negroes. The unemployment rate for women was twice that for men and the highest jobless rate was found among youth. Over one-half of the unemployed were high school dropouts. Seven tables and a description of methodology and survey procedures are appended. (BC)

VT 009 601

Manpower Horizons '75.

Nevada State Employment Security Dept., Carson City. Manpower Information and Research Section.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul68 34p.

DESCRIPTORS - \*MANPOWER NEEDS; \*EMPLOYMENT PROJECTIONS; \*INDUSTRIAL STRUCTURE; \*OCCUPATIONS; \*LABOR FORCE; WORKING WOMEN; GEOGRAPHIC DISTRIBUTION; POPULATION GROWTH; EMPLOYMENT TRENDS  
IDENTIFIERS - \*NEVADA

ABSTRACT - Manpower data, presented by graphs and charts, examines projections of employment to 1975 by industry and by occupation with additional breakdowns showing geographic variances and female employment. These estimates are based primarily on data collected from non-agricultural establishments. Employment by occupational categories and female employment sample data were stratified by industrial activity, geographic location, and size of firm. The 1967 "Standard Industrial Classification Manual" was used to classify firms by industry, while the third edition of the "Dictionary of Occupational Titles" was used as the standard for classifying occupations. A highlight of the findings is that by 1975 employment in Nevada is expected to increase by 27 percent as compared to an estimated national gain of 15 percent. (CH)

VT 009 633

Klepp, Erik  
Technological Changes in Sawmill Occupations.



Washington State Employment Security Dept., Olympia.

MF AVAILABLE IN VT-ERIC SET.

Washington State Employment Service, P.O. Box 367, Olympia, Washington 98501 (no charge).

PUB DATE - Jul68 48p.

DESCRIPTORS - \*LUMBER INDUSTRY; \*FORESTRY OCCUPATIONS; \*OCCUPATIONAL INFORMATION; VOCATIONAL EDUCATION; \*TECHNOLOGICAL ADVANCEMENT; PHOTOGRAPHS

ABSTRACT - The machinery, equipment and processes used today are described for such typical sawmill and planing mill operations as log handling, sawmill (including the headsaw, edger, trimsaw and resaw), greenchain, dry kiln, planer mill, waste recovery, shipping methods, and specialty products. Photographic illustrations accompany descriptions of these operations. Appended are schematic illustrations, flow chart, list of job titles, and job descriptions for 28 sawmill occupations. (GR)

VT 009 804

Manpower Outlook '80: Arizona Agriculture. Research and Information Series No. MNP-1-68.

Arizona State Employment Security Commission, Phoenix. State Employment Service.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Nov68 45p.

DESCRIPTORS - \*AGRICULTURE; \*MANPOWER NEEDS; \*MANPOWER UTILIZATION; \*ECONOMIC FACTORS; ECONOMIC CHANGE; \*STATE SURVEYS; EMPLOYMENT PROJECTIONS; POPULATION TRENDS; AGRICULTURAL OCCUPATIONS; MIGRANT WORKERS; AUTOMATION  
IDENTIFIERS - ARIZONA

ABSTRACT - Agricultural manpower needs for Arizona in the 1980's were derived by relating agricultural data to past and present manpower uses. While agriculture has been a principal sector in Arizona's economic base, changes in the economic structure have occurred as a result of increased output from manufacturing, mining, and tourism. Rising costs, urban expansion, and a trend toward larger producing units have served to decrease the number of farms during a period in which total agricultural income has been steadily rising. The regular hired agricultural work force has increased relative to the total agricultural work force; however, the number of seasonal workers has sharply declined because of the mechanization of the production process. Mechanization will also influence the number and type of regular hired workers in the future. Production agriculture will require a more highly skilled individual, capable of successfully accomplishing varied agricultural tasks. Data depicting the principal trends and projections are presented in tabular form. (CH)

VT 009 885

Spiegel, Jeanne

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PUB DATE - 68 28p.

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ABSTRACT - In keeping with the purposes of the foundation--to conduct and support research on the economic, social, and psychological challenges confronting women; to further the development of the capabilities of women; to provide scholarships; and to prepare, publish, and make available to the public material on women--this annotated bibliography is intended for the use of mothers working or contemplating work outside the home and for the use of researchers in the field. Seventy-eight entries published within the last 10 years are arranged under the classifications of: (1) books, reports, and pamphlets, (2) periodicals, and (3) microfilms and tape recordings. (JK)

VT 009 892

Occupational Profile; City of San Francisco.

California State Dept. of Employment, Sacramento. Human Relations Agency.

MF AVAILABLE IN VT-ERIC SET.

California State Department of Employment, 745 Franklin Street, San Francisco 94102.

PUB DATE - Jun69 79p.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*EMPLOYMENT OPPORTUNITIES; \*EDUCATIONAL OPPORTUNITIES; \*COMMUNITY SURVEYS; PROFESSIONAL OCCUPATIONS; TECHNICAL OCCUPATIONS; UNSKILLED OCCUPATIONS; CLERICAL OCCUPATIONS; SERVICE OCCUPATIONS; SALES OCCUPATIONS; BLUE COLLAR OCCUPATIONS; TRAINING; WAGES; LABOR TURNOVER; ENTRY WORKERS; DEMAND OCCUPATIONS; FRINGE BENEFITS  
IDENTIFIERS - \*SAN FRANCISCO

ABSTRACT - Information is presented for 70 occupations or occupational fields open to persons with a high school (or less) education. The profile includes entry-level and volume occupations where job openings are numerous either because of high turnover or the size of the occupation or both. The occupations, representing a majority of the city's skilled, semi-skilled, and unskilled jobs, over 50 percent of the clerical jobs and service occupations, and most of the volume jobs in retail trade are grouped under the following headings: Professional and Technical Occupations, Clerical Occupations, Sales Occupations, Service Occupations, and Blue-Collar Occupations. (CH)

VT 009 947

Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina. Home Economics Research Report No. 34.

Agricultural Research Service (DOA), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A1.87:34, \$.25).

PUB DATE - Nov67 43p.

DESCRIPTORS - \*WORKING WOMEN; \*HOME MANAGEMENT; OCCUPATIONAL SURVEYS; LABOR FORCE NONPARTICIPANTS; HOUSEWIVES; \*URBAN POPULATION; \*RURAL POPULATION; RURAL URBAN DIFFERENCES; INCOME; \*EXPENDITURES; MONEY MANAGEMENT; STATISTICAL DATA; OCCUPATIONS  
IDENTIFIERS - \*NORTH CAROLINA

ABSTRACT - This study is the third in a series to discover the expenses wives incur through gainful employment and how such employment affects their home management practices. Two groups, 351 urban families and 364 open country families, were surveyed with each group almost equally divided between families with employed wives and families with wives not employed. Some findings were: (1) Six out of 10 employed wives worked in operative or kindred occupations, mainly in textile mills, (2) Gross earnings of employed wives averaged \$2,600 and increased the average after-tax income of the city families with employed wives from \$3,930 to \$6,040 and of the open country families from \$3,450 to \$5,570, (3) Expenses directly related to the wife's job averaged \$800 for urban and \$900 for open country families, (4) Extra expenditures made by employed urban wives for homemaking services averaged \$384 for women with preschool children, \$145 for those with school-age children, and \$28 for those with all-adult households, while the corresponding expenditures of the employed open country wives were \$314, \$93, and \$49, (5) About five out of six employed wives pooled their earnings with their husband's, in whole or in part, (6) Those who handled their earnings separately indicated that much of this money went for current living or future needs, and (7) Families with employed wives tended to use installment credit more liberally. Forty tables provide extensive statistical data. (JK)

VT 010 115

Nevada Health Manpower Program, A Report on Resources and Needs. Part I.

Nevada State Dept. of Health, Welfare and Rehabilitation, Reno. Div. of Health. Public Health Service (DHEW), Washington, D.C. Div. of Nursing

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Aug68 72p.

DESCRIPTORS - \*STATE SURVEYS; \*MANPOWER NEEDS; \*QUESTIONNAIRES; \*HEALTH PERSONNEL; RECRUITMENT; RECORDS (FORMS); NURSES; REFRESHER COURSES; RETRAINING; TABLES (DATA)  
IDENTIFIERS - \*NEVADA

ABSTRACT - To increase the supply of health manpower in Nevada, this project was developed to examine manpower needs for health personnel by category and geographical area in Nevada, to locate inactive health personnel and encourage them to return to health services, and to promote the development of educational refresher and retraining programs for inactive health personnel. A questionnaire was developed to collect information about interest in refresher courses and about intentions to return to work and sent to nurses who had inactive status. Job descriptions of health service personnel are appended. The questionnaire for inactive nurses and comments from those questioned are also included. (BC)

VT 010 366

Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District. Report 255.

Arizona Agricultural Experiment Station, Tucson.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep69 43p.

DESCRIPTORS - \*AGRICULTURAL OCCUPATIONS; \*AGRICULTURAL SKILLS; OCCUPATIONAL CLUSTERS; \*EMPLOYMENT OPPORTUNITIES; \*EDUCATIONAL NEEDS; FARMERS; FARM MANAGEMENT; TABLES (DATA); \*OCCUPATIONAL INFORMATION  
IDENTIFIERS - ARIZONA

ABSTRACT - The purpose of this study was to analyze the occupational opportunities and agricultural training needed for farm employment in the Santa Cruz Valley Union High School District of Arizona. The population was limited to businesses and producers who because of name, products handled, or services provided were judged to employ workers requiring knowledge or skill in agriculture. A total of 66 farm businesses or producers employed 729 persons who were involved directly in agricultural occupations. Around 40 of these were employed in crop production only and the remainder were engaged in livestock and crops production, farm services, and agricultural processing. Average wages ranged from \$315 per month for tractor operators to \$486 per month for farm foremen. No specific education level was desired for tractor operators, irrigators, and farm hands. High school graduates were generally required for farm equipment mechanics, foremen, servicemen, and dinners. College degrees were required for the majority of the farm managers. (BC)

VT 010 367

Changing Patterns; A Report on the Federal Women's Program Review Seminar.

Civil Service Commission, Washington, D.C. Manpower Sources Div.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun69 35p.

DESCRIPTORS - \*SEMINARS; \*FEMALES; \*EQUAL OPPORTUNITIES (JOBS); \*FEDERAL PROGRAMS; \*MANPOWER UTILIZATION; SPEECHES; WORKSHOPS  
IDENTIFIERS - \*FEDERAL WOMENS PROGRAM

ABSTRACT - On April 11, 1969, 122 persons representing 49 federal government agencies attended a seminar in Washington, D.C. to discuss innovations in the Federal Women's Program and to propose action programs to provide for more complete utilization of the skills of women workers. Several speeches were made and panels discussed the role of a coordinator, breaking barriers for employment, underutilization, shortage skills, and agency cooperation at lower levels. Workshop reports on problems, opportunities, and priorities were also made. The suggestions and recommendations of the seminar were included in the report of the Chairman of the Civil Service Commission to the President. A conference agenda is appended. (BC)

VT 010 710

Newson, Robert T.

The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975. Research Study No. 10.

Louisiana State Univ., New Orleans, Div. of Business and Economic Research.

MF AVAILABLE IN VT-ERIC SET.

Division of Business and Economic Research, College of Business Administration, Louisiana State University, New Orleans, Louisiana 70122 (\$2.00).

PUB DATE - 69 50p.

DESCRIPTORS - \*ECONOMIC DEVELOPMENT; \*EMPLOYMENT PROJECTIONS; \*EMPLOYMENT PATTERNS; \*MANPOWER NEEDS; \*LABOR FORCE; LABOR ECONOMICS; MANPOWER UTILIZATION; URBAN AREAS; RURAL AREAS  
IDENTIFIERS - \*LOUISIANA

ABSTRACT - By examining changes in Louisiana's use of manpower, this report traces the State's evolution from its earlier agricultural base to one dependent on various service industries as well as petroleum and natural gas production. Beginning with Louisiana's pre-Civil War economy, the changing pattern of manpower utilization is outlined. Projections are made through 1975 based on the assumption that the relationship between state and national growth rates will not change significantly. The study found the urban areas to be increasing their share of national employment, while



that of most rural areas decreased. This was due to a heavy commitment to agriculture by rural areas, at a time when technological change was resulting in decreased agricultural employment. (BH)

VT 010 739

Unemployment Insurance Claimants, 1963-1964.

New York State Dept. of Labor, Albany. Research and Statistics Office.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jan69 45p.

DESCRIPTORS - \*UNEMPLOYMENT; \*UNEMPLOYMENT INSURANCE; \*UNEMPLOYED; \*EVALUATION; TABLES (DATA); WORK EXPERIENCE  
IDENTIFIERS - NEW YORK

ABSTRACT - Thirty-one tables are included in this report which provides information on the personal characteristics and work and benefit experience of residents of the State of New York for the period 1963-64. Although total employment increased from 1962 to 1963, registered unemployment averaged 304,300 in 1963, 21,000 more than in 1962. Beneficiaries of unemployment insurance included relatively more women and more production and manual workers than the working population. The median age of unemployed workers receiving benefits was the same as the working population. About 87 percent of the beneficiaries lost their last job because of lack of work, and more than a third of the beneficiaries received the maximum benefit, \$50 a week. The total number of beneficiaries and the average duration of benefits declined slightly in the 1964 benefit year with the beneficiaries receiving an average of 13.8 weeks of benefits in 1964 as compared with 14.1 weeks in the 1963 benefit year. (BC)

VT 010 917

ED 042 890

JOHNSON, RONALD W.

A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.

NEW BRUNSWICK DEPT. OF LABOUR, FREDERICTON.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - MAR 68 78p.

DESCRIPTORS - \*APPRENTICESHIPS; DROPOUT CHARACTERISTICS; \*DROPOUT PROBLEMS; \*DROPOUT RESEARCH; TRADE AND INDUSTRIAL EDUCATION  
IDENTIFIERS - \*NEW BRUNSWICK DEPARTMENT OF LABOUR

ABSTRACT - IN THIS FOLLOW-UP STUDY, WHICH WAS DESIGNED TO EXPAND THE KNOWLEDGE OF THE CAUSATIVE FACTORS IN APPRENTICESHIP DROP-OUT AND TEST THE VALIDITY OF THE FINDINGS OF THE PREVIOUS STUDY, A RANDOM SAMPLE OF 20 CANCELLED APPRENTICES WHO HAD DROPPED FROM THE APPRENTICESHIP PROGRAM SINCE JANUARY 1966, WAS MATCHED WITH 20 APPRENTICES WHO HAD COMPLETED THE APPRENTICESHIP PROGRAM SINCE JANUARY 1966. THE APPRENTICES WERE MATCHED ON THE FOLLOWING CRITERIA: (1) SIMILARITY OF TRADE, (2) AGE AT TIME OF INDENTURESHIP, (3) MARITAL STATUS AT TIME OF INDENTURESHIP, AND (4) EDUCATIONAL LEVEL AT TIME OF INDENTURESHIP. CONCLUSIONS DRAWN INDICATE: (1) FEW APPRENTICES FAIL THEIR COURSES; THE VAST MAJORITY OF THOSE NOT COMPLETING THEIR PROGRAM SIMPLY DROP OUT, (2) DISSATISFACTION WITH THE EMPLOYER OR LACK OF CONFIDENCE IN THE VALUE OF CERTIFICATION CAUSED DROP-OUT, AND (3) LACK OF MATURITY, ALTHOUGH NOT CONFIRMED BY THIS STUDY, MAY BE A CAUSATIVE DROP-OUT FACTOR. THE PREVIOUS STUDY IS AVAILABLE AS ED 012 427 (RIE JANUARY 1968). (GR)

VT 010 996

International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes (Fifty-Third Session, Geneva, 1969). Eighth Agenda Item. Report VIII(2).

International Labour Office, Geneva (Switzerland).  
MF AVAILABLE IN VT-ERIC SET.  
International Labour Office, Geneva, Switzerland (\$2.00).  
PUB DATE - 69 175p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*INTERNATIONAL ORGANIZATIONS; \*YOUTH EMPLOYMENT; \*DEVELOPMENTAL PROGRAMS; \*TRAINING; INTERNATIONAL PROGRAMS; EMPLOYMENT PROBLEMS; EMPLOYMENT PROGRAMS

ABSTRACT - Utilizing data obtained from responses of a preliminary report and a questionnaire completed by members of the International Labour Organisation, this report deals with the views of each country and contains a commentary on an international instrument concerning special youth employment and training schemes for



development purposes. Also, proposed conclusions are presented. If the conference considers it appropriate to adopt an international instrument, a draft instrument will be prepared and submitted to the governments for consideration. Final decision on the matter will be made by the Conference at a future session. (GR)

VT 011 026

Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey. A Cooperative Study of Employment Needs.

Area Board of Vocational, Technical, and Adult Education District No. 18, New Richmond, Wis.

Wisconsin State Dept. of Industry, Labor, and Human Relations, Eau Claire. Employment Service.

MF AVAILABLE IN VT-ERIC SET.

Program Development and Research, Wisconsin State Employment Service, P.O. Box 1607, Madison, Wisconsin 53701.

PUB DATE - Nov69 75p.

DESCRIPTORS - \*OCCUPATIONAL SURVEYS; \*MANPOWER NEEDS; \*EMPLOYERS; EMPLOYMENT QUALIFICATIONS; EMPLOYMENT OPPORTUNITIES; PROMOTION (OCCUPATIONAL); QUESTIONNAIRES IDENTIFIERS - WISCONSIN

ABSTRACT - Wisconsin's District 18 includes four counties in the western part of the State. This joint effort of the district's vocational-technical school and the Wisconsin State Employment Service was designed to determine the occupational needs of area industries and to help fill these needs through effective apprenticeship, on-the-job training, and vocational school programs. Questionnaires mailed to employers in the area were returned by firms representing half of the total nonagricultural wage and salary employment in the district. Information received is listed according to educational and experience requirements for each occupation. The report also considers opportunities for advancement in each job. (BH)

VT 011 083

Ballinger, Raymond A.

Opportunities in Graphic Arts Careers.

Vocational Guidance Manuals, New York, N.Y.

DOCUMENT NOT AVAILABLE FROM EDRS.

Vocational Guidance Manuals, 235 East 45th Street, New York, New York 10017 (\$1.65).

PUB DATE - 68 129p.

DESCRIPTORS - \*GRAPHIC ARTS; \*CAREER OPPORTUNITIES; TRADE AND INDUSTRIAL EDUCATION; \*OCCUPATIONAL GUIDANCE; \*EDUCATIONAL OPPORTUNITIES

ABSTRACT - Developed for career planning, this manual describes opportunities available in graphic arts careers. Topics include: (1) A Panoramic View of the Graphic Arts, (2) Educational Preparation for the Graphic Arts, (3) Getting Started, (4) Employment Opportunities in the Graphic Arts, (5) The Graphic Artist in Industry and Government, (6) A Look into the Future of Graphic Arts, and (7) Professional Organizations in the Graphic Arts. A recommended reading list and a list of accredited graphic arts schools and colleges in the United States are given. This is one of several career books in the Vocational Guidance Manuals Series; a catalog of titles is available from the source of availability given above. (GR)

VT 011 104

Lenard, Charles A.

Lewiston-Clarkston Area Manpower Survey.

Washington State Univ., Pullman. Bureau of Economic and Business Research.

Clearwater Economic Development Association

MF AVAILABLE IN VT-ERIC SET.

Bureau of Economic and Business Research, Washington State University, Pullman, Washington 99163.

PUB DATE - 69 37p.

DESCRIPTORS - \*LABOR FORCE; \*STATISTICAL SURVEYS; \*EMPLOYMENT QUALIFICATIONS; \*JOB DEVELOPMENT; QUESTIONNAIRES; \*MANPOWER UTILIZATION; SAMPLING; LABOR SUPPLY; MANPOWER NEEDS

ABSTRACT - In order to improve job opportunities within an area, knowledge of the labor force must be made available to present and potential employers. This report on a labor market survey provides the necessary information on manpower availability in the

Lewiston-Clarkston area of Washington and Idaho. From information received in questionnaires distributed to all working age members of a random sample of four percent of the area households, the researchers made inferences about the entire work force. (RH)

VT 011 146

The Feasibility of Oregon Community Colleges and Secondary Schools offering Civil Aviation Occupational Education.

Oregon State System of Higher Education, Corvallis. Div. of Continuing Education.  
Oregon State Board of Aeronautics, Salem.

Oregon State Dept. of Education, Salem. Div. of Community Colleges and Vocational Education

MF AVAILABLE IN VT-ERIC SET.

Division of Community Colleges and Vocational Education, State Department of Education,  
305 Public Service Building, Salem, Oregon 97310.

PUB DATE - 67 151p.

DESCRIPTORS - \*TECHNICAL EDUCATION; \*AVIATION TECHNOLOGY; \*AEROSPACE TECHNOLOGY; \*DEMAND OCCUPATIONS; CAREER OPPORTUNITIES; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS; ELEMENTARY GRADES; SECONDARY GRADES; POST SECONDARY EDUCATION; COMMUNITY COLLEGES; \*EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; VOCATIONAL EDUCATION

ABSTRACT - To isolate key occupations where the actual and anticipated employment appeared to be greatest, and to determine the number of student enrollments needed to fill these jobs and the vocational programs needed to accomodate this enrollment, a study was made of the literature and related research in all phases of civil aviation. It was found that employment opportunities do exist in all pilot and mechanic classifications. The increased use of aircraft in business and corporate activities combined with the aerial application of seeds, fertilizers, and other materials have created a new demand on the industry. The major problem in employment practices for aviation personnel, especially pilots and mechanics, evolves around an apparent gap between training and suitable employment. The employer wants the more experienced applicant, but the "just-out-of-school" applicant lacks the desirable years of experience. The study revealed that aviation activities in the Northwest are greater than the national population ratio to this region. It was suggested that basic elements of aeronautics be offered in the first eight grades, with more specific occupation instruction in high schools and community colleges. (AUTHOR/SB)

VT 011 198

Seasonal Unemployment in the Construction Industry. Report and Recommendations of the Secretary of Labor and the Secretary of Commerce to the President and to the Congress.

Department of Labor, Washington, D.C. Office of the Secretary.

Department of Commerce, Washington, D.C. Office of the Secretary.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec69 88p.

DESCRIPTORS - \*CONSTRUCTION INDUSTRY; \*SEASONAL EMPLOYMENT; \*MANPOWER UTILIZATION; FEDERAL AID; TECHNICAL ASSISTANCE

ABSTRACT - In summarizing the findings of a study conducted under the 1968 extension of the Manpower Development and Training Act, this report describes the problem of seasonality in the construction industry, and the resulting underutilization of manpower, and provides recommendations for more effective utilization of this manpower. The study found that there is sufficient technology available to make construction less seasonal, but institutional barriers prevent this country from following other countries' lead in making construction a year-round operation. Restrictive building codes, fear of change, and higher costs prevent off-season construction. The report recommends government action to drop the barriers, promote cooperative efforts at change, and use financial incentives to compensate for externalities in costs and benefits. (BH)

VT 011 199

Liu, Ben-chieh

Employment Multipliers and Employment Projections: An Economic Base Study for the St. Louis Region.

Saint Louis Regional Industrial Development Corp., Mo.

Department of Housing and Urban Development, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 63p.; Paper presented at the Annual Meeting of Missouri Academy of

Lewiston-Clarkston area of Washington and Idaho. From information received in questionnaires distributed to all working age members of a random sample of four percent of the area households, the researchers made inferences about the entire work force. (RH)

VT 011 146

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Oregon State System of Higher Education, Corvallis. Div. of Continuing Education.  
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MF AVAILABLE IN VT-ERIC SET.

Division of Community Colleges and Vocational Education, State Department of Education,  
305 Public Service Building, Salem, Oregon 97310.

PUB DATE - 67 151p.

DESCRIPTORS - \*TECHNICAL EDUCATION; \*AVIATION TECHNOLOGY; \*AEROSPACE TECHNOLOGY; \*DEMAND OCCUPATIONS; CAREER OPPORTUNITIES; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS; ELEMENTARY GRADES; SECONDARY GRADES; POST SECONDARY EDUCATION; COMMUNITY COLLEGES; \*EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; VOCATIONAL EDUCATION

ABSTRACT - To isolate key occupations where the actual and anticipated employment appeared to be greatest, and to determine the number of student enrollments needed to fill these jobs and the vocational programs needed to accommodate this enrollment, a study was made of the literature and related research in all phases of civil aviation. It was found that employment opportunities do exist in all pilot and mechanic classifications. The increased use of aircraft in business and corporate activities combined with the aerial application of seeds, fertilizers, and other materials have created a new demand on the industry. The major problem in employment practices for aviation personnel, especially pilots and mechanics, evolves around an apparent gap between training and suitable employment. The employer wants the more experienced applicant, but the "just-out-of-school" applicant lacks the desirable years of experience. The study revealed that aviation activities in the Northwest are greater than the national population ratio to this region. It was suggested that basic elements of aeronautics be offered in the first eight grades, with more specific occupation instruction in high schools and community colleges. (AUTHOR/SB)

VT 011 198

Seasonal Unemployment in the Construction Industry. Report and Recommendations of the Secretary of Labor and the Secretary of Commerce to the President and to the Congress.

Department of Labor, Washington, D.C. Office of the Secretary.

Department of Commerce, Washington, D.C. Office of the Secretary.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec69 88p.

DESCRIPTORS - \*CONSTRUCTION INDUSTRY; \*SEASONAL EMPLOYMENT; \*MANPOWER UTILIZATION; FEDERAL AID; TECHNICAL ASSISTANCE

ABSTRACT - In summarizing the findings of a study conducted under the 1968 extension of the Manpower Development and Training Act, this report describes the problem of seasonality in the construction industry, and the resulting underutilization of manpower, and provides recommendations for more effective utilization of this manpower. The study found that there is sufficient technology available to make construction less seasonal, but institutional barriers prevent this country from following other countries' lead in making construction a year-round operation. Restrictive building codes, fear of change, and higher costs prevent off-season construction. The report recommends government action to drop the barriers, promote cooperative efforts at change, and use financial incentives to compensate for externalities in costs and benefits. (BH)

VT 011 199

Liu, Ben-chieh

Employment Multipliers and Employment Projections: An Economic Base Study for the St. Louis Region.

Saint Louis Regional Industrial Development Corp., Mo.

Department of Housing and Urban Development, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 63p.; Paper presented at the Annual Meeting of Missouri Academy of



Sciences (St. Louis Univ., Mo., May 5, 1969).

DESCRIPTORS - \*LABOR ECONOMICS; \*MATHEMATICAL MODELS; \*EMPLOYMENT PROJECTIONS; MANPOWER NEEDS; EMPLOYMENT OPPORTUNITIES  
IDENTIFIERS - ST. LOUIS

ABSTRACT - This study investigated the applicability of employment multipliers to labor market projections. A model was developed for the St. Louis area to estimate the region's employment multiplier using regression analysis based on an observation of the relationship between basic employment and total employment between 1959 and 1967. Using this model and other national projections, the study projected area employment by industrial sector through 1980. Data obtained through such a model would be valuable to both government planners and industrial management considering expansion. (BH)

VT 011 310

Watson, Cicely; Butorac, Joseph

A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.

Ontario Inst. for Studies in Education, Toronto (Canada). Dept. of Educational Planning.

DOCUMENT NOT AVAILABLE FROM EDRS.

The Ontario Institute for Studies in Education, 102 Bloor Street West, Toronto 5, Ontario, Canada.

PUB DATE - 68 39p.

DESCRIPTORS - \*EMPLOYMENT PROJECTIONS; \*EMPLOYMENT STATISTICS; LABOR SUPPLY; \*SKILLED LABOR; \*PROFESSIONAL PERSONNEL; ECONOMIC FACTORS; MANPOWER NEEDS  
IDENTIFIERS - \*ONTARIO

ABSTRACT - This document is a summary of "Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks," which is available as VT 011 311 (also in this issue). (BH)

VT 011 311

Watson, Cicely; Butorac, Joseph

Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.

Ontario Inst. for Studies in Education, Toronto (Canada). Dept. of Educational Planning.

DOCUMENT NOT AVAILABLE FROM EDRS.

The Ontario Institute for Studies in Education, 102 Bloor Street West, Toronto 5, Ontario, Canada.

PUB DATE - 68 377p.

DESCRIPTORS - \*EMPLOYMENT PROJECTIONS; EMPLOYMENT STATISTICS; \*LABOR SUPPLY; SKILLED LABOR; PROFESSIONAL PERSONNEL; \*ECONOMIC FACTORS; \*MANPOWER NEEDS  
IDENTIFIERS - \*ONTARIO

ABSTRACT - In a study begun in 1966, the Ontario Institute for Studies in Education has calculated demand for skilled and professional personnel in Ontario through 1986, in an attempt to provide educational planners with information about labor market imbalances. This first volume of their report assesses the economic growth factors, including population growth, labor force, employment, productivity, and capital investment, which are determinants of manpower needs. Calculations and estimates of the supply of skilled and professional personnel are included by occupation for the period 1961-1986. A summary of this report is available as VT 011 310 (also in this issue). (BH)

VT 011 345

Technical Manpower, 1966-80. Bulletin 1639.

Bureau of Labor Statistics (DOL), Washington, D.C.

NOT AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.3:1639, \$.35).

PUB DATE - Mar70 29p.

DESCRIPTORS - \*MANPOWER NEEDS; \*SUBPROFESSIONALS; \*TECHNICAL OCCUPATIONS; \*MANPOWER UTILIZATION; RESEARCH NEEDS; LABOR DEMANDS; LABOR SUPPLY; TECHNICAL EDUCATION; \*EMPLOYMENT PROJECTIONS



**ABSTRACT** - Intended for vocational counselors, education planners, manpower personnel, and industry officials, this report presents information on manpower projections of technicians to 1980. Superseding the 1975 projections of an earlier study of the Bureau of Labor Statistics, the report provides new insights into the factors affecting the supply and demand for technicians by incorporating new data and using assumptions concerning technological change, the level of national unemployment, and the world's political situation. In addition, the report identifies problems in technician manpower and indicates areas for future study and research. The projections indicate general order of magnitude and direction and not estimates of exact numbers, due to data gaps and weaknesses outlined in the study. (GB)

VT 011 368

Arkansas' Manpower Needs. A Study Projecting the State's Labor Needs for 1970 and 1975.

Arkansas Dept. of Labor, Little Rock. Employment Security Div.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Feb70 44p.

**DESCRIPTORS** - \*OCCUPATIONAL SURVEYS; \*EMPLOYMENT PROJECTIONS; \*EMPLOYMENT TRENDS; \*MANPOWER NEEDS; \*EMPLOYMENT STATISTICS; EMPLOYMENT OPPORTUNITIES; LABOR SUPPLY  
**IDENTIFIERS** - \*ARKANSAS

**ABSTRACT** - Using as a guide the national manpower requirements projected by the Bureau of Labor Statistics, labor force needs are projected for Arkansas through 1975. Assuming that full employment, international stability, and steady economic growth will continue, regression analysis is used to make employment projections for about 160 occupational categories. The data is first converted to overall employment projections by using matrices, and then adjusted to agree with census data on occupational distribution in the State. (RH)

VT 011 442

New Hampshire Occupations in 1975.

New Hampshire State Dept. of Employment Security, Concord.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Dec69 125p.

**DESCRIPTORS** - \*MANPOWER NEEDS; \*EMPLOYMENT OPPORTUNITIES; LABOR MARKET; LABOR CONDITIONS; \*EMPLOYMENT PROJECTIONS; \*DEMAND OCCUPATIONS; BLUE COLLAR OCCUPATIONS; OCCUPATIONAL INFORMATION; WHITE COLLAR OCCUPATIONS; \*OCCUPATIONAL SURVEYS; SERVICE OCCUPATIONS  
**IDENTIFIERS** - NEW HAMPSHIRE

**ABSTRACT** - Knowledge about available jobs and occupational needs of the present and future is necessary to enable proper planning of education and vocational training facilities. To show expected employment and the number of workers that will be needed by occupation in 1975, projections were made from a 10-year series of employment estimates prepared by the New Hampshire Department of Employment Security. The expansion of nonagricultural wage and salary employment between 1958 and 1968 was a net gain of about one-third. Employment of nonmanufacturing establishments has been increasing at a more rapid rate than manufacturing employment. Almost 27 percent of the net gain in employment occurred in the electrical products and rubber-plastics-chemicals manufacturing industries. White collar jobs and service occupations are expanding by about twice the increase of blue collar jobs. New Hampshire will require nearly 100,000 new workers during 1968 to 1975. Some occupations requiring the largest number of workers include sales workers, stenographers, typists, domestic service workers, and foremen, waiters and waitresses. (SB)

VT 011 443

Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report: Survey of Job Characteristics, Manpower Needs and Training Resources, July 1969.

Technical Education Research Center, Cambridge, Mass.  
Office of Education (DHEW), Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Aug69 60p.

**DESCRIPTORS** - \*HEALTH OCCUPATIONS; \*RADIOLOGIC TECHNOLOGISTS; \*MANPOWER NEEDS; OCCUPATIONAL INFORMATION; TASK ANALYSIS; \*CAREER OPPORTUNITIES; MANPOWER DEVELOPMENT; \*JOB DEVELOPMENT; TRAINING; EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS

ABSTRACT - "Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I, Interim Report Number 1," VT 011 444 (also in this issue) is summarized. (SB)

VT 011 444 ED 042 902

DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.

TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
EDRS PRICE MF-\$0.65 HC-\$9.87  
PUB DATE - AUG 69 290P.

DESCRIPTORS - \*CAREER OPPORTUNITIES; EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; \*HEALTH OCCUPATIONS; \*JOB DEVELOPMENT; MANPOWER DEVELOPMENT; \*MANPOWER NEEDS; OCCUPATIONAL INFORMATION; \*RADIOLOGIC TECHNOLOGISTS; TASK ANALYSIS; TRAINING

ABSTRACT - PHASE I OF A MULTIPHASE RESEARCH PROGRAM IN PROGRESS AT THE TECHNICAL EDUCATION RESEARCH CENTER, INC., WAS CONDUCTED TO ANALYZE NEEDS AND RESOURCES IN TERMS OF JOB PERFORMANCE TASKS, CAREER OPPORTUNITIES, AND TRAINING REQUIREMENTS FOR NUCLEAR MEDICAL TECHNICIANS. DATA WERE GATHERED THROUGH PERSONAL INTERVIEWS WITH 203 PERSONS, MOSTLY PHYSICIANS, AND FROM 151 QUESTIONNAIRE RESPONDENTS. MAJOR FINDINGS WERE: (1) NUCLEAR MEDICINE HAS GROWN RAPIDLY, BUT MORE MONEY, BETTER EQUIPMENT, AND IMPROVED INSTRUCTIONAL PROGRAMS FOR TECHNICIANS WOULD SPEED THE GROWTH, (2) DIAGNOSIS IS THE MAJOR CONCERN OF EVERY NUCLEAR MEDICINE DEPARTMENT SURVEYED, ALTHOUGH MOST ARE INVOLVED IN SOME RADIOTHERAPY WORK, (3) THE TECHNICIAN'S TASKS CENTER UPON SCANNING AND THE RELATED ACTIVITIES OF RADIOPHARMACEUTICAL PREPARATION AND ORAL ADMINISTRATION TO THE PATIENT, (4) STANDARDIZATION OF PREPARATORY PROGRAMS AND CERTIFICATION REQUIREMENTS IS NEEDED, AND (5) NEED WAS EXPRESSED FOR A STANDARD TEXTBOOK WRITTEN ESPECIALLY FOR THE TECHNICIAN AND FOR MORE CAREFUL INSTRUCTION IN CLINICAL PROCEDURE, USE OF INSTRUMENTS, MATHEMATICS, AND RADIATION PHYSICS. (SB)

VT 011 460

Occupations and Trends in the Dairy Industry.

Manpower Administration (DOL), Washington, D.C. U.S. Training and Employment Service.  
MF AVAILABLE IN VT-ERIC SET.  
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(L34.2:D14, \$.75).  
PUB DATE - 70 185p.

DESCRIPTORS - \*DAIRYMEN; \*OCCUPATIONAL INFORMATION; \*EMPLOYMENT QUALIFICATIONS; \*OFF FARM AGRICULTURAL OCCUPATIONS; \*EMPLOYMENT TRENDS; TECHNOLOGICAL ADVANCEMENT; EDUCATIONAL PROGRAMS; JOB SKILLS; ACADEMIC ACHIEVEMENT; VOCATIONAL APTITUDE; EDUCATIONAL NEEDS; INTERESTS; EDUCATIONAL OPPORTUNITIES

ABSTRACT - The first part of this report describes present and future manpower trends and technological development in the production of milk, frozen desserts, butter, and cheese. Training opportunities and various distribution methods are discussed as well. The second part of the report includes descriptions of duties, qualifications, and working conditions for 66 occupations in the dairy industry. (BH)

VT 011 478

Occupations in the Film Processing and Finishing Industry.

New Jersey State Employment Service, Bloomfield. Occupational Research Center.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Aug69 118p.

DESCRIPTORS - \*MANPOWER UTILIZATION; \*EMPLOYMENT OPPORTUNITIES; \*OCCUPATIONAL INFORMATION; \*FILMS; \*TRADE AND INDUSTRIAL EDUCATION; EDUCATIONAL DISADVANTAGEMENT; PHOTOGRAPHY; DEMAND OCCUPATIONS; CAREER OPPORTUNITIES; APTITUDE; VOCATIONAL INTERESTS; VOCATIONAL ADJUSTMENT; EDUCATIONAL BACKGROUND; WORK EXPERIENCE

ABSTRACT - Intended for those concerned with recruitment, training, counseling, and other aspects of manpower utilization, this document describes demand occupations in the film processing and finishing industry which are suitable for those lacking education and job skills. An introductory section discusses the background and nature of the industry, describes basic processing functions, and contains a flow chart illustrating the steps in film processing and in photofinishing. The 27 job

descriptions are arranged alphabetically by title followed by a Dictionary of Occupational Titles code number and in some cases an alternate title. Each description contains: (1) an occupational definition, (2) education, training, and experience requirements, (3) worker traits including aptitudes, interests, and temperaments, and (4) physical demands and working conditions. Following the job descriptions are definitions of worker traits, a glossary of technical items, a bibliography, and an index of occupational titles. (SB)

VT 011 544

Rasmussen, Sandra, And Others  
Stepping Stones in Nursing Education.

National League for Nursing, New York, N.Y. Council of Practical Nursing Programs  
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 38p.; Papers presented at meeting of the National League for Nursing, Council of Practical Nursing Programs (Miami Beach, Fla., May 1-3, 1970).

DESCRIPTORS - \*EDUCATIONAL PROGRAMS; SPEECHES; CURRICULUM EVALUATION; CURRICULUM DEVELOPMENT; MANPOWER UTILIZATION; CAREER OPPORTUNITIES; \*VOCATIONAL DEVELOPMENT; \*OCCUPATIONAL MOBILITY; \*PRACTICAL NURSING; SUBPROFESSIONALS; TEACHING PROGRAMS; \*HEALTH OCCUPATIONS EDUCATION

ABSTRACT - Practical nurses must continue their education to keep up with medical advances and to advance in their career. This will require development and evaluation of curriculums as well as effective use of manpower resources and the support of the nursing profession. Approaches to career development include equivalency testing using supplementary programs, and providing opportunity for advancement at each subprofessional level. These ideas were developed in papers presented at the meeting of the National League for Nursing, Council of Practical Nursing Programs. (JS)

VT 011 576

Apprenticeship in Arizona.

Apprenticeship Information Center, Phoenix, Ariz.  
Arizona State Employment Security Commission, Phoenix. State Employment Service  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jul69 65p.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*TRADE AND INDUSTRIAL EDUCATION; \*EMPLOYMENT QUALIFICATIONS; \*SKILLED WORKERS; \*APPRENTICESHIPS; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; JOB APPLICANTS; JOB SKILLS; OCCUPATIONS IDENTIFIERS - ARIZONA

ABSTRACT - The Arizona Apprenticeship Council advises, guides, and monitors the State's apprenticeship program. Under the auspices of the Council, the Joint Apprenticeship Committee determines the requirements which an applicant must meet before he is eligible for an apprenticeship program. This report lists these requirements in occupational briefs for 54 occupations. Each brief also describes working conditions, nature of work, tools used, term of apprenticeship, and employment outlook. (BH)

VT 011 599

Ball, Warren G.  
The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.

Association of Military Surgeons, Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 5p.; Presented at the Annual Meeting of the Association of Military Surgeons (Washington, D.C., Nov. 17, 1969).

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*HEALTH OCCUPATIONS; \*MILITARY PERSONNEL; JOB SKILLS; OCCUPATIONAL INFORMATION; \*MANPOWER NEEDS; CONFERENCES

ABSTRACT - Of an estimated 30 thousand military medical corpsmen discharged last year, less than two percent were known to enter civilian health employment. The American Medical Association (AMA) is trying to devise means of attracting military personnel to the civilian health field, but have met with several problems: (1) difficulty identifying and contacting military corpsmen at time of discharge, (2) low salary levels in health-related occupations, and (3) lack of educational equivalency offered for military health experience. Several educational programs have been developed, mainly in a college setting, which are designed to build upon these skills and qualifications gained through military service. (DM)



VT 011 647

Manpower Directions in New York State 1965-1975; Job Requirements and Labor Force. Technical Supplement. Special Bulletin 241.

New York State Dept. of Labor, Albany. Div. of Research and Statistics.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec68 128p.

DESCRIPTORS - \*EMPLOYMENT PROJECTIONS; \*STATISTICAL ANALYSIS; \*MEASUREMENT TECHNIQUES; \*LABOR FORCE; LABOR SUPPLY; EMPLOYMENT STATISTICS

ABSTRACT - Volumes I and II of this report project employment by occupations and industry for New York through 1975, including breakdowns for 11 major industrial areas. This supplement describes the techniques used in making these projections. Estimates were made for 1960 and 1965, and projections were made for 1970 and 1975, both using the following basic procedure: (1) The number in the civilian labor force was established, (2) Nonfarm wage and salary jobs were calculated, (3) Several elements were added to nonfarm jobs to derive total jobs by industry, (4) The conceptual differences between number 1 and number 3 were reconciled, (5) An industry-occupation matrix was used to calculate total jobs by occupation, and (6) Job requirements were estimated by occupation by summing replacement and expansion needs. (BH)

VT 011 672

City Employment in 1969.

Bureau of the Census (DOC), Suitland, Md.

MF AVAILABLE IN VT-ERIC SET.

GE69 No. 2

Bureau of Census, Suitland, Maryland (\$.25).

PUB DATE - Apr70 16p.

DESCRIPTORS - \*SURVEYS; \*MUNICIPALITIES; QUESTIONNAIRES; \*EMPLOYMENT STATISTICS; \*GOVERNMENT EMPLOYEES; STATISTICAL ANALYSIS; EMPLOYMENT TRENDS; \*MANPOWER UTILIZATION

ABSTRACT - Municipal governments in the United States made salary and wage payments for October, 1969 amounting to \$1.2 billion. This sum represented payrolls for 2,165,000 full-time and part-time employees rendering services in such functional areas as education, police protection, sanitation, and highways. Data for this report and a companion report, Public Employment in 1969, are based on information solicited by questionnaire from a sample of 3,350 municipal governments. This report concentrates on the 310 cities of 50,000 or more population because these cities account for 75 percent of all municipal government payrolls. Included in the report is information on the functional distribution of city employment. (JS)

VT 011 673

The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals; Roles and Job Satisfaction.

State Univ. of New York, Ithaca. Coll. of Agriculture at Cornell.

New York State Education Dept., Albany. Bureau of Occupational Education Research

MF AVAILABLE IN VT-ERIC SET.

The Publications Distribution Unit, State Education Department, Albany, New York 12224 (single copies available).

PUB DATE - Nov69 39p.

DESCRIPTORS - \*PARAPROFESSIONAL SCHOOL PERSONNEL; \*ADMINISTRATOR ATTITUDES; QUESTIONNAIRES; \*MANPOWER UTILIZATION; \*PUBLIC SCHOOL SYSTEMS; \*INDIVIDUAL CHARACTERISTICS

ABSTRACT - This report summarizes the responses of 667 New York State school districts to a questionnaire concerning the use of paraprofessionals during the 1968-69 school year. Questionnaires completed by 94 percent of the school districts contacted provided information about: (1) the use of paraprofessionals, (2) the types of services, (3) qualifications, (4) age, (5) training, (6) work hours, (7) financial support, and (8) general acceptance of paraprofessionals. With 95 percent of the responding districts reporting some use of paraprofessionals, there was no shortage of data to provide background information. One-third of these paraprofessionals were found to be volunteers. Phase Two of this study is available as VT 011 674 (also in this issue). (BH)



UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 697

Hiring Standards and Job Performance. Manpower Research Monograph No. 18.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(L1.39/3:18, \$.50).

PUB DATE - 70 35p.

DESCRIPTORS - \*SEMISKILLED OCCUPATIONS; \*EMPLOYMENT QUALIFICATIONS; JOB SKILLS;  
\*MANPOWER UTILIZATION; \*EDUCATIONALLY DISADVANTAGED; \*GUIDELINES; EMPLOYMENT  
OPPORTUNITIES; MINORITY GROUPS; LABOR MARKET

ABSTRACT - During the high employment period of the 1960's, unemployment persisted among the undereducated despite manpower shortages in many semiskilled or entry level occupations. This study investigated the degree to which employer hiring standards affect this labor market imbalance. By examining 10 white collar, blue collar and service occupations representing 14 industry groups, the study found a trend toward increased hiring standards for less skilled jobs, often to a level above that necessary to perform the job. In an attempt to remedy variations and inconsistency in hiring standards, the report provides guidelines for hiring standards in each occupation. Consistent standards, based on objective performance criteria, will do much to eliminate labor market imbalance. Copies of the full contract research report on which this report is based are available from the Clearinghouse for Federal, Scientific and Technical Information, Springfield, Virginia 22151 (PB 191 278, \$.65 microfiche, \$3.00 paper copy). (BH)

VT 011 719

Grieser, Mary Ann

Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620

NCUVT Series No. 8

PUB DATE - Jul70 19p.

DESCRIPTORS - \*OCCUPATIONAL HOME ECONOMICS; TRADE AND INDUSTRIAL EDUCATION; \*FOOD  
SERVICE WORKERS; FOOD SERVICE INDUSTRY; \*JOB SKILLS; \*TASK PERFORMANCE; ON THE JOB  
TRAINING; EMPLOYEE ATTITUDES; EMPLOYER ATTITUDES; VOCATIONAL COUNSELING; \*OCCUPATIONAL  
INFORMATION  
IDENTIFIERS - NEBRASKA

ABSTRACT - Data were gathered through questionnaires and personal interviews with the employee and with the employer or manager of selected Nebraska commercial and institutional food serving establishments in order to identify major tasks performed by food service workers. The questionnaires sought information on job titles, employer and manager attitudes, tasks needed for the job, and institutions in which the skills and knowledge should be learned. Both groups interviewed agreed that partial training may be accomplished in occupational education programs, but on-the-job training is essential to the development of desired competencies. A majority of employers expressed a preference for employees with prior training. The positive response of both employees and employers indicates a need for training programs in these occupations. (AUTHOR/SB)

VT 011 720

Mattson, Homer A.

Skills and Knowledge Needed by Personnel in Architectural Drafting.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620

NCUVT Series No. 9

PUB DATE - May70 25p.

DESCRIPTORS - \*JOB SKILLS; DATA COLLECTION; \*CURRICULUM DEVELOPMENT; \*TECHNICAL  
EDUCATION; TECHNICAL OCCUPATIONS; \*DRAFTSMEN; EMPLOYMENT LEVEL; \*ENTRY WORKERS;  
EMPLOYMENT QUALIFICATIONS; SECONDARY SCHOOLS; EDUCATIONAL RESEARCH

ABSTRACT - To determine skills and knowledge needed at job entry level for architectural draftsmen, data were collected by personal interviews and by

VT 011 674

The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals; Roles and Job Satisfaction.

State Univ. of New York, Ithaca. Coll. of Agriculture at Cornell.  
New York State Education Dept., Albany. Bureau of Occupational Education Research.  
MF AVAILABLE IN VT-ERIC SET.  
The Publications Distribution Unit, State Education Department, Albany, New York 12224 (single copies available).  
PUB DATE - Feb70 43p.

DESCRIPTORS - \*FOOD SERVICE WORKERS; \*JOB SATISFACTION; \*INDIVIDUAL CHARACTERISTICS; \*ADMINISTRATOR ATTITUDES; \*PUBLIC SCHOOL SYSTEMS; TEACHER ATTITUDES; MANPOWER UTILIZATION; PARAPROFESSIONAL SCHOOL PERSONNEL; QUESTIONNAIRES; SOCIAL STATUS

ABSTRACT - Lunchroom aides are the most common paraprofessionals in New York public schools. Consequently, this type of paraprofessional was chosen for in-depth analysis in Phase Two of this continuing study. Schools chosen for this analysis were the 150 schools using at least three lunchroom aides found in a random sample of 45 school districts. Of the questionnaires requested from principals, lunchroom aides, and a random 25 percent sample of teachers, 90 percent were returned. Based upon these responses, the report describes characteristics of lunchroom aides, work environment, perception of lunchroom aides and their jobs, and employment policies and procedures. Phase I of this study is available as VT 011 673 (also in this issue). (BH)

VT 011 680

Injury Rates in the Construction Industry New York State, 1968.

New York State Dept. of Labor, Albany. Div. of Research and Statistics.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 68 19p.

DESCRIPTORS - \*INDUSTRIAL PERSONNEL; \*CONSTRUCTION INDUSTRY; \*INJURIES; \*ACCIDENTS; SURVEYS

ABSTRACT - This report presents the results of the sixth annual construction industry injury-rate survey, conducted by the New York State Department of Labor's Division of Research and Statistics in cooperation with the U.S. Bureau of Labor Statistics. Based on a sample of 7,302 contractors with four or more employees, the report represents about 57 percent of the total number of persons in construction establishments in New York State. The over-all injury frequency rate in construction in 1968 was 26.9 disabling injuries for each million employee-hours worked or 1.9 percent higher than the 1967 rate. The injury frequency rate tends to be higher in bigger firms. More than three-quarters of the individual contractors responding to the survey in 1968 reported no injuries. (GB)

VT 011 690 ED 042 911

ENVICK, ROBERT MERLYN

COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.

DOCUMENT NOT AVAILABLE FROM EDRS.  
UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 150p.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; EMPLOYER ATTITUDES; EMPLOYMENT QUALIFICATIONS; \*ENTRY WORKERS; HIGH SCHOOL GRADUATES; \*INDUSTRIAL EDUCATION; \*JOB SKILLS; \*PLASTICS; QUESTIONNAIRES; TECHNICAL EDUCATION

ABSTRACT - TO ESTABLISH CRITERIA FOR DEVELOPING PLASTICS EDUCATION PROGRAMS FOR INDUSTRIAL EDUCATION WHICH MEET THE NEEDS OF THE PLASTIC INDUSTRY, 163 (81 PERCENT) QUESTIONNAIRES WERE COMPLETED BY PROCESSORS AND CONVERTERS. TRADE JOURNALS, MAGAZINES, TEXTBOOKS, AND OTHER STUDIES IN PLASTICS EDUCATION PROVIDED FURTHER INFORMATION. CONCLUSIONS DRAWN FROM THE QUESTIONNAIRES WERE: (1) THE PLASTICS INDUSTRY FINDS THERE ARE FEW SKILLED EMPLOYEES AVAILABLE FOR HIRING, (2) THE INDUSTRY CONSIDERS PLASTICS EDUCATION IMPORTANT TO PERSONS SEEKING EMPLOYMENT, (3) PROCESSORS PLACED A SLIGHTLY HIGHER VALUE ON GENERAL EDUCATION COURSES THAN ON INDUSTRIAL EDUCATION COURSES, (4) THE IMPORTANCE OF A PLASTICS PROCESS SHOULD BE DETERMINED BY AN ANALYSIS OF THE RESPONSES PROVIDED BY THE PROCESSORS WHO ARE DIRECTLY CONCERNED WITH THAT ACTIVITY, (5) ALL PROCESSES MUST BE CONSIDERED FOR CURRICULUM CONTENT, AND (6) COMMUNICATION BETWEEN EDUCATION AND INDUSTRY MUST BE ESTABLISHED. THIS ED.D. THESIS WAS SUBMITTED TO THE

UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 697

Hiring Standards and Job Performance. Manpower Research Monograph No. 18.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(L1.39/3:18, \$.50).

PUB DATE - 70 35p.

DESCRIPTORS - \*SEMISKILLED OCCUPATIONS; \*EMPLOYMENT QUALIFICATIONS; JOB SKILLS;  
\*MANPOWER UTILIZATION; \*EDUCATIONALLY DISADVANTAGED; \*GUIDELINES; EMPLOYMENT  
OPPORTUNITIES; MINORITY GROUPS; LABOR MARKET

ABSTRACT - During the high employment period of the 1960's, unemployment persisted among the undereducated despite manpower shortages in many semiskilled or entry level occupations. This study investigated the degree to which employer hiring standards affect this labor market imbalance. By examining 10 white collar, blue collar and service occupations representing 14 industry groups, the study found a trend toward increased hiring standards for less skilled jobs, often to a level above that necessary to perform the job. In an attempt to remedy variations and inconsistency in hiring standards, the report provides guidelines for hiring standards in each occupation. Consistent standards, based on objective performance criteria, will do much to eliminate labor market imbalance. Copies of the full contract research report on which this report is based are available from the Clearinghouse for Federal, Scientific and Technical Information, Springfield, Virginia 22151 (PB 191 278, \$.65 microfiche, \$3.00 paper copy). (BH)

VT 011 719

Grieser, Mary Ann

Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620

NCUVT Series No. 8

PUB DATE - Jul70 19p.

DESCRIPTORS - \*OCCUPATIONAL HOME ECONOMICS; TRADE AND INDUSTRIAL EDUCATION; \*FOOD  
SERVICE WORKERS; FOOD SERVICE INDUSTRY; \*JOB SKILLS; \*TASK PERFORMANCE; ON THE JOB  
TRAINING; EMPLOYEE ATTITUDES; EMPLOYER ATTITUDES; VOCATIONAL COUNSELING; \*OCCUPATIONAL  
INFORMATION  
IDENTIFIERS - NEBRASKA

ABSTRACT - Data were gathered through questionnaires and personal interviews with the employee and with the employer or manager of selected Nebraska commercial and institutional food serving establishments in order to identify major tasks performed by food service workers. The questionnaires sought information on job titles, employer and manager attitudes, tasks needed for the job, and institutions in which the skills and knowledge should be learned. Both groups interviewed agreed that partial training may be accomplished in occupational education programs, but on-the-job training is essential to the development of desired competencies. A majority of employers expressed a preference for employees with prior training. The positive response of both employees and employers indicates a need for training programs in these occupations. (AUTHOR/SB)

VT 011 720

Mattson, Homer A.

Skills and Knowledge Needed by Personnel in Architectural Drafting.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.

Office of Education (DHEW), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET. OEG-3-7-063032-1620

NCUVT Series No. 9

PUB DATE - May70 25p.

DESCRIPTORS - \*JOB SKILLS; DATA COLLECTION; \*CURRICULUM DEVELOPMENT; \*TECHNICAL  
EDUCATION; TECHNICAL OCCUPATIONS; \*DRAFTSMEN; EMPLOYMENT LEVEL; \*ENTRY WORKERS;  
EMPLOYMENT QUALIFICATIONS; SECONDARY SCHOOLS; EDUCATIONAL RESEARCH

ABSTRACT - To determine skills and knowledge needed at job entry level for architectural draftsmen, data were collected by personal interviews and by



questionnaires from a 31-member sample of the Nebraska Chapter of the American Institute of Architects. The first two sections of the questionnaire elicited responses concerning: (1) Frequency of use of tools and materials within the firm, (2) degree of requirement for job entry, and (3) level or type of institution in which instruction should be given. The third section provided a rating of needed personal attributes. Results indicated that use of equipment varies little among employment levels and that beginning drafting instruction should be located in secondary schools. Only slight variation in the importance of personal attributes was apparent as ranked by employment levels. (AUTHOR/JS)

VT 011 734 ED 043 755

SHEA, JOHN R., AND OTHERS

DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.

OHIO STATE UNIV., COLUMBUS. CENTER FOR HUMAN RESOURCE RESEARCH.

MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$9.87

PUB DATE - MAY 70 288P.

DESCRIPTORS - \*EMPLOYMENT OPPORTUNITIES; FAMILY BACKGROUND; \*LABOR MARKET; LONGITUDINAL STUDIES; \*MOTHER ATTITUDES; OCCUPATIONAL MOBILITY; \*SOCIOECONOMIC INFLUENCES; WORK ATTITUDES; \*WORKING WOMEN

ABSTRACT - THIS REPORT DESCRIBES THE INITIAL STAGE OF A 5-YEAR LONGITUDINAL STUDY OF THE LABOR MARKET BEHAVIOR OF WOMEN BETWEEN 30 AND 44 YEARS OF AGE. SINCE 1967, PERSONAL INTERVIEWS AND QUESTIONNAIRES HAVE BEEN USED TO GATHER DATA RELATING WORK EXPERIENCES TO VARIOUS SOCIAL, ECONOMIC, AND PSYCHOLOGICAL FACTORS FOR A REPRESENTATIVE NATIONAL SAMPLE. THE SAMPLE CONSISTS OF 5,083 INDIVIDUALS, OF WHOM 3,456 ARE WHITE. THIS REPORT INCLUDES BACKGROUND INFORMATION, LABOR FORCE PARTICIPATION AND EMPLOYMENT PATTERNS, OCCUPATIONAL AND GEOGRAPHIC MOBILITY, AND WORK ATTITUDES OF THE WOMEN IN THE SAMPLE AS COLLECTED IN MID-1967. IN SUBSEQUENT SURVEYS, DETAILED INFORMATION WILL BE OBTAINED ON CURRENT LABOR FORCE AND EMPLOYMENT STATUS AND ON LABOR MARKET EXPERIENCE AND INCOME DURING THE PERIOD SINCE EACH PRECEDING SURVEY. IN THIS WAY A COMPLETE 5-YEAR WORK HISTORY WILL BE COLLECTED, INCLUDING A RECORD OF CHANGES IN VARIABLES BELIEVED TO INFLUENCE LABOR MARKET DECISIONS. (BH)

VT 011 754

Poitevin, Howard LaVerne

Factors Related to Occupational Status of Male Graduates of West Union, North High School.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 136p.

DESCRIPTORS - \*MASTERS THESES; \*OCCUPATIONAL SURVEYS; \*HIGH SCHOOL GRADUATES; \*MALES; DATA COLLECTION; PROGRAM IMPROVEMENT; PROGRAM PROPOSALS; QUESTIONNAIRES; ACADEMIC RECORDS; \*EMPLOYMENT; JOB TRAINING; VOCATIONAL EDUCATION; GRADUATE SURVEYS

ABSTRACT - Through the use of permanent records and questionnaires completed by the 309 males graduating from a West Union, Iowa high school from 1957 to 1966, this study sought to determine factors relating to the occupational status of these clientele. Findings reveal that 17.5 percent of the graduates had entered professional occupations, 12.9 percent were engaged as farm operators and farm laborers, 11.3 percent were in the clerical and sales field and 27.9 percent were completing military service or were classified as students. The remaining 30.4 percent were employed in the occupations of managers, craftsmen, operatives, service, and nonfarm labor, except .6 percent who were unemployed. Recommendations were that increased emphasis should be given to: (1) providing occupational training to meet interests and aptitudes of the students, (2) designing mathematics and science courses to meet the needs of noncollegebound vocational students, (3) counseling for educational requirements of different occupations, (4) encouraging use of area vocational-technical schools, and (5) providing training for off-farm agricultural occupations. This M.S. thesis was submitted to Iowa State University. (GB)

VT 011 755

Steiner, Tom

Oklahoma Farm Labor Report.

Oklahoma Employment Security Commission, Oklahoma City. Research and Planning Div.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 37p.



DESCRIPTORS - \*LABOR ECONOMICS; \*FARM LABOR; \*EMPLOYMENT TRENDS; \*FARM LABOR SUPPLY; \*EMPLOYMENT PROJECTIONS; OCCUPATIONAL SURVEYS; OCCUPATIONAL MOBILITY; MANPOWER NEEDS; AGRICULTURAL LABORERS

ABSTRACT - This summary of the major farm crops in Oklahoma emphasizes the seasonal employment of farm labor and the role of the Oklahoma State Employment Service in coordinating the recruitment and movement of seasonal farm labor from crop to crop and area to area. An annual summary, outlook for the coming year, and labor recruitment materials are included. (GB)

VT 011 757 ED 042 922

HANSEN, HERBERT EUGENE

COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - 70 892.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; AGRICULTURAL ENGINEERING; \*AGRICULTURAL SKILLS; MASTERS THESES; \*METAL WORKING OCCUPATIONS; QUESTIONNAIRES; \*SKILL DEVELOPMENT; WELDERS; \*WELDING

ABSTRACT - TO DETERMINE NEEDED COMPETENCIES IN WELDING FOR AGRICULTURAL MAINTENANCE, QUESTIONNAIRES FROM 185 FARMERS FAMILAR WITH WELDING AND 96 JOB-SHOP WELDERS REPRESENTING 40 PERCENT OF THE IOWA VOCATIONAL AGRICULTURE DEPARTMENTS WERE RATED AND EVALUATED. THE TEN MOST NEEDED COMPETENCIES IN ARC WELDING WERE FOUND TO BE: (1) UNDERSTANDING OF THE EFFECT OF AMPERAGE, ARC LENGTH, SPEED OF TRAVEL, AND ANGLE OF ELECTRODE ON WELD QUALITY, (2) ABILITY TO WELD IN VARIOUS POSITIONS, (3) UNDERSTANDING OF PROPERTIES OF METALS, (4) ABILITY TO SELECT PROPER ELECTRODE AND AMPERAGE SETTING, (5) UNDERSTANDING OF PROPERTIES AND USES OF ELECTRODES, (6) UNDERSTANDING OF SAFE OPERATING PROCEDURES, (7) ABILITY TO PREPARE AND FIT PIECES TO BE JOINED, (8) ABILITY TO WELD CAST AND MALLEABLE IRON, AND (9) ABILITY TO RECOGNIZE AND MAKE CORRECTIONS FOR WELD DEFECTS. IN OXYACETYLENE WELDING, THE MOST NEEDED COMPETENCIES WERE THE ABILITIES TO ADJUST PROPER GAS SETTINGS, OBTAIN CORRECT FLAME, SELECT WELDING AND CUTTING EQUIPMENT AND MATERIALS, IDENTIFY STEEL AND CAST IRON TEMPERATURES BY COLOR, AS WELL AS TO UNDERSTAND SAFE OPERATING PROCEDURES AND THE EFFECT OF TIP SIZE, GAS PRESSURES, SPEED OF TRAVEL, ANGLE OF TIP, AND TYPE OF FLAME ON WELD QUALITY. THIS M.S. THESIS WAS SUBMITTED TO IOWA STATE UNIVERSITY. (GB)

VT 011 769

Lawlis, G. Frank

Motivational Conflict and Employment Instability: A Research Study. Vol. II, No. 15. Discussion Papers.

Arkansas Univ., Fayetteville. Rehabilitation Research and Training Center.

MF AVAILABLE IN VT-ERIC SET.

ARR and TC 499

PUB DATE - ND 26p.

DESCRIPTORS - \*COMPARATIVE ANALYSIS; \*UNEMPLOYED; \*MATCHED GROUPS; VOCATIONAL EDUCATION; \*SELF CONCEPT; \*PERSONALITY STUDIES; MOTIVATION; EMPLOYMENT PATTERNS

ABSTRACT - To better select conditions which would enable the chronically unemployed person to maintain a successful work pattern, a comparison was made between a group of chronically unemployed males and a matching group of employed males. Instruments used to measure motivation, personality traits, and self-concepts of the two groups included the Motivational Analysis Test and the Sixteen Personality Factors. Analysis of the data was facilitated by the use of matched pairs, the t-test, post-hoc tests, and correlations. Findings based on the gathered data indicate that chronically unemployed subjects have less self-sentiment, greater career conflict, lower personality integration, and higher total conflict, and are less assertive and more self-depreciative and self-restrictive than the matched employed subjects as was hypothesized. (AUTHOR/JS)

VT 011 774

Kirkbride, Keith Frank

A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries in the Area of Spokane, Washington.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 62p.

DESCRIPTORS - \*MASTERS THESES; \*AGRICULTURAL EDUCATION; \*AGRICULTURAL SKILLS;

\*AGRICULTURAL SUPPLY OCCUPATIONS; \*VOCATIONAL EDUCATION; OFF FARM AGRICULTURAL OCCUPATIONS; WORK EXPERIENCE PROGRAMS; CURRICULUM DEVELOPMENT; POST SECONDARY EDUCATION; ON THE JOB TRAINING; SKILL DEVELOPMENT

ABSTRACT - To identify the degree of achievement of vocational competencies needed for employment in the grain, feed, seed, and farm supply industries, a survey was made of 31 managers of grain, feed, seed, and farm supply businesses. Each competency listed in the questionnaire was rated as to its relative importance for the positions of managers, supervisors, field agents, and mill operators. Compiled data indicate that a higher degree of achievement is needed for business and distributive competencies than for agricultural competencies. Competencies were rated higher for managers and field agents than for supervisors and mill operators. The more important competencies were used in preparing a proposed 2-year post-high school curriculum which includes instruction and a work experience program. This M.S. thesis was submitted to Washington State University. (GB)

VT 011 783

Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln.  
Nebraska State Advisory Council for Vocational Education.  
Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jun70 21p.

DESCRIPTORS - \*EMPLOYMENT OPPORTUNITIES; \*OCCUPATIONAL SURVEYS; \*EMPLOYMENT PROJECTIONS; \*LABOR MARKET; \*EMPLOYMENT LEVEL; VOCATIONAL EDUCATION; OCCUPATIONAL CLUSTERS; EMPLOYMENT STATISTICS; MODELS; EMPLOYMENT TRENDS  
IDENTIFIERS - \*NEBRASKA

ABSTRACT - As the third segment in a series of statewide studies, the emphasis of this report was placed on reducing the gap between state manpower research and the employer with specific manpower needs. Procedures for gathering data included an updating of the master population of 70,000 firms and a 3-percent computerized random selection of firms. This employment data was then projected to reflect statewide employment opportunities in each United States Office of Education occupational cluster for the next 12 months. Findings based on this treatment of data indicate that there are still many opportunities for the low-skilled jobs if the worker is sincere about wanting to work, and there are also employment opportunities for disadvantaged and handicapped persons. A projection of 156,136 persons needed for the following 2 years found the trade and industrial area leading with 55,001 persons needed, comprising 35.2 percent of the total. (JS)

VT 011 784

Bonner, Jack E.  
A Look at the Job Market in Idaho.

Idaho State Dept. of Employment, Boise. Research and Analysis Section.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Feb70 53p.

DESCRIPTORS - \*OCCUPATIONAL SURVEYS; OCCUPATIONAL INFORMATION; \*OCCUPATIONS; LABOR SUPPLY; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PRACTICES; \*EMPLOYMENT COUNSELORS; EMPLOYMENT TRENDS; \*JOB MARKET; \*EMPLOYMENT SERVICES

ABSTRACT - Assuming that local employment office personnel acquire valuable information about their respective job markets, this project sought to collect data for the purpose of developing an employment picture for the state of Idaho. Using the interview method, job information concerning surplus occupations and changing employer practices was collected for these occupational areas: (1) clerical and sales, (2) professional and technical, (3) service, (4) farming, (5) processing, (6) machine trades, (7) bench work, (8) structural work, and (9) miscellaneous. Data revealed that inconsistencies may exist in job markets for particular occupations between different areas of the state and between different localities within areas. (JS)

VT 011 789

Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.

Cambridge Univ., (England). Farm Economics Branch.  
MF AVAILABLE IN VT-ERIC SET.  
Farm Economics Branch, Department of Land Economy, Cambridge University, Cambridge,

England (\$.66).

PUB DATE - Jan69 43p.

DESCRIPTORS - \*OCCUPATIONAL SURVEYS; \*RURAL FARM RESIDENTS; \*FARMERS; \*OCCUPATIONAL MOBILITY; \*RURAL ECONOMICS; ECONOMIC STATUS; SOCIOCULTURAL PATTERNS; INCOME; FOREIGN COUNTRIES

IDENTIFIERS - \*ENGLAND

ABSTRACT - Farm visits and questions of a random sample of full-time small farmers in England were used in this survey to determine reasons why small farmers do not give up farming. The small farmer has compensations such as being his own boss and having satisfaction of wants and ambitions. The farmers have been provided with an exit if they wish to retire or try their fortune elsewhere. If they now choose to remain on their farms, their preference of life will be reason enough for staying since many are prosperous, happy, and successful. Appended are tables concerning the sample, personal ties with farming, and the influence of location on potential mobility. (GB)

VT 011 809

Kansas Migration and Employment 1960-1968.

Kansas State Dept. of Labor, Topeka. Employment Security Div.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - May69 33p.

DESCRIPTORS - \*MIGRATION; \*MIGRATION PATTERNS; \*EMPLOYMENT; \*EMPLOYMENT PATTERNS; \*COMPARATIVE ANALYSIS

ABSTRACT - Conducted to gain insight into the relationship of migration and employment as economic indicators, this study uses the analysis of specific geographic locales where extremes of economic conditions prevail, and comparison is made to migration and employment. This study is an attempt at only one of many indicators that would need analysis before an inference as to the cause of existing economic conditions in a specific area could be concluded. The years analyzed refer to calendar years January 1, 1960 to January 1, 1968, in which Kansas experienced net out-migration of 41,328 people, representing a negative rate of 1.79. While the trend of migration statewide has seemingly reversed from outward to inward, examination of areas within the state with the greatest degree of population concentration reveals dissimilar trends. (GB)

VT 011 813

75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969. Manpower Report 70-1.

Purdue Univ., Lafayette, Ind. Office of Manpower Studies.

MF AVAILABLE IN VT-ERIC SET.

Director, Office of Manpower Studies, Purdue University, SCC-A, West Lafayette, Indiana 47907 (\$1.75, make checks payable to Purdue University).

PUB DATE - 30Apr70 218p.

DESCRIPTORS - \*SENIORS; \*SURVEYS; \*OCCUPATIONAL CHOICE; \*SOCIOECONOMIC BACKGROUND; ASPIRATION; EDUCATIONAL INTEREST

ABSTRACT - Recognizing the significance of young people's aspirations, this study combined socioeconomic background with reported hopes and plans for 46,500 Indiana high school seniors who completed correctly a questionnaire sent to about 76,000 seniors. The 24 questions were related to characteristics of the student and his family, vocational and educational plans, and interrelationships between various plans and characteristics. On the basis of their answers, the report provides response frequency, percentage distribution, comparison of variables, and analysis of interregional differences. The results are generalized for the entire population of 76,000 high school seniors. (BH)

VT 011 814

Bennett, Dorothy; Brown, David R.

Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).

Southern Regional Education Board, Atlanta, Ga.

Economic Development Administration (DOC), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun70 72p.

DESCRIPTORS - \*SERVICE OCCUPATIONS; \*MANPOWER NEEDS; \*LOW INCOME COUNTIES; \*UNEMPLOYED;



\*EMPLOYMENT PROJECTIONS; UNDEREMPLOYED; MANPOWER UTILIZATION  
IDENTIFIERS - \*EAST TENNESSEE DEVELOPMENT DISTRICT; ETDD

ABSTRACT - This study of manpower demand forecasts employment in selected service occupations through 1975 for the East Tennessee Development District. The 16 economically disadvantaged counties in this region are characterized by excessive unemployment and underemployment. Data were gathered from personal interviews with training program administrators and participants, and from other persons in service agencies and personnel departments. After examining community, domestic, health, maintenance, and protective service occupations, the report concludes that their future is at least equal to the future of any other nonprofessional sector of the economy. There is a sizable untapped demand for services which could be met by using local unemployed and underemployed people. (BH)

VT 011 823

Labor in the Textile and Apparel Industries. Bulletin No. 1635.

Bureau of Labor Statistics (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L 2.3:1635, \$1.00).

PUB DATE - Aug69 106p.

DESCRIPTORS - \*MANPOWER UTILIZATION; \*OCCUPATIONAL SURVEYS; \*LABOR FORCE; \*OCCUPATIONAL INFORMATION; LABOR TURNOVER; ORGANIZATION SIZE (GROUPS); EMPLOYMENT; WAGES; TECHNOLOGICAL ADVANCEMENT; TABLES (DATA)  
IDENTIFIERS - TEXTILE INDUSTRY; APPAREL INDUSTRY

ABSTRACT - Information on labor and related economic conditions in the textiles and apparel industries of the United States and Puerto Rico was gathered from the Bureau of Labor Statistics, the Bureau of the Census, and other governmental agencies and summarized under these categories: (1) Employment, Unemployment and Labor Turnover, (2) Industry Location, (3) Establishment Size, (4) Labor Force Characteristics, including skill, education, race, sex, and age, (5) Technological Change, and (6) Wages and Industrial Relations. During 1968, the two industries combined employed an average of 2.4 million workers, with 985,000 in textiles and 1,417,000 in apparel; this accounted for about one-eighth of all manufacturing employment. The textiles industry is more concentrated regionally with almost 70 percent of the textile labor force employed in the South and the remainder largely in the Northeast. Both industries have high proportions of semi-skilled workers, most are white (90.5 percent) with a median age of 40.7 years in textiles and 41.7 years in apparel, but the educational attainment is below the level in manufacturing. Data tables are appended. (SB)

VT 011 826 ED 043 764

DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.

TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-0-8-000973-1873 (085) 24

BR-7-0973

PUB DATE - 70 274p.

DESCRIPTORS - \*CAREER OPPORTUNITIES; \*EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; \*JOB ANALYSIS; \*MANPOWER NEEDS; \*MEDICAL LABORATORY ASSISTANTS; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS; TECHNICAL EDUCATION

ABSTRACT - THIS REPORT IS AN ATTEMPT TO DEVELOP A COMPREHENSIVE PICTURE OF THE BIOMEDICAL EQUIPMENT TECHNICIAN (BMET), WHO SPENDS AT LEAST 50 PERCENT OF HIS TIME REPAIRING AND MAINTAINING BIOMEDICAL EQUIPMENT. IN ORDER TO ALERT POTENTIAL EMPLOYERS TO THE TECHNICIAN'S CAPABILITIES, AND TO PROVIDE INFORMATION ON ESTABLISHING TRAINING PROGRAMS, THE REPORT IDENTIFIES THE CHARACTERISTICS OF THE TECHNOLOGY, THE TYPES OF BMET'S IN THE FIELD, THE INSTITUTIONS WHICH EMPLOY THEM, AND THE TRAINING WHICH BMET'S CURRENTLY RECEIVE. ON THE BASIS OF DATA GATHERED DURING 278 INTERVIEWS WITH EMPLOYERS OF BMET'S IN 25 MAJOR CITIES, IT WAS PREDICTED THAT THE DEMAND FOR BMET'S WILL DOUBLE BY 1975. THE REPORT RECOMMENDS THAT ALL BMET TRAINING PROGRAMS EMPHASIZE SKILLS IN ELECTRONICS, TROUBLESHOOTING, AND REPAIR, WITH SECONDARY EMPHASIS ON MECHANICS, ELECTRO-MECHANICS, COMMUNICATIONS SKILLS, AND ADMINISTRATIVE-MANAGEMENT SKILLS. THE PROGRAM SHOULD FOCUS ON SPECIALTIES WHICH ARE FOUND THROUGH INTERACTION WITH POTENTIAL BMET EMPLOYERS TO BE RELEVANT TO THE REGIONAL JOB MARKET. (AUTHOR/BH)



\*EMPLOYMENT PROJECTIONS; UNDEREMPLOYED; MANPOWER UTILIZATION  
IDENTIFIERS - \*EAST TENNESSEE DEVELOPMENT DISTRICT; FTDD

ABSTRACT - This study of manpower demand forecasts employment in selected service occupations through 1975 for the East Tennessee Development District. The 16 economically disadvantaged counties in this region are characterized by excessive unemployment and underemployment. Data were gathered from personal interviews with training program administrators and participants, and from other persons in service agencies and personnel departments. After examining community, domestic, health, maintenance, and protective service occupations, the report concludes that their future is at least equal to the future of any other nonprofessional sector of the economy. There is a sizable untapped demand for services which could be met by using local unemployed and underemployed people. (BH)

VT 011 823

Labor in the Textile and Apparel Industries. Bulletin No. 1635.

Bureau of Labor Statistics (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L 2.3:1635, \$1.00).

PUB DATE - Aug69 106p.

DESCRIPTORS - \*MANPOWER UTILIZATION; \*OCCUPATIONAL SURVEYS; \*LABOR FORCE; \*OCCUPATIONAL INFORMATION; LABOR TURNOVER; ORGANIZATION SIZE (GROUPS); EMPLOYMENT; WAGES; TECHNOLOGICAL ADVANCEMENT; TABLES (DATA)  
IDENTIFIERS - TEXTILE INDUSTRY; APPAREL INDUSTRY

ABSTRACT - Information on labor and related economic conditions in the textiles and apparel industries of the United States and Puerto Rico was gathered from the Bureau of Labor Statistics, the Bureau of the Census, and other governmental agencies and summarized under these categories: (1) Employment, Unemployment and Labor Turnover, (2) Industry Location, (3) Establishment Size, (4) Labor Force Characteristics, including skill, education, race, sex, and age, (5) Technological Change, and (6) Wages and Industrial Relations. During 1968, the two industries combined employed an average of 2.4 million workers, with 985,000 in textiles and 1,417,000 in apparel; this accounted for about one-eighth of all manufacturing employment. The textiles industry is more concentrated regionally with almost 70 percent of the textile labor force employed in the South and the remainder largely in the Northeast. Both industries have high proportions of semi-skilled workers, most are white (90.5 percent) with a median age of 40.7 years in textiles and 41.7 years in apparel, but the educational attainment is below the level in manufacturing. Data tables are appended. (SB)

VT 011 826 ED 043 764

DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.

TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-0-8-000973-1873 (085) 24

BR-7-0973

PUB DATE - 70 274p.

DESCRIPTORS - \*CAREER OPPORTUNITIES; \*EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; \*JOB ANALYSIS; \*MANPOWER NEEDS; \*MEDICAL LABORATORY ASSISTANTS; OCCUPATIONAL INFORMATION; OCCUPATIONAL SURVEYS; TECHNICAL EDUCATION

ABSTRACT - THIS REPORT IS AN ATTEMPT TO DEVELOP A COMPREHENSIVE PICTURE OF THE BIOMEDICAL EQUIPMENT TECHNICIAN (BMET), WHO SPENDS AT LEAST 50 PERCENT OF HIS TIME REPAIRING AND MAINTAINING BIOMEDICAL EQUIPMENT. IN ORDER TO ALERT POTENTIAL EMPLOYERS TO THE TECHNICIAN'S CAPABILITIES, AND TO PROVIDE INFORMATION ON ESTABLISHING TRAINING PROGRAMS, THE REPORT IDENTIFIES THE CHARACTERISTICS OF THE TECHNOLOGY, THE TYPES OF BMET'S IN THE FIELD, THE INSTITUTIONS WHICH EMPLOY THEM, AND THE TRAINING WHICH BMET'S CURRENTLY RECEIVE. ON THE BASIS OF DATA GATHERED DURING 278 INTERVIEWS WITH EMPLOYERS OF BMET'S IN 25 MAJOR CITIES, IT WAS PREDICTED THAT THE DEMAND FOR BMET'S WILL DOUBLE BY 1975. THE REPORT RECOMMENDS THAT ALL BMET TRAINING PROGRAMS EMPHASIZE SKILLS IN ELECTRONICS, TROUBLESHOOTING, AND REPAIR, WITH SECONDARY EMPHASIS ON MECHANICS, ELECTRO-MECHANICS, COMMUNICATIONS SKILLS, AND ADMINISTRATIVE-MANAGEMENT SKILLS. THE PROGRAM SHOULD FOCUS ON SPECIALTIES WHICH ARE FOUND THROUGH INTERACTION WITH POTENTIAL BMET EMPLOYERS TO BE RELEVANT TO THE REGIONAL JOB MARKET. (AUTHOR/BH)

VT 011 832

Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966. Child Labor Bulletin No. 102

Wage and Labor Standards Administration (DOL), Washington, D.C. Wage and Hour Div.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - May70 6p.

DESCRIPTORS - \*AGRICULTURE; \*CHILD LABOR; \*CHILD LABOR LAWS; \*FEDERAL LAWS;  
\*EMPLOYMENT; CHILDREN

ABSTRACT - Prepared by the United States Department of Labor, this pamphlet contains general information about the provisions of the Fair Labor Standards Act as amended in 1966 applying to minors employed in agriculture. Content includes 15 questions and answers applying to child labor and agriculture. (GB)

VT 011 851 ED 043 769

FULLER, WILLIAM P.

EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$6.58 OEC-4-7-062597-1654 24  
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PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305  
PUB DATE - 70 138p.

DESCRIPTORS - ABILITY; ENVIRONMENTAL INFLUENCES; \*FOREIGN COUNTRIES; \*JOB TRAINING; OFF THE JOB TRAINING; ON THE JOB TRAINING; \*PRODUCTIVITY; \*SKILLED OCCUPATIONS; TASK PERFORMANCE; \*TRADE AND INDUSTRIAL EDUCATION; WORK EXPERIENCE  
IDENTIFIERS - \*INDIA

ABSTRACT - TO EXAMINE THE CONTRIBUTIONS OF SPECIFIC KINDS OF OCCUPATIONAL TRAINING TO THE PRODUCTIVITY OF WORKERS WITH DIFFERENT LEVELS OF FORMAL SCHOOLING, INTERVIEWS WERE USED TO COLLECT DATA ON GENERAL EDUCATION, TRADE TRAINING, WORK EXPERIENCE, ENVIRONMENTAL CHARACTERISTICS, AND GENERAL ABILITY FROM 598 TURNERS, MILLERS, AND GRINDERS IN TWO FACTORIES IN BANGALORE, INDIA. THERE WERE SIGNIFICANT DIFFERENCES IN THE PRODUCTIVITY OF WORKERS WITH DIFFERENT KINDS OF TRAINING, BUT THE BEST PRODUCERS WERE WORKERS WITH SIMILAR LEVELS OF EDUCATION AND ENVIRONMENTAL BACKGROUNDS AND WITH MAINLY INFORMAL IN-PLANT TRAINING. WORKERS WHO HAD FORMAL TRAINING IN TECHNICAL SCHOOLS WERE PROMOTED WITHIN SKILLED OCCUPATIONAL CATEGORIES MORE RAPIDLY THAN WORKERS WITH PRIMARILY IN-PLANT TRAINING, WHICH SUGGESTS THAT PROMOTION IS DETERMINED MORE BY A CERTIFICATE OF QUALIFICATION THAN BY ACTUAL JOB PERFORMANCE. THE DIFFERENCES IN PRODUCTIVITY BETWEEN WORKERS WITH PRIMARILY OUTSIDE TRAINING AND OTHER WORKERS SEEM TO REFLECT DIFFERENCES IN ATTITUDES AND BEHAVIOR UNRELATED TO JOB KNOWLEDGE AND SKILL. (SB)

VT 011 909

A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.

New York State Education Dept., Albany.

MF AVAILABLE IN VT-ERIC SET.

The Publications Distribution Unit, State Education Department, Albany, New York 12224 (single copies only).

PUB DATE - 70 21p.

DESCRIPTORS - \*AGRICULTURAL SKILLS; \*AGRICULTURAL MACHINERY OCCUPATIONS; \*OFF FARM AGRICULTURAL OCCUPATIONS; \*AGRICULTURAL EDUCATION

ABSTRACT - To determine specific skills needed by a high school graduate seeking a job in an agricultural equipment dealership, a survey of 22 farm equipment dealers in New York State was taken by an associate of the Bureau of Agricultural Education. For each skill listed the dealer indicated whether it should be essential, supplemental, or not included in a high school occupational training program. The results of the study are recorded in this document and may be utilized in developing programs of instruction in agricultural equipment dealership. (GB)

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EVALUATION  
AND MEASUREMENTS  
SECTION

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VT 006 469

An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.

Stanislaus County Dept. of Education, Modesto, Calif.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 68 34p.

DESCRIPTORS - \*CAREER PLANNING; VOCATIONAL EDUCATION; \*OCCUPATIONAL INFORMATION; CAREER OPPORTUNITIES; REFERENCE MATERIALS; \*FOLLOWUP STUDIES; \*SCHOOL SURVEYS; \*NONCOLLEGE PREPARATORY STUDENTS; HIGH SCHOOLS; JUNIOR COLLEGES

ABSTRACT - Known as Vocational Information for Education and Work (VIEW) this project placed in Stanislaus County high schools and Modesto Junior College an easily available set of reference materials pertaining to work opportunities for students not planning a college career. To evaluate this effort, questionnaire data were gathered from students, school personnel, and employers. This data, in turn, revealed that students using VIEW know more about job opportunities, and that they would use this material again if it were available. VIEW was also rated favorably by employers as to the accuracy of job information and by school personnel as to its value in providing occupational information. A special workshop was conducted to explain VIEW to guidance counselors from neighboring counties in the hope that the project would be expanded. (JS)

VT 006 861

Forest, Betty Lucille

The Utilization of Associate Degree Nursing Graduates in General Hospitals. League Exchange No. 82.

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs.

MF AVAILABLE IN VT-ERIC SET.

National League for Nursing, 10 Columbus Circle, New York, New York 10019 (\$1.75).

PUB DATE - 68 82p.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*GRADUATE SURVEYS; \*VOCATIONAL FOLLOWUP; ASSOCIATE DEGREES; \*MANPOWER UTILIZATION; \*NURSES; TASK PERFORMANCE; JOB SKILLS; EDUCATIONAL PROGRAMS; EDUCATIONAL RESEARCH

ABSTRACT - To determine if associate degree nursing graduates employed in general hospitals in New York City were performing the functions for which they had been trained, questionnaires were administered to nursing service directors in 16 accredited general hospitals and to 64 graduates who had not had further formal academic preparation and had been employed for at least 3 months. Findings revealed that the graduates were performing technical nursing functions, but they were not being utilized exclusively for these functions as many reported clerical, managerial, cleaning, and medical-technical duties. Further, little or no consideration is given to the objectives of nursing programs and to preservice preparation when promotions from staff nurse to head nurse are made. It was recommended that improved communication between those who prepare and those who utilize the graduates be planned on a continuing basis. Also, objectives and content of the associate degree nursing programs should be included in graduate schools preparing nursing service administrators. (SB)

VT 009 394

Corlett, E.N., And Others

Skill and Operative Selection for Fine Manual Tasks: The O'Connor Finger Dexterity Test and the Purdue Pegboard.

Birmingham Univ., (England). Dept. of Engineering Production.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Apr69 19p.

DESCRIPTORS - \*TESTING; \*APTITUDE TESTS; \*TEST VALIDITY; \*SKILL DEVELOPMENT; \*PSYCHOMOTOR SKILLS; SKILL ANALYSIS; BIBLIOGRAPHIES  
IDENTIFIERS - O'CONNOR FINGER DEXTERITY TEST; PURDUE PEGBOARD

ABSTRACT - Experiments were conducted to examine modifications in the design, use, and method of scoring tests, for measuring aptitude for acquiring speed-skills in fine manual tasks. The O'Connor Finger Dexterity Test and the Purdue Pegboard were used as well as a modification of the Purdue Pegboard to study the possible importance of improvement in times taken to perform elements of a test rather than the level of initial performance. The continuous sequential recording of 12 subjects was carried out



to determine the effects of repetition on successive movements in the work cycles of the test. The performance of one highly skilled industrial subject was filmed in order to analyze movements more closely. This, jointly with the observations made during the other experiments, clearly indicated that results from these tests are too variable and are unreliable for speed-scale acquisition tests. Other conclusions regarding acquisitions of speed-scale and the validity of these tests for selection are reported. (CH)

VT 009 596

Joseph, M.P.; Almen, R.E.

Measurement of Attitudinal Changes by Means of an Adjective Check List.

Work Opportunity Center, Minneapolis, Minn.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 1Jun68 13p.

DESCRIPTORS - \*SELF CONCEPT; ATTENDANCE; \*MALES; \*FEMALES; \*PERCEPTION TESTS; \*CHANGING ATTITUDES

IDENTIFIERS - \*ADJECTIVE CHECK LIST

ABSTRACT - To determine if significant changes in self-perception were noted in Work Opportunity Center students as a result of their studies at the center, data were obtained from 32 boys and 22 girls who had been administered the Adjective Check List (ACL) during orientation and again at termination or after a reasonable period in the program. The average attendance was 46 years over a period of approximately 16 weeks. The mean age was 18 years and 1 month. Approximately 60 percent of the combined groups made improvements in self-perception scores. The number of girls making gains was significantly greater than those making losses. An analysis of the effect of number of attendance days on the extent of ACL score change did not reveal a significant difference in the total sample between those having the most and those with the least number of days. However, among the girls, those girls with the most attendance days had more gains than losses in self-perception scores. A zero rank-order correlation between extent of improvement in ACL score and the number of attendance days was found for both groups. (SB)

VT 010 073

Vinnes, Harold B., And Others

Analysis of Work Release for Felons in Minnesota.

Minnesota State Dept. of Corrections, St. Paul. Div. of Research and Planning.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Feb69 24p.

DESCRIPTORS - \*CORRECTIONAL REHABILITATION; \*PRISONERS; \*WORK EXPERIENCE PROGRAMS; \*PROGRAM EVALUATION; \*PROBATIONARY PERIOD; STATE PROGRAMS; EMPLOYMENT OPPORTUNITIES

ABSTRACT - Since 1967, felons in Minnesota have been permitted to work at gainful employment in the community while serving their sentences. Unlike the paroled felon, the participant in this program must spend his nonworking hours in a local correctional institution. Data analyzes program activity from its inception in October 1967 and continuing through December 1968, including participants' background, skill level and income in the program, and disposition after leaving the program. The program appears to be a good alternative to parole, although the report warns against drawing firm conclusions until more experience has been gained. (BH)

VT 010 436

Katz, Blanche K.

Training for the Automotive Trades in New York City.

Public Education Association, New York, N.Y. Committee on Education, Guidance, and Work.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul69 33p.

DESCRIPTORS - \*AUTO MECHANICS; \*MANPOWER NEEDS; VOCATIONAL EDUCATION; TRAINING TECHNIQUES; \*VOCATIONAL HIGH SCHOOLS; OCCUPATIONAL CHOICE; \*TRADE AND INDUSTRIAL EDUCATION; EDUCATIONAL PLANNING; JOB PLACEMENT; \*PROGRAM EVALUATION; SCHOOL SURVEYS  
IDENTIFIERS - NEW YORK CITY; \*AUTOMOTIVE TRADES

ABSTRACT - To develop a model for examining all vocational programs being considered for inclusion in comprehensive high schools, a study was made of the automotive trades program offered in the New York State vocational high schools. Factors examined were:

(1) Manpower Needs, (2) Manpower Supply, (3) Supply and Demand, (4) Factors Affecting Vocational Choice and Placement, and (5) Training Patterns. Recommendations were: (1) reorganization of program to meet student needs, (2) expansion of work-study program, (3) stipends provided for students electing 13th year, (4) establishment of training programs within dealer agency shops, (5) in-service training for present automotive teachers, (6) modification of civil service qualifications to permit employment after the 12th and 13th year, (7) increased cooperation between advisory board and automotive commission, and (8) optional offering in comprehensive high schools of driver education and training and automotive principles. A bibliography is given. (GR)

VT 010 982

House, Elaine W.

Skill Training for the Disadvantaged: Problems of Assessment.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 8Apr68 34p.; Presented to American Personnel and Guidance Assn. Convention (Annual, Detroit, Mich., Apr 8, 1968).

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*FEDERAL PROGRAMS; \*PROGRAM EVALUATION; \*EVALUATION METHODS; \*CULTURALLY DISADVANTAGED; ADMINISTRATIVE PROBLEMS  
IDENTIFIERS - \*MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

ABSTRACT - The Manpower Development and Training Act (MDTA) provides for skill training which will benefit both the individual and society. Programs are given in varied settings and last for varied lengths of time, with a high turnover rate among instructors and administrators. These factors make accurate assessment quite difficult. To look only at the percentage of graduates employed ignores job retention and promotion, as well as the less tangible benefits. Additional problems arise because of a failure to use longitudinal analysis to evaluate the changes in the trainee as he passes through the program. Assessment could be improved by (1) stating educational objectives in behavioral terms, (2) using objective instruments following local norms, (3) studying dropouts, (4) using more paraprofessionals, (5) assessing attitudinal changes with video-tape techniques, and (6) coordinating the work of measurement specialists and skill center personnel. (BH)

VT 011 012

Lipton, Benjamin H., And Others

Survey of Graduates of the Joseph Bulova School of Watchmaking.

Bulova Watch Co. Foundation.

Bulova Fund.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep67 7p.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP; SKILLED OCCUPATIONS; TRADE AND INDUSTRIAL EDUCATION; \*WATCHMAKERS; \*PHYSICALLY HANDICAPPED; \*PROGRAM EFFECTIVENESS; \*PROGRAM EVALUATION; CURRICULUM DEVELOPMENT; OCCUPATIONAL INFORMATION; REHABILITATION COUNSELING; GRADUATE SURVEYS

ABSTRACT - To determine program effectiveness, provide a guide for curriculum development, demonstrate that the disabled can be effective and useful members of a community, and provide rehabilitation counselors with information about salaries and jobs, questionnaires were sent to all graduates to collect data pertaining to job titles, job description, and number of hours worked per week. A response from 493 graduates indicated that training skills acquired in either the watch repair or precision technician course were useful in placing the graduate in a competitive market or as an independent entrepreneur. Also, despite the fact that most of the graduates were seriously disabled, this disability generally did not affect obtaining, continuing, or advancing in a position. Though the types of jobs held were varied, many were within the same general job family, which demonstrates that graduates are not limited to watch repair but can find jobs in the precision mechanics field. Finally, even though curriculum modifications were not indicated by the results, future surveys should be conducted in order to maintain program effectiveness. (SB)

VT 011 019

The Extent of Registered Apprentice Training in New York State, 1967.

New York State Dept. of Labor, Albany.

New York State Education Dept., Albany.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Sep69 61p.

OF THEIR DOCTORAL PROGRAM. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 688 ED 043 746

WINTERS, KENNETH WAYNE

A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 231P.

DESCRIPTORS - BIBLIOGRAPHIES; COLLEGE GRADUATES; \*CURRICULUM DEVELOPMENT; \*CURRICULUM EVALUATION; DEGREE REQUIREMENTS; DOCTORAL THESES; \*FOLLOWUP STUDIES; GRADUATE SURVEYS; \*INDUSTRIAL ARTS; \*INDUSTRIAL TECHNOLOGY; TEACHER EDUCATION

ABSTRACT - RESPONSES FROM 195 (89.4 PERCENT) OF 218 GRADUATES DURING 1965-69 PROVIDED INFORMATION WHICH RELATED TO THE PRESENT STATUS AND EFFECTIVENESS OF THE INDUSTRIAL ARTS TEACHER EDUCATION AND THE INDUSTRIAL TECHNICAL/TECHNOLOGY PROGRAMS AT MURRAY STATE UNIVERSITY. CONCLUSIONS WERE: (1) 90 PERCENT OF THE TEACHER EDUCATION GRADUATES AND 60 PERCENT OF THE TECHNICAL/TECHNOLOGY GRADUATES MAY WORK TOWARD AN ADVANCED DEGREE AT SOME TIME DURING THEIR CAREER, (2) TECHNICAL/TECHNOLOGY GRADUATES WILL MOST OFTEN BE EMPLOYED IN POSITIONS ENTITLED INDUSTRIAL ENGINEER, (3) INDUSTRIAL ARTS TEACHER EDUCATION GRADUATES WILL MORE COMMONLY BE EXPECTED TO TEACH INDUSTRIAL ARTS EITHER FULL-TIME OR PART-TIME AT THE HIGH SCHOOL LEVEL, (4) THE EXTREME GAP BETWEEN SALARIES OF TEACHER EDUCATION GRADUATES AND TECHNICAL/TECHNOLOGY GRADUATES IS CLOSING SLIGHTLY, (5) MANY GRADUATES OF BOTH PROGRAMS MAY DECIDE TO LEAVE THEIR FIELD AND ENTER UNRELATED OCCUPATIONS, (6) GRADUATES OF BOTH PROGRAMS SEE THE NEED AND MAKE RECOMMENDATIONS FOR CHANGES IN THE INDUSTRIAL EDUCATION CURRICULUM, (7) BOTH PROGRAMS ARE COMPATIBLE AND MAY OPERATE WITHIN THE SAME DEPARTMENT, AND (8) IT MAY BE EXPECTED THAT THERE WILL BE COMPARABLE NUMBERS TRANSFERRING FROM EITHER PROGRAM TO THE OTHER. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 749 ED 043 757

PUCEL, DAVID J., AND OTHERS

DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF TRADE AND INDUSTRIAL EDUCATION.

NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT (DHEW/OE), WASHINGTON, D.C. DIVISION OF COMPREHENSIVE AND VOCATIONAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - JUL 70 67P.

DESCRIPTORS - ANALYSIS OF VARIANCE; APTITUDE TESTS; COMPARATIVE TESTING; CORRELATION; \*DROPOUTS; \*GRADUATE SURVEYS; \*MEASUREMENT INSTRUMENTS; \*OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; STUDENT CHARACTERISTICS; SUCCESS FACTORS; \*VOCATIONAL EDUCATION IDENTIFIERS - MINNESOTA; \*PROJECT MINI SCORE

ABSTRACT - TWO STUDIES WERE CONDUCTED TO DETERMINE THE ABILITY OF THE PROJECT MINI-SCORE TEST BATTERY TO DIFFERENTIATE AMONG GRADUATES FROM DIFFERENT VOCATIONAL CURRICULUMS AND AMONG GRADUATES AND DROPOUTS FROM SELECTED VOCATIONAL CURRICULUMS. THE POPULATION USED IN THE FIRST STUDY CONSISTED OF 1,696 GRADUATES FROM SEVEN PREDOMINANTLY MALE AND FIVE PREDOMINANTLY FEMALE OCCUPATIONAL CURRICULUMS. ANALYSES OF VARIANCE OF MEAN SCORES REVEALED THAT THERE WERE SUBSTANTIAL DIFFERENCES AMONG PERSONS WHO ENTER AND GRADUATE FROM DIFFERENT VOCATIONAL PROGRAMS ON DIMENSIONS MEASURED BY THE TEST BATTERY. A SUB-SAMPLE FROM TWO MALE AND TWO FEMALE CURRICULUMS WAS SELECTED FOR FURTHER INVESTIGATION. ANALYSIS OF DATA BY MEANS OF CORRELATION TECHNIQUES REVEALED THAT SPECIFIC ATTEMPTS TO PREDICT WHETHER OR NOT PERSONS COULD DROP OUT OF EACH OF THE FOUR PROGRAMS BASED ON DATA FROM EACH INSTRUMENT WERE NOT AS SUCCESSFUL. THE STUDIES REVEALED THAT THE INSTRUMENTS ARE CAPABLE OF DIFFERENTIATING AMONG CURRICULUMS TO A MUCH LARGER EXTENT THAN THEY ARE CAPABLE OF DIFFERENTIATING AMONG GRADUATES AND DROPOUTS WITHIN A GIVEN CURRICULUM. A RELATED DOCUMENT IS AVAILABLE AS ED 025 658. (AUTHOR)

VT 011 770

Price, Ray G., Ed.

Assessment of Educational Programs.

Minnesota Univ., Minneapolis.

Delta Pi Epsilon, Minneapolis, Minn. Phi Chapter

Minnesota Research Coordinating Unit in Occupational Education, Minneapolis

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 45p.; Proceedings of the Annual Research Conference for Graduate



DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*APPRENTICESHIPS; \*PROGRAM ADMINISTRATION; \*PROGRAM IMPROVEMENT; \*PROGRAM EVALUATION; ARTICULATION (PROGRAM); PROGRAM PLANNING; RESEARCH NEEDS  
IDENTIFIERS - NEW YORK

ABSTRACT - To determine the extent and nature of registered apprenticeship programs and classes of related instruction in New York and to improve the administration of the program, data were collected on the legislative background, growth of the program since World War II, requirements for registration, the roles of the Department of Labor and other agencies, and from the number and kinds of apprentices, programs, and instruction-related phases. Some recommendations were: (1) Devise a comprehensive planning system to improve the basis for estimating and budgeting the needs of related instruction, (2) Devise a more flexible standard for determining related instruction requirements, (3) Conduct studies to determine the quality and on-the-job success differential of apprentices having different exposure to related and supplemental instruction, and (4) Examine dropout experience. A listing of apprenticeable trades and data tables are appended. (SB)

VT 011 076

A Concerned Texas.

Texas Advisory Council for Technical-Vocational Education, Austin.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Mar70 21p.; A Report to the Honorable Preston Smith, Governor of Texas.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; \*ADVISORY COMMITTEES; \*EDUCATIONAL NEEDS; EDUCATIONAL PROGRAMS; ATTITUDES; RELEVANCE (EDUCATION); MANAGEMENT; \*PROGRAM EVALUATION; FOLLOWUP STUDIES; MANPOWER NEEDS; RESOURCES; EDUCATIONAL FINANCE; PERSONNEL  
IDENTIFIERS - TEXAS

ABSTRACT - In its report to the Governor, council expresses concerns in the following areas: attitude, relevance of education, educational snobbery, management structure, evaluation, needs of Texas, resources, personnel, and costs and funding. Some specific concerns are: (1) attitudes of snobbery held by businessmen, labor leaders, administrators, teachers, parents, and students toward vocational education, (2) education that does not prepare students for unfilled jobs, (3) a fragmented management structure at national, state, and local levels, (4) little evidence of commitment by secondary schools as to placement of students or followup to determine their success or failure, (5) funds provided on a cost-per-student per-year basis with little regard given to the benefit produced for the individuals or the economy, and (6) a need for qualified personnel. Several suggestions, observations, and questions accompany the concerns. (SB)

VT 011 684

ED 043 742

MORELAND, HENRY CLIFFORD, JR.

A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 129p.

DESCRIPTORS - BIBLIOGRAPHIES; \*DOCTORAL PROGRAMS; DOCTORAL THESES; \*FOLLOWUP STUDIES; GRADUATE SURVEYS; \*INDUSTRIAL ARTS; \*PROGRAM EFFECTIVENESS; \*PROGRAM EVALUATION; QUESTIONNAIRES  
IDENTIFIERS - COLORADO STATE COLLEGE

ABSTRACT - FIFTY GRADUATES (96.1 PERCENT) OF COLORADO STATE COLLEGE DURING THE YEARS 1960-1968, RECEIVING A DEGREE OF DOCTOR OF EDUCATION IN INDUSTRIAL ARTS EDUCATION, RETURNED A QUESTIONNAIRE DESIGNED TO COLLECT INFORMATION ABOUT THE EFFECTIVENESS OF THE DOCTORAL PROGRAM IN PREPARING THEM TO FUNCTION IN THEIR CURRENT POSITIONS. THE STUDY COVERED THE GRADUATES' BACKGROUNDS, VIEWS CONCERNING THEIR DOCTORAL TRAINING IN LIGHT OF THEIR PROFESSIONAL RESPONSIBILITIES, AND THEIR SUGGESTIONS AND RECOMMENDATIONS FOR THE IMPROVEMENT OF THE DOCTORAL PROGRAM. CONCLUSIONS WERE: (1) THE MAJORITY OF GRADUATES WERE WELL PLEASED WITH THE DOCTORAL PROGRAM IN INDUSTRIAL ARTS, (2) THE PHILOSOPHICAL SCOPE OF THE DEPARTMENT AND DOCTORAL PROGRAM WAS SOMEWHAT LIMITED TO INDUSTRIAL ARTS, (3) DOCTORAL ADVISORS WERE WELL QUALIFIED AND COMPETENT BUT THEIR TIME FOR ASSISTING WAS TOO LIMITED, (4) TECHNICAL COURSES SHOULD CONTINUE TO EARN CREDIT IN DOCTORAL PROGRAMS, (5) THE MAJORITY OF THE DOCTORAL GRADUATES ENTERED POSITIONS IN THE FIELD OF HIGHER EDUCATION WHILE SOME ASSUMED ADMINISTRATIVE RESPONSIBILITIES, (6) IN GENERAL, THE GRADUATE FACULTY WAS EXCELLENT, AND (7) GRADUATES CONSIDERED THEIR ASSOCIATIONS WITH OTHER DOCTORAL STUDENTS AND THE FACULTY AS THE MOST VALUABLE ASPECT



OF THEIR DOCTORAL PROGRAM. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 688 ED 043 746

WINTERS, KENNETH WAYNE

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VT 011 749 ED 043 757

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DIVISION OF COMPREHENSIVE AND VOCATIONAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - JUL 70 67P.

DESCRIPTORS - ANALYSIS OF VARIANCE; APTITUDE TESTS; COMPARATIVE TESTING; CORRELATION; \*DROPOUTS; \*GRADUATE SURVEYS; \*MEASUREMENT INSTRUMENTS; \*OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; STUDENT CHARACTERISTICS; SUCCESS FACTORS; \*VOCATIONAL EDUCATION IDENTIFIERS - MINNESOTA; \*PROJECT MINI SCORE

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VT 011 770

Price, Ray G., Ed.

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Minnesota Univ., Minneapolis.

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Minnesota Research Coordinating Unit in Occupational Education, Minneapolis

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 45p.; Proceedings of the Annual Research Conference for Graduate

Advisors in Business Education (11th, University of Minnesota, Minneapolis, May 12-13, 1969).

DESCRIPTORS - \*CONFERENCE REPORTS; \*BUSINESS EDUCATION; \*PROGRAM EVALUATION; \*RESEARCH NEEDS; BUSINESS EDUCATION TEACHERS; DISTRIBUTIVE EDUCATION; EDUCATIONAL NEEDS; \*FACULTY ADVISORS; EDUCATIONAL PROGRAMS

ABSTRACT - Based on a 2-day conference for graduate advisors in business education, this report summarizes methods of program assessment and research needs primarily for the areas of business education and distributive education. Presentations reviewed in the document are: (1) "The National Assessment of Educational Progress" by Jack Merwin, (2) "The Assessment of the Developmental Economic Education Program" by John Maher, (3) "The Assessment of Office Education Programs" by Elaine Uthe, (4) "The Assessment of Distributive Education Programs" by Neal Vivian, (5) "The Assessment of Research Needs in Economic Education" by Darrell Lewis, (6) "The Assessment of Research Needs in Business Education" by Geraldine Farmer, and (7) "The Assessment of Research Needs in Distributive Education" by Mary Klaurens. (JS)

VT 011 772

Potter, Theodore Lee

A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 87p.

DESCRIPTORS - \*MASTERS THESES; \*VOCATIONAL AGRICULTURE TEACHERS; \*PROGRAM EVALUATION; \*VOCATIONAL AGRICULTURE; \*AGRICULTURAL ENGINEERING; COMPARATIVE ANALYSIS; QUESTIONNAIRES; INSTRUCTIONAL IMPROVEMENT; PROGRAM IMPROVEMENT

ABSTRACT - To compare the agricultural mechanics programs of selected Washington vocational agriculture departments to a model program and to make recommendations for improvements in instruction, data from two sets of questionnaires were utilized in this study. One set of questionnaires was sent to a jury of 13 agricultural engineering and agricultural education experts. The other set of questionnaires was sent to selected groups of vocational agriculture teachers. The results of the study indicated that teachers are doing a good job of agricultural mechanics instruction, except for an apparent weakness in the agricultural power and equipment division of instruction. It was recommended that vocational agriculture teachers balance their programs to include more instruction in agricultural power and equipment. This M.S. thesis was submitted to Washington State University. (GB)

VT 011 848

ED 043 767

HEINSTRAS, NORMAN W.; LUCAS, RICHARD L.

AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.

SOUTH DAKOTA UNIV., VERNILLION. DEPT. OF PSYCHOLOGY.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-6-9-009054-0081 (010) 24  
BR-9-F-054

PUB DATE - JUN 70 30P.

DESCRIPTORS - COMPARATIVE ANALYSIS; \*CRITICAL INCIDENTS METHOD; \*DECISION MAKING SKILLS; \*DRIVER EDUCATION; EXPERIMENTAL PSYCHOLOGY; MEASUREMENT; \*PROGRAM EVALUATION; \*SIMULATED ENVIRONMENT

ABSTRACT - TO HELP EVALUATE DRIVER EDUCATION, 50 INDIVIDUALS WERE TESTED AND TRAINED BY MEANS OF A SIMULATION TECHNIQUE TO DETERMINE IF DRIVERS COULD BE TAUGHT TO MAKE ACCURATE LAST MINUTE PASSING JUDGMENTS, AND IF KNOWLEDGE OF DIRECTION AND MAGNITUDE OF ERROR ON INDIVIDUAL TRIALS WOULD HAVE ANY INFLUENCE ON THIS TRAINING. IN A PROJECTION ROOM, EACH SUBJECT WATCHED AS THE CAMERA CAR HE WAS SUPPOSEDLY DRIVING ACTUALLY PASSED A LEAD CAR. FOLLOWING THIS SEQUENCE EACH SUBJECT WAS ADMINISTERED A PRETEST, INVOLVING AN ONCOMING SCENE FILM DURING WHICH THE SUBJECT WAS TO PRESS A SWITCH WHEN HE BELIEVED THE LAST POSSIBLE MOMENT FOR PASSING HAD ARRIVED. THEN IN FOLLOWUP FILM SESSIONS ONE GROUP OF SUBJECTS RECEIVED INSTANT FEEDBACK ON EACH PERFORMANCE WHILE A SECOND GROUP DID NOT. ANALYSIS OF THE DATA SHOWED THAT THERE WAS A SIGNIFICANT CORRELATION (.57) BETWEEN THE ON-THE-ROAD AND IN THE LAB PERFORMANCE ON THIS TYPE OF TASK. IT WAS ALSO FOUND THAT SUBJECTS RECEIVING THE FEEDBACK IMPROVED SIGNIFICANTLY IN A POSTTEST MEASURE WHILE THE OTHER GROUP FAILED TO IMPROVE IN ACCURACY OF PASSING JUDGMENT. (AUTHOR)

VT 011 859 ED 043 770

WILSON, ROGER JOHN

AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 153P.

DESCRIPTORS - \*COOPERATIVE EDUCATION; POST SECONDARY EDUCATION; \*PROGRAM EVALUATION; PROGRAM IMPROVEMENT; \*SUPERVISORY TRAINING; \*SURVEYS; TECHNICAL EDUCATION; \*TRAINERS; \*VOCATIONAL EDUCATION; WORK EXPERIENCE

ABSTRACT - BY PASSING THE 1968 VOCATIONAL EDUCATION ACT WITH ITS SPECIAL PROVISIONS FOR COOPERATIVE EDUCATION, CONGRESS HAS HIGHLIGHTED THE VALUE AND RAPID GROWTH OF ON-THE-JOB PROGRAMS. HOWEVER, WITH THIS INCREASED EMPHASIS ON COOPERATIVE EDUCATION COMES THE NEED FOR INVESTIGATING THE PRESENT PRACTICES OF SELECTING AND PREPARING THE ON-THE-JOB TRAINER ASSIGNED TO A STUDENT-LEARNER. FOR THE MOST PART DATA FOR THE STUDY WAS GATHERED BY REVIEWING RELATED LITERATURE AND VISITING A SAMPLE OF NINE 2-YEAR INSTITUTIONS TO INTERVIEW TEACHER-COORDINATORS. AN ANALYSIS OF THE INTERVIEW FINDINGS LED TO THE CONCLUSION THAT THE SELECTION OF THE ON-THE-JOB TRAINER WAS UNDER THE CONTROL OF THE TEACHER-COORDINATOR THROUGH HIS APPROVAL OR DISAPPROVAL OF THE COOPERATING EMPLOYER. IT WAS ALSO CONCLUDED THAT THE ON-THE-JOB TRAINER WAS GIVEN LITTLE IF ANY PLANNED PREPARATION BEFORE HE UNDERTOOK HIS TEACHING TASK. A SIGNIFICANT RECOMMENDATION OF THIS STUDY IS THAT TEACHER-COORDINATORS MUST TAKE ADVANTAGE OF THEIR RESPONSIBILITY AND POSITION TO CONTROL THE SELECTION AND PREPARATION OF THE ON-THE-JOB TRAINERS. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 878

Parker, Melville G.; Baker, Richard A.

Development of a Scale to Measure Attitudes Toward Vocational Education. Research and Development Report No. 1.

Auburn Univ., Ala. Occupational Research and Development Unit.

Alabama State Dept. of Vocational Education, Montgomery.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 15p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*ATTITUDES; \*RATING SCALES; MEASUREMENT INSTRUMENTS; \*PREDICTIVE MEASUREMENT; MEASUREMENT TECHNIQUES; COMMUNICATIONS; \*SCHOOL COMMUNITY COOPERATION; COMMUNITY LEADERS

ABSTRACT - As an initial effort to develop more effective communications and cooperative relationships between vocational educators and persons in community and education leadership positions, this project sought to develop a scale for measuring attitudes toward vocational education. Over 200 statements of attitudes toward vocational education were developed from interviews with staff members of the Occupational Research and Development Unit, from related literature, and from items adapted from existing attitude scales. These statements were then edited and reviewed by a group of judges and subsequently reduced to 91 acceptable statements. Next, experiment involved testing two sets of statements using a group of off-campus students and a group of campus students. Findings based on these procedures strengthen confidence in the validity of the scale, at least as applied to educators, and lend support to the contention that as few as 15 judges may be used to obtain scale values for an attitude scale constructed by the equal-appearing interval method. (JS)

VT 011 905

Frazier, William D.; Harris, James L.

A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.

Oklahoma Vocational Research Coordinating Unit, Stillwater.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun70 30p.

DESCRIPTORS - \*GRADUATE SURVEYS; \*COMPARATIVE ANALYSIS; \*VOCATIONAL EDUCATION; \*RESEARCH METHODOLOGY; GRADUATES; CLASSIFICATION; SCHOOL SURVEYS

ABSTRACT - This report compares two followup studies of the postgraduate occupational and educational activities of occupational trainees, with one study based on a teacher survey, and the other on a graduate survey. In order to determine the most cost-



effective method, the report identifies differences between the two sets of data and explains their significance. Using chi square tests, the report concludes that both methods produced inaccuracies, but because of speed and cost considerations, the teacher followup is preferable until a better method is devised. (BH)

VT 011 927 ED 043 776

EDGAR, NICHOLAS J.

A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.

MAHONING VALLEY VOCATIONAL SCHOOL, VIENNA, OHIO.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. DIV. OF VOCATIONAL EDUCATION.

EDRS PRICE MF-\$0.65 HC-\$9.87

PUB DATE - MAY 67 300P.

DESCRIPTORS - EDUCATIONAL INNOVATION; FOLLOWUP STUDIES; \*GRADUATE SURVEYS; JOB PLACEMENT; OCCUPATIONAL SURVEYS; OPINIONS; PERSONNEL DATA; \*PILOT PROJECTS; PROGRAM EFFECTIVENESS; \*PROGRAM EVALUATION; QUESTIONNAIRES; \*RESIDENTIAL SCHOOLS; \*VOCATIONAL TRAINING CENTERS

ABSTRACT - MAHONING VALLEY VOCATIONAL SCHOOL (MVVS) IS THE ONLY RESIDENT OCCUPATIONAL TRAINING PROGRAM IN OHIO UNDER THE MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA). FOR THIS REASON AND BECAUSE IT IS AN INNOVATION IN YOUTH TRAINING IN THE UNITED STATES, THE SCHOOL WAS EVALUATED FOR ITS EFFICIENCY AND ITS EFFECTIVENESS IN PREPARING YOUTH FOR THE WORLD OF WORK. TO GATHER THE DATA NECESSARY TO EVALUATE THIS EXPERIMENTAL PROGRAM A SERIES OF QUESTIONNAIRES WERE USED TO SURVEY-INTERVIEW PREVIOUS TRAINEES, AND TO INTERVIEW THE TRAINEE'S FAMILY, EMPLOYERS OF TRAINEES, AND PERSONNEL OF SCHOOLS ATTENDED BY THE TRAINEE PRIOR TO ENTERING MVVS. THE SURVEY REVEALED AN OVERALL PLACEMENT RATE OF 88 PERCENT FOR THE FIRST 2 TRAINING YEARS, WITH THE HIGHEST PLACEMENT RATES REGISTERED FOR AUTO TRAINING, DRAFTING, MACHINE SHOP OPERATOR, AND WELDING. SPECIFIC PROBLEMS IDENTIFIED AS HINDERING THE PLACEMENT OF GRADUATES INCLUDED: (1) A PREVIOUS COURT RECORD, (2) THE LACK OF A HIGH SCHOOL DIPLOMA, (3) THE SELECTIVE SERVICE STATUS OF MANY GRADUATES, AND (4) THE LACK OF PRACTICAL EXPERIENCE. AMONG THE MANY RECOMMENDATIONS IS ONE STATING THAT THE PILOT EXPERIMENTAL TITLE AND CONCEPT SHOULD BE REAPPLIED TO MVVS FOR AT LEAST 2 MORE YEARS IN ORDER TO PROVIDE A MORE COMPLETE EVALUATION OF THIS TYPE PROGRAM. (AUTHOR/JS)

VT 011 934 ED 043 777

FLANAGAN, JOHN C., AND OTHERS

DESIGN FOR A STUDY OF AMERICAN YOUTH.

AMERICAN INSTITUTES FOR RESEARCH, PITTSBURGH, PA.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$9.87

CRP-635

HOUGHTON MIFFLIN, 2 PARK STREET, BOSTON, MASSACHUSETTS 02107 (34.28, PAPER COPY \$2.08)

PUB DATE - 62 245P.

DESCRIPTORS - ASPIRATION; COUNSELING; DATA COLLECTION; FOLLOWUP STUDIES; HUMAN RESOURCES; LONGITUDINAL STUDIES; PERSONAL GROWTH; \*PERSONALITY ASSESSMENT; PERSONALITY DEVELOPMENT; PREDICTIVE ABILITY (TESTING); \*RESEARCH DESIGN; \*RESEARCH METHODOLOGY; STUDENT TESTING; SURVEYS; \*TALENT IDENTIFICATION; \*TEST CONSTRUCTION; YOUTH

ABSTRACT - PROJECT TALENT IS A LARGE-SCALE, LONG-RANGE EDUCATIONAL RESEARCH EFFORT AIMED AT DEVELOPING METHODS FOR THE IDENTIFICATION, DEVELOPMENT, AND UTILIZATION OF HUMAN TALENTS, WHICH HAS INVOLVED SOME 440,000 STUDENTS IN 1,353 PUBLIC, PRIVATE, AND PAROCHIAL SECONDARY SCHOOLS IN ALL PARTS OF THE COUNTRY. DATA COLLECTED THROUGH TEACHER-ADMINISTERED TESTS, INCLUDED SOME 2,000 ITEMS OF INFORMATION ABOUT EACH STUDENT AND SOME 1,000 ITEMS ABOUT EACH SCHOOL. THE STUDENT INFORMATION INCLUDED MEASURES OF (1) BREADTH OF GENERAL INFORMATION, (2) INTERESTS, (3) INFORMATION IN SPECIFIC AREAS, (4) VOCABULARY, (5) MOTIVATIONAL FACTORS, AND (6) SCIENTIFIC ATTITUDE. OTHER MEASURES INCLUDED THOSE CONCERNED WITH MEMORY FOR SENTENCES, THE ABILITY TO USE THE ENGLISH LANGUAGE, AND TESTS DEALING WITH CREATIVITY AND MECHANICAL REASONING. USE WAS ALSO MADE OF INVENTORIES TO EXPLORE PERSONALITY, VOCATIONAL INTERESTS, AND EXPERIENCES. THIS INFORMATION IS IN THE COMPUTER PROCESSING STAGES AND WILL PROVIDE DATA FOR LATER REPORTS DESCRIBING THE SCHOOLS THESE STUDENTS ATTENDED AND THE INTERESTS, APTITUDES, ABILITIES, ACTIVITIES, AND PLANS OF THE STUDENTS. ANTICIPATED CONTINUING STUDIES WILL BE MADE AT ONE, FIVE, TEN, AND TWENTY YEARS. (AUTHOR/JS)

VT 011 959

Tentative Standards of the Committee on Occupational Education.



## Education.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 3Dec69 19p.

DESCRIPTORS - \*ACCREDITATION (INSTITUTIONS); PROGRAM IMPROVEMENT; \*STANDARDS; \*VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; EDUCATIONAL POLICY; \*SELF EVALUATION; EQUIPMENT; INSTRUCTIONAL STAFF; PROGRAM PLANNING; STUDENT PERSONNEL PROGRAMS; JOB PLACEMENT; EVALUATION CRITERIA; ADMINISTRATIVE PERSONNEL

ABSTRACT - Administrators and program supervisors in area vocational schools and other institutions not yet eligible for membership in accrediting associations should be interested in learning that they are eligible to become affiliated institutions in order to develop and apply standards of quality and procedures for self-improvement and evaluation. These standards were designed to aid in assessing and improving the quality of occupational education in the following 12 areas: (1) Philosophy and Purpose of Institution, (2) Organization and Administration, (3) Educational Programs, (4) Financial Resources, (5) Staff, (6) Physical Facilities, (7) Equipment and Supplies, (8) Student Personnel Services, (9) Community Relations, (10) Long Range Planning, (11) Learning Resource Center(s), and (12) Placement and Follow-Up. Also included in the document is a statement of policy and dictionary of terms. A related document is available as VT 011 957 (also in this issue). (JS)

VT 011 965

ED 043 785

AL-BUKHARI, NAJATI MOHAMMED AMIN

ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.

STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEC-4-7-062597-1654 24

BR-6-2597

PUBLICATIONS SECRETARY, SIDEC, SCHOOL OF EDUCATION, P.O. BOX 2329, STANFORD UNIVERSITY, STANFORD, CALIFORNIA 94305

PUB DATE - 68 194p.

DESCRIPTORS - ARTICULATION (PROGRAM); COST EFFECTIVENESS; EDUCATIONAL FINANCE; \*EDUCATIONAL PROGRAMS; EXPENDITURE PER STUDENT; FOLLOWUP STUDIES; \*FOREIGN COUNTRIES; GENERAL EDUCATION; GRADUATE SURVEYS; \*MANPOWER NEEDS; ON THE JOB TRAINING; \*PROGRAM EFFECTIVENESS; SECONDARY SCHOOLS; \*TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL FOLLOWUP IDENTIFIERS - \*JORDAN

ABSTRACT - TO INVESTIGATE AND ANALYZE THE ROLE OF JORDANIAN SECONDARY INDUSTRIAL SCHOOLS IN MEETING MANPOWER NEEDS AND TO DETERMINE THE RELATIVE COSTS AND EFFECTIVENESS OF OCCUPATIONAL PREPARATION THROUGH INDUSTRIAL SCHOOLS AS COMPARED WITH GENERAL SCHOOLING OR ON-THE-JOB TRAINING, FOLLOWUP QUESTIONNAIRES WERE MAILED TO 352 GRADUATES FROM TWO INDUSTRIAL SCHOOLS. THE RESPONSE REVEALED THAT 194 GRADUATES WERE EMPLOYED IN JORDAN, AND 90 OF THESE WERE SELECTED FOR FURTHER INTERVIEWS. IN ADDITION, 22 WORK-COMPANIONS AND 58 WORKERS DOING THE SAME TASKS WERE INTERVIEWED. FINDINGS CONCERNING THE UTILIZATION OF THE INDUSTRIAL SCHOOL CURRICULUM SUGGEST THAT THE MORE SPECIFIC THE TRAINING, THE LESS ITS LIKELIHOOD OF BEING RELEVANT TO ACTUAL JOB-RELATED NEEDS. THEREFORE, THE EDUCATIONAL SYSTEM SHOULD PUT LESS EMPHASIS ON SPECIFIC TRAINING AND MORE EMPHASIS ON PRODUCING READILY TRAINABLE, RATHER THAN SPECIFICALLY TRAINED, PERSONS. ALSO, A LARGE SHARE OF FUTURE GOVERNMENT INVESTMENT SHOULD BE USED TO EXPAND AND IMPROVE TRAINING OPPORTUNITIES WITHIN THE EMPLOYMENT SYSTEM. AN OCCUPATIONAL UPGRADING PROGRAM IS NEEDED IN THE PRIVATE INDUSTRIAL ESTABLISHMENTS AND WELL ORGANIZED PROGRAMS SHOULD BE ESTABLISHED FOR PUBLIC INDUSTRIES. AN OCCUPATIONAL TRAINING ORGANIZATION SHOULD BE SET UP TO ARTICULATE THE PROGRAM. A RELATED DOCUMENT IS AVAILABLE AS VT 011 966. (SD)

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INDIVIDUALS  
WITH SPECIAL NEEDS  
SECTION

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INDIVIDUALS  
WITH SPECIAL NEEDS  
SECTION

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VT 009 915

Cloward, Robert D.; Grotzke, Heinz

A Survey of Special Needs Students in Rhode Island.

Rhode Island Occupational Research and Development Coordinating Unit, Providence.  
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Aug69 23p.

DESCRIPTORS - \*SCHOOL SURVEYS; \*ACADEMIC FAILURE; \*VOCATIONAL EDUCATION; \*DISADVANTAGED YOUTH; \*STUDENT NEEDS; LOW ABILITY STUDENTS; EDUCATIONAL NEEDS; BEHAVIOR PROBLEMS; LOW MOTIVATION; EDUCATIONALLY DISADVANTAGED; CULTURALLY DISADVANTAGED  
IDENTIFIERS - RHODE ISLAND

ABSTRACT - The study sample consisted of all ninth-grade students (2,441) in the public schools of Providence and Woonsocket; Providence because it is the largest city in the state and has a large black population and Woonsocket because it is one of the larger cities in the state and has a population of economically disadvantaged whites and culturally handicapped French-speaking people of Canadian extraction. Special needs students were defined as those who had failed one or more subjects in the eighth or ninth grade or who had repeated the grade. Failure and non-failure were then cross tabulated in terms of five categories to determine the distinguishing characteristics of special needs students. The 502 Providence students with failures were categorized as follows: socioeconomic handicap--24 percent; education handicap--57 percent; low ability--20 percent; low motivation--16 percent; behavioral problems--11 percent. The 51 Woonsocket students with failures were categorized as follows: socioeconomic handicap--12 percent; educational handicap--2 percent; low ability--none; low motivation--12 percent; and behavioral problems--39 percent. Data regarding types of curriculum in which failing and non-failing students were participating are also included as well as a recommended 4-stage model vocational curriculum. Study instruments are appended. (JK)

VT 009 929

Bridging the Employment Gap: Strategies for Success, and Causes, Consequences, and Cures for Labor Turnover Problems. Manpower Contribution Number 2.

Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 22Mar68 36p.; Manpower Research Symposium (2nd, Norfolk State College, Va., March 22, 1968).

DESCRIPTORS - \*UNEMPLOYED; \*LABOR TURNOVER; NEGRO EMPLOYMENT; WORK ATTITUDES; \*MANPOWER UTILIZATION; \*DISADVANTAGED YOUTH; ON THE JOB TRAINING; SUMMER PROGRAMS

ABSTRACT - This meeting dealt first with the training and hiring of the hard-core unemployed by industry. The second part of the program involved the problem of labor turnover, including problems faced by the U.S. Army in its summer-hire programs for disadvantaged students. Commitment and attitudes were stressed as important factors in hiring the unemployed and in keeping them working. (BH)

VT 010 071

Tuma, Joseph V.

Job Training for the Disadvantaged--Are We on Target?

Office of Education (DHEW), Washington, D.C. Div. of Manpower Development and Training  
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 69 17p.

DESCRIPTORS - \*RELEVANCE (EDUCATION); VOCATIONAL EDUCATION; JOB TRAINING; \*CULTURALLY DISADVANTAGED; \*TEACHER CHARACTERISTICS; \*MANPOWER DEVELOPMENT; TEACHER EDUCATION; \*FEDERAL PROGRAMS

ABSTRACT - To focus upon teacher characteristics as an important component of relevant education for the disadvantaged, findings of studies relating to personal characteristics, values, interests and aspirations of manpower instructors are cited. Some conclusions drawn from preliminary data about these instructors are: (1) Instructors have substantial experience in a non-teaching vocation, (2) The age level is higher than that of regular teachers, (3) The level of academic achievement is lower than for regular teaching positions, and (4) Instructors feel a high degree of personal commitment to other people. (JK)



VT 010 146

Training and Technology: Organized Labor's Participation in a Training Experiment. An Experimental Manpower Development Project.

Oak Ridge Associated Universities, Tenn.  
Tennessee Univ., Knoxville.  
Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
Office of Education (DHEW), Washington, D.C.  
Department of Labor, Washington, D.C.  
Atomic Energy Commission, Oak Ridge, Tenn.  
MF AVAILABLE IN VT-ERIC SFT.  
PUB DATE - ND 25p.

DESCRIPTORS - \*MANPOWER DEVELOPMENT; \*UNDEREMPLOYED; \*UNEMPLOYED; EXPERIMENTAL PROGRAMS; TRAINING LABORATORIES; EDUCATIONAL OPPORTUNITIES; EDUCATIONAL PROGRAMS; \*TRADE AND INDUSTRIAL EDUCATION; LABOR UNIONS; \*LABOR EDUCATION  
IDENTIFIERS - \*TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Training and Technology Project (TAT) hoped to demonstrate that unemployed and underemployed persons could be prepared for entry-level jobs in a year or less through technical training in an industrial setting. Training in Phase I was conducted in two cycles, from September 1966 through September 1967 (52 weeks), and from September 1967 through July 1968 (42 weeks) in six skills--electronics, machining, welding, drafting, physical testing, and glass fabrication. This document summarizes the participation of organized labor in Phase I of TAT. Labor unions were involved in recruitment, assistance in training, participation in project experimentation and research, and union representation on the advisory committee. Local unions were given an opportunity to discuss problems concerning training, and the TAT staff attempted solutions to these problems. The International Brotherhood of Electrical Workers (IBEW) were critical of TAT on the basis of what local union members felt to be faulty information. When IBEW designated a staff member to work locally with TAT, objections were withdrawn. Labor seminars were held for the trainees to acquaint them with the role of labor unions in an industrial society. An outline of a typical seminar presentation is included. (GR)

VT 010 179

ED 042 878

PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).

PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - MAY 68 36p.

DESCRIPTORS - DEVELOPING NATIONS; \*EMPLOYMENT; \*HANDICAPPED; \*INTERNATIONAL ORGANIZATIONS; \*MANPOWER DEVELOPMENT; \*REHABILITATION  
IDENTIFIERS - ILO; INTERNATIONAL LABOR ORGANIZATION; \*UNITED NATIONS

ABSTRACT - THIS MEETING INVESTIGATED THE INVOLVEMENT OF INTERNATIONAL ORGANIZATIONS IN REHABILITATION AND THE POTENTIAL THAT EXISTS FOR INCREASED PARTICIPATION. EXPERTS FROM THE U.S. GOVERNMENT LOOKED AT THE OPERATIONS OF THE UNITED NATIONS, INCLUDING THE UNITED NATIONS EDUCATIONAL, SCIENTIFIC, AND CULTURAL ORGANIZATION (UNESCO), AND THE INTERNATIONAL LABOR ORGANIZATION (ILO) IN TERMS OF THEIR EFFORTS AT REHABILITATION AND EMPLOYMENT OF THE HANDICAPPED. THE FINDINGS PROVIDE SUPPORT FOR THE ADVOCATES OF INCREASED EFFORTS AT INTERNATIONAL REHABILITATION. (BH)

VT 010 264

ED 042 879

GOGSTAD, ANDERS C.

EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.

BERGEN UNIV. (NORWAY).  
KAROLINSKA INST., STOCKHOLM (SWEDEN).  
NORWEGIAN STATE REHABILITATION INST., BERGEN.  
DOCUMENT NOT AVAILABLE FROM EDRS.  
UNIVERSITETSPORLAGET, BOX 307, BLINDERN, OSLO, 3, NORWAY OR BOX 142, BOSTON, MASSACHUSETTS 02113 (\$8.00)  
PUB DATE - 68 155p.

DESCRIPTORS - \*FAILURE FACTORS; \*PARTICIPANT CHARACTERISTICS; \*PHYSICALLY HANDICAPPED; PSYCHOLOGICAL CHARACTERISTICS; \*REHABILITATION PROGRAMS; \*VOCATIONAL REHABILITATION

**ABSTRACT - PHYSICAL DISABILITY FROM DISEASE OR INJURY OFTEN RESULTS IN A PERMANENT STATE OF SOCIAL INSUFFICIENCY, ESPECIALLY WHEN THE DISABILITY IS REINFORCED BY INDIVIDUAL OR ENVIRONMENTAL FACTORS. IN A STUDY OF ALMOST 700 PERSONS TREATED AT A NORWEGIAN REHABILITATION CENTER, REGRESSION ANALYSIS WAS USED TO COMPARE THOSE WHO BENEFITED FROM THE PROGRAM WITH THOSE WHO DID NOT. THE HYPOTHESIS TESTED WAS BASICALLY THAT THE POPULATION REFERRED TO THE INSTITUTE DIFFERED SIGNIFICANTLY FROM THE REGION'S GENERAL POPULATION IN SEVERAL RESPECTS. THE INVESTIGATION FOUND COMPLEX RELATIONSHIPS BETWEEN VARIABLES, WITH THE MOST SIGNIFICANT FAILURE CHARACTERISTICS BEING AGE AND MENTAL DISTURBANCE. THE STUDY STRESSED THE NEED TO COUNTERACT PASSIVE DEPENDENCE, IN ORDER TO STRENGTHEN SELF-CONFIDENCE AND MOTIVATION. (BH)**

VT 010 375 ED 042 882

**REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.**

**MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.**

**EDRS PRICE MF-\$0.65 HC-\$3.29**

**PUB DATE - 68 56p.**

**DESCRIPTORS - \*DISADVANTAGED YOUTH; \*DROPOUTS; \*EMPLOYMENT PROGRAMS; \*FEDERAL PROGRAMS; GUIDANCE COUNSELING; JOB PLACEMENT; \*NEIGHBORHOOD CENTERS; TABLES (DATA)  
IDENTIFIERS - TESTING INFORMING DISCUSSING AND EVALUATING; TIDE; YOC; \*YOUTH OPPORTUNITY CENTERS**

**ABSTRACT - YOUTH OPPORTUNITY CENTERS (YOC'S) SPONSORED A TESTING, INFORMING, DISCUSSING, AND EVALUATING (TIDE) PROGRAM FOR YOUTH IN THE SUMMERS OF 1966 AND 1967. THIS REPORT PROVIDES DATA PRIMARILY ON THE SECOND PHASE OF TIDE WHICH WAS OPERATED FROM JULY TO DECEMBER OF 1967 AT 29 YOUTH CENTERS IN 22 STATES. IN THIS SECOND PART OF THE PROGRAM, 1,031 YOUTH RECEIVED EMPLOYMENT ORIENTATION TRAINING AT 32 YOC'S. THESE YOUTH WERE MAINLY DISADVANTAGED, 25 PERCENT HAD POLICE RECORDS, AND 92 PERCENT WERE SCHOOL DROPOUTS. ABOUT TWO-THIRDS OF THE TRAINEES RECEIVED SOME KIND OF AID FROM THE PROGRAM. ABOUT 20 PERCENT WERE PLACED IN JOBS, 15 PERCENT ENTERED THE JOB CORPS, 13 PERCENT RETURNED TO SCHOOL, AND 11 PERCENT WERE RECRUITED FOR MDTA VOCATIONAL TRAINING. A SUMMARY OF THE TIDE PROGRAMS FOR 1966 AND 1967 FOR ALL 32 YOC'S IS INCLUDED IN THE REPORT. THE 1966 REPORT IS AVAILABLE AS ED 014 017. (BC)**

VT 010 472

**Neighborhood Youth Corps--New Careers; Work Training Programs of the U.S. Department of Labor.**

**YMCA of Pennsylvania, Harrisburg.**

**Pennsylvania State Dept. of Public Welfare, Harrisburg.**

**Pennsylvania State Dept. of Community Affairs.**

**MF AVAILABLE IN VT-ERIC SET.**

**PUB DATE - 69 17p.**

**DESCRIPTORS - \*FEDERAL PROGRAMS; \*WORK EXPERIENCE PROGRAMS; \*DISADVANTAGED YOUTH; ENROLLMENT; TABLES (DATA); CAREER OPPORTUNITIES; MAPS  
IDENTIFIERS - \*NEIGHBORHOOD YOUTH CORPS; PENNSYLVANIA**

**ABSTRACT - The New Careers programs and the Neighborhood Youth Corps in Pennsylvania attempted to provide meaningful work experiences for disadvantaged youth in the state. Data on the type of people served, progress reports, and a financial report are included in the report. Over 8,000 people have received help from this program, operated from 1965-69. (BC)**

VT 010 712 ED 042 888

**JOHNSON, ELMER H.**

**WORK RELEASE: FACTORS IN SELECTION AND RESULTS.**

**SOUTHERN ILLINOIS UNIV., CARBONDALE. CENTER FOR THE STUDY OF CRIME, DELINQUENCY AND CORRECTIONS.**

**SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. RESEARCH AND DEMONSTRATION GRANTS.**

**EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.**

**CENTER FOR THE STUDY OF CRIME, DELINQUENCY, AND CORRECTIONS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILLINOIS 62901 (\$5.00)**

**PUB DATE - 69 292p.**

**DESCRIPTORS - \*CORRECTIONAL REHABILITATION; EMPLOYMENT OPPORTUNITIES; \*PRISONERS; \*PROBATIONARY PERIOD; \*PROGRAM EVALUATION; STATE PROGRAMS; \*WORK EXPERIENCE PROGRAMS**

ABSTRACT - AS THE FIRST SYSTEMATIC EVALUATION OF AN AMERICAN WORK-RELEASE PROGRAM, THIS INVESTIGATION EMPLOYED DATA ON ALL MALE PRISONERS PLACED ON THE PROGRAM IN NORTH CAROLINA BETWEEN 1957 AND 1963. OUTCOME WAS MEASURED AGAINST THE VARIABLES AFFECTING SELECTION FOR WORK-RELEASE. THE STUDY FOUND THAT FACTORS AFFECTING PAROLE PERFORMANCE AFTER WORK-RELEASE INCLUDE: (1) LENGTH OF TERM SERVED BEFORE WORK-RELEASE, (2) LENGTH OF TIME ON WORK-RELEASE, (3) SKILL LEVEL OF WORK-RELEASE JOB, (4) CONTINUATION OF WORK-RELEASE JOB INTO PAROLE, AND (5) RELATIONSHIP BETWEEN WORK-RELEASE AND PAROLE LOCALITY. A SAMPLE OF ORTHODOX PAROLEES WAS COMPARED WITH THE PAROLED WORK-RELEASEES TO DISCLOSE POSSIBLE DIFFERENCES IN PAROLE PERFORMANCE AND PROBLEMS RAISED DURING SUPERVISION. THE STUDY CONCLUDED THAT THE WORK-RELEASE EXPERIENCE GENERALLY BROUGHT FEWER PROBLEMS FOR THE PAROLE SUPERVISOR, IN TERMS OF TRANSGRESSIONS, MOBILITY, AND FAMILY PROBLEMS. THE PROBLEMS RAISED BY THE WORK-RELEASE PAROLEE WERE MORE LIKELY TO BE ASSOCIATED WITH BEHAVIOR CONSISTENT WITH THE ULTIMATE PURPOSE OF PAROLE. [NOT AVAILABLE IN HARD COPY DUE TO MARGINAL LEGIBILITY OF ORIGINAL DOCUMENT.] (BH)

VT 010 741 ED 042 889

ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.

NATIONAL ASSOCIATION FOR COMMUNITY DEVELOPMENT, WASHINGTON, D. C.

EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

NATIONAL ASSOCIATION FOR COMMUNITY DEVELOPMENT, 1424 16TH STREET, N.W., SUITE 401, WASHINGTON, D.C. 20036 (\$5.00)

PUB DATE - NOV 69 303P.

DESCRIPTORS - ADULT VOCATIONAL EDUCATION; \*ECONOMICALLY DISADVANTAGED; FEDERAL LAWS; \*FEDERAL LEGISLATION; INTERAGENCY COOPERATION; \*MANPOWER DEVELOPMENT; UNDEREMPLOYED; UNEMPLOYED

ABSTRACT - RECENT REDESIGNING OF MANPOWER PROGRAMS REFLECTS THE SHIFT TOWARD THE JOB AND INCOME APPROACH TO FIGHTING POVERTY. BECAUSE MONEY SPENT TO PROVIDE JOBS WILL ULTIMATELY REDUCE WELFARE COSTS, PRACTICALLY ALL MANPOWER PROGRAMS HAVE UNDERGONE OR WILL UNDERGO SIGNIFICANT REDESIGN. THIS REPORT WAS PREPARED TO SUPPLY COMMUNITY DEVELOPMENT PERSONNEL AND THE GENERAL PUBLIC WITH DETAILED INFORMATION ABOUT THESE DEVELOPMENTS AND TO PROVIDE SOME ANALYSIS OF THEIR IMPACT. MAJOR EMPHASIS IS PLACED ON THE PROPOSED MANPOWER TRAINING ACT OF 1969, BOTH BECAUSE OF ITS IMPACT AND BECAUSE IT IS TYPICAL OF PRESENT ADMINISTRATION POLICY. THIS PROPOSED ACT REPLACES PREVIOUS LEGISLATION, SUCH AS THE MANPOWER DEVELOPMENT AND TRAINING ACT OF 1962. OTHER PROGRAMS UNDER CONSIDERATION ARE THE NEIGHBORHOOD YOUTH CORPS, PUBLIC SERVICE CAREERS, AND CONCENTRATED EMPLOYMENT PROGRAMS. (BH)

VT 010 751

MacCarthy, Robert A.

The Vocational Adjustment of Special Class Students.

Massachusetts Rehabilitation Commission, Research and Program Planning Unit.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jan66 12p.

DESCRIPTORS - \*FOLLOWUP STUDIES; \*EDUCABLE MENTALLY HANDICAPPED; \*MENTAL RETARDATION; \*VOCATIONAL ADJUSTMENT; EMPLOYMENT; CULTURALLY DISADVANTAGED; LOWER CLASS; LOWER MIDDLE CLASS; INDIVIDUAL CHARACTERISTICS; FAMILY ATTITUDES

ABSTRACT - To develop knowledge and plans for a rehabilitation program, a study was made of the vocational adjustment of 52 students who had completed or terminated their special education class 4 years prior to a research and demonstration project. Vocational data were correlated with personal and family background, school achievement and activities, and employment history. Interviews with parents, students, and employment agencies revealed these characteristics: (1) The average intelligence score on the Stanford Binet was 68, and more than half had left school at 16 years of age, (2) Though socio-economic backgrounds ranged from welfare subsistence to upper middle income, the majority came from lower and lower middle income families, (3) In the background of the students were inadequate housing, broken homes, and cultural deprivation, (4) Nearly one half had found paid employment lasting 3 or more months in the first year after leaving school, (5) Two main types of employment were Unskilled factory and kitchen jobs, and (6) Vocational adjustment appeared to be more related to personality factors and family attitudes than demographic variables. The research and demonstration project is available as VT 010 944 (also in this issue). (SB)

VT 010 885

Baron, Harold M.; Hymer, Bennett

The Negro Worker in the Chicago Labor Market; A Case Study of DeFacto Segregation. Chicago Urban League's Studies of the Labor Market.



Chicago Urban League, Ill. Research Dept.  
MF AVAILABLE IN VT-ERIC SET.

R-No. 1

Chicago Urban League, 4500 South Michigan Avenue, Chicago, Illinois 60653 (no charge).  
PUB DATE - 68 60p.; Reprint from "The Negro and the American Labor Movement,"  
Julius Jacobson, Ed., N.Y. Doubleday Anchor, 1968.

DESCRIPTORS - \*DEFACTO SEGREGATION; \*NEGROES; \*NEGRO EMPLOYMENT; \*RACIAL  
DISCRIMINATION; \*EMPLOYMENT OPPORTUNITIES; EDUCATIONAL DISADVANTAGEMENT; GHETTOS  
IDENTIFIERS - CHICAGO

ABSTRACT - Segregation in the Chicago labor market has acted to make blacks second-class citizens, especially when discrimination in housing and education disqualify the black from many jobs without explicit racial discrimination in hiring practices. Geographical and educational disadvantages prevent the ghetto resident from meeting employment standards. The existing dualism in the labor market explains the apparent paradox of black unemployment existing in a tight labor market. Although discriminatory barriers to employment are being lowered, racial disparities will continue until the supply situation is improved through equality in education and integrated housing. (BH)

VT 010 944

Habif, Roberta A.

A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.

Massachusetts Rehabilitation Commission, Boston, Mass.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun68 219p.

DESCRIPTORS - \*VOCATIONAL REHABILITATION; \*HIGH SCHOOL STUDENTS; \*MENTAL RETARDATION;  
\*PROGRAM DEVELOPMENT; VOCATIONAL ADJUSTMENT; PSYCHOLOGICAL NEEDS; VOCATIONAL APTITUDE;  
EMOTIONAL ADJUSTMENT; LOWER CLASS STUDENTS; CULTURALLY DISADVANTAGED; \*COOPERATIVE  
PROGRAMS; BIBLIOGRAPHIES

ABSTRACT - Rehabilitation services were provided in school for high school students in a special class to increase their employability. To determine the success of the program, a study was made of the class, composed of 89 retardates who had measurable intelligence from 46 to 88 and mainly come from the lower socioeconomic class. The research design, answering exploratory questions concerning rehabilitation and occupational adjustment, revealed significant relationships with psychological needs, occupational aptitudes, family stability, maturity, and emotional adjustment. Program results demonstrated that these students can adequately meet social and economic demands of the competitive community when a vocational rehabilitation program is initiated. Of the students leaving the unit, 84 percent (54) were rehabilitated after three consecutive months of employment. Implications for specialized and supportive counseling, inservice training, family counseling, younger student involvement, valid work evaluation system, and postgraduate and workshop programs are discussed. A followup study is available as VT 010 751 (AUTHOR/SB).

VT 010 979

ED 042 891

LEVINE, LOUIS; NORTON, JOHN HERBERT

MANPOWER INFORMATION FOR URBAN POVERTY AREAS.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. INST. FOR RESEARCH ON HUMAN RESOURCES.  
EDRS PRICE MF-\$0.65 HC NOT AVAILABLE FROM EDRS.

INSTITUTE FOR RESEARCH ON HUMAN RESOURCES, PENNSYLVANIA STATE UNIVERSITY, 411 BOUCKE  
BUILDING, UNIVERSITY PARK, PENNSYLVANIA 16802 (\$3.00).

PUB DATE - 69 292p.

DESCRIPTORS - \*CULTURALLY DISADVANTAGED; DATA ANALYSIS; DATA COLLECTION; DATA  
PROCESSING; INFORMATION NEEDS; \*INFORMATION SOURCES; \*INFORMATION SYSTEMS; INNER CITY;  
\*MANPOWER DEVELOPMENT; PROGRAM EVALUATION; \*URBAN SLUMS  
IDENTIFIERS - PHILADELPHIA

ABSTRACT - A LACK OF DATA CONTINUES TO HINDER EFFORTS TO CURE THE PROBLEMS OF POVERTY AREAS. THIS PROJECT WAS DESIGNED TO DETERMINE POSSIBLE MEANS TO GATHER THE NEEDED DATA, SO THAT PROGRAM PLANNERS COULD MAKE DECISIONS BASED ON FACTS RATHER THAN INTUITION. ALTHOUGH THIS IS A CASE STUDY OF AN INNER-CITY POVERTY AREA OF PHILADELPHIA, THE NEED FOR DATA AND THE METHODOLOGY FOR ESTABLISHING A MANPOWER INFORMATION SYSTEM ARE DISCUSSED IN A BROAD PERSPECTIVE, SO THAT THE EXPERIENCE CAN BE GENERALIZED TO DESCRIBE ANY SIMILAR URBAN AREAS. THE SECOND PART OF THIS REPORT COMPARES ALTERNATIVE SOURCES OF MANPOWER DATA FOR THE AREA. BY FOCUSING ATTENTION ON THE DATA SYSTEMS OF LARGE



present and projected needs of the handicapped through 1975, evaluate present programs in terms of these needs, and make recommendations for the development of an adequate vocational rehabilitation system for the State of Washington. This summary report describes the commission's findings. Major recommendations include improved information systems and coordination between centers, greater cooperation with other agencies, and increased funding, especially to meet the need for more recruitment and training of personnel. (BH)

VT 011 156 ED 043 733  
RIESSMAN, FRANK  
NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.

RANDOLPH (A. PHILLIP) EDUCATIONAL FUND, NEW YORK, N.Y.  
DOCUMENT NOT AVAILABLE FROM EDRS.  
A. PHILIP RANDOLPH EDUCATIONAL FUND, 260 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10010  
(\$ .50)  
PUB DATE - [67] 29p.

DESCRIPTORS - ADULT VOCATIONAL EDUCATION; CAREER OPPORTUNITIES; EDUCATIONALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; \*FEDERAL PROGRAMS; \*JOB DEVELOPMENT; \*MANPOWER UTILIZATION; ON THE JOB TRAINING; \*POVERTY PROGRAMS; PROMOTION (OCCUPATIONAL); SELF HELP PROGRAMS; \*UNEMPLOYED  
IDENTIFIERS - \*NEW CAREERS

ABSTRACT - THE NEW CAREERS CONCEPT INVOLVES HELPING THE DISADVANTAGED TO HELP THEMSELVES BY OFFERING THEM ENTRY LEVEL JOBS WITH THE OPPORTUNITY FOR TRAINING AND ADVANCEMENT. NEW CAREERS PROVIDES THE MEANS TO UPGRADE FROM ENTRY LEVEL TO PROFESSIONAL OCCUPATIONS, WITH TIME MADE AVAILABLE DURING THE WORK DAY FOR THE EDUCATION AND TRAINING NECESSARY FOR ADVANCEMENT. A DEFINITE HIERARCHY IS ESTABLISHED, WITH SPECIFIC TASKS AND EDUCATIONAL REQUIREMENTS DEFINED FOR EACH LEVEL, SO THAT NO JOB IS A DEAD-END JOB. THIS PROGRAM NOT ONLY PROVIDES NEW JOBS PROTECTED AGAINST AUTOMATION, BUT IT HELPS THE PROFESSIONS INVOLVED AS WELL, BY RELIEVING CRITICAL MANPOWER SHORTAGES AND FREEING PROFESSIONALS FOR MORE CREATIVE WORK. (BH)

VT 011 266  
Helping the Handicapped in Rural Areas.

Department of Agriculture, Washington, D.C. Federal Extension Service.  
Social and Rehabilitation Service (DHEW), Washington, D.C.  
Bureau of Employment Security (DOL), Washington, D.C.  
President's Committee on Employment of the Handicapped, Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(A1.68:860, \$.10).  
PUB DATE - Apr68 15p.

DESCRIPTORS - \*VOCATIONAL REHABILITATION; \*HANDICAPPED; \*REHABILITATION COUNSELING; REHABILITATION PROGRAMS; COMMUNITY ATTITUDES; COUNSELING SERVICES; COMMUNITY SERVICES; COMMUNITY ACTION

ABSTRACT - In every community, there are handicapped citizens capable of useful work and a normal life. Handicapped persons, if they are to get the vocational rehabilitation to make employment possible, must first be put in touch with the agencies that offer rehabilitative services. Individuals and organizations can help the handicapped, not only by having a positive attitude, but also by directing them to available sources of assistance, boosting community acceptance, involving handicapped people in activities, and promoting their rehabilitation and employment within various segments of the community. Suggestions for community activities and a discussion of the eligibility and services available through vocational rehabilitation are included. (SB)

VT 011 293  
Special Job Creation for the Hard-to-Employ in Western Europe. Manpower Research Monograph No. 14.

Manpower Administration (DOL), Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(L1.39/3:14, \$.10).  
PUB DATE - 70 46p.

DESCRIPTORS - \*EMPLOYMENT PROGRAMS; \*DISADVANTAGED GROUPS; \*DEVELOPED NATIONS; \*JOB DEVELOPMENT; EMPLOYMENT LEVEL; \*MANPOWER DEVELOPMENT; MANPOWER UTILIZATION; UNSKILLED

PUBLIC AGENCIES, SUCH AS EDUCATIONAL AND LAW ENFORCEMENT SERVICES, THE RESEARCHERS FOUND A VAST QUANTITY OF UNTABULATED DATA. SIMILARITIES DISCOVERED IN TYPES OF DATA GATHERED AND IN PROBLEMS ENCOUNTERED BY THE DIFFERENT AGENCIES INDICATE THAT A GOOD POTENTIAL EXISTS FOR INTERAGENCY COOPERATION TO PROVIDE EFFICIENTLY AN IMPROVED DATA SYSTEM. (BH)

VT 011 004 ED 042 892

RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.

NEW YORK STATE SENATE, ALBANY.  
EDRS PRICE MF-\$0.65 HC-\$6.58  
PUB DATE - JUN 69 132P.

DESCRIPTORS - DISADVANTAGED GROUPS; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PATTERNS; \*LABOR MARKET; \*MANPOWER DEVELOPMENT; \*MANPOWER NEEDS; MANPOWER UTILIZATION; NEGRO EMPLOYMENT; \*OCCUPATIONAL MOBILITY; \*UNEMPLOYED; VOCATIONAL EDUCATION

ABSTRACT - THIS REPORT CULMINATES 2 YEARS OF A MAJOR POLICY INQUIRY INTO NEW YORK'S MANPOWER PROBLEMS BY THE STATE SENATE'S SPECIAL SENATE COMMITTEE ON MANPOWER. PART ONE GIVES DATA SHOWING UNEMPLOYMENT BY OCCUPATION, RACE, EDUCATION, AND PLACE OF RESIDENCE. THE EFFECTS ON THE DISADVANTAGED OF CHANGING EMPLOYMENT PATTERNS ARE DEMONSTRATED, AND VARIOUS MANPOWER PROGRAMS ARE EVALUATED. PART TWO DISCUSSES THE IMPLICATIONS OF THESE FINDINGS FOR WELFARE, UNEMPLOYMENT INSURANCE, AND MANPOWER DEVELOPMENT PROGRAMS. FOR POLICY AND PLANNING THE COMMITTEE RECOMMENDS A CENTRAL MANPOWER ADVISORY BOARD COMPOSED OF INDUSTRY, LABOR, ACADEMIC, AND GOVERNMENT EXPERTS CAPABLE OF FORMULATING A COMPREHENSIVE MANPOWER DEVELOPMENT PLAN. POLICY SHOULD CONCENTRATE ON MAKING EMPLOYMENT MORE ATTRACTIVE THAN WELFARE, AND IMPROVING THE STRUCTURAL IMBALANCE OF THE LABOR MARKET BY IMPROVING THE SKILLS OF SURPLUS MANPOWER AND OFFERING A LABOR EXCHANGE TO IMPROVE MOBILITY. AN INDEPENDENT AND PERMANENT SOURCE OF FUNDS IS NEEDED TO SUPPLEMENT STATE AND FEDERAL FUNDS AND MIGHT BE ACQUIRED THROUGH A SPECIAL UNEMPLOYMENT INSURANCE TAX PAYABLE BY THE EMPLOYER AS AN INVESTMENT IN A MORE EFFECTIVE EMPLOYMENT SERVICE PROGRAM. (BH)

VT 011 014

These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.

President's Committee on Employment of the Handicapped, Washington, D.C.  
President's Committee on Mental Retardation, Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 25p.

DESCRIPTORS - \*MANPOWER DEVELOPMENT; \*MENTAL RETARDATION; \*EDUCATIONAL NEEDS; \*VOCATIONAL REHABILITATION; EDUCATIONAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; CHARTS; EQUAL OPPORTUNITIES (JOBS)

ABSTRACT - This publication points out some directions America should follow in opening the doors of free and equal citizenship to the mentally retarded. There are job openings for the mentally retarded, and a growing number of employers are willing to hire them. Often there are not enough trained retarded workers ready for available jobs. The retarded can do the work, but sometimes they have trouble with social and personal adjustment to the job. Proposals for preparing the mentally retarded for work are grouped under: (1) early preparation, (2) education and training, (3) medical rehabilitation, (4) employment, (5) independent or sheltered living, and (6) promotion and education. Facts about mental retardation and program and information sources are provided in chart form. (SB)

VT 011 090

Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.

Governor's Planning Commission for Vocational Rehabilitation, Olympia, Wash.  
MF AVAILABLE IN VT-ERIC SET.  
Division of Vocational Rehabilitation, P.O. Box 528, Olympia, Washington, 98501 (no charge).  
PUB DATE - 68 49p.

DESCRIPTORS - \*PROGRAM PLANNING; \*VOCATIONAL REHABILITATION; \*HANDICAPPED; \*DISADVANTAGED GROUPS; PROGRAM COORDINATION; \*STATE PROGRAMS  
IDENTIFIERS - WASHINGTON

ABSTRACT - This 2-year study was undertaken by the 15-member commission to estimate

present and projected needs of the handicapped through 1975, evaluate present programs in terms of these needs, and make recommendations for the development of an adequate vocational rehabilitation system for the State of Washington. This summary report describes the commission's findings. Major recommendations include improved information systems and coordination between centers, greater cooperation with other agencies, and increased funding, especially to meet the need for more recruitment and training of personnel. (BH)

VT 011 156 ED 043 733

RIESSMAN, FRANK

NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.

RANDOLPH (A. PHILLIP) EDUCATIONAL FUND, NEW YORK, N.Y.

DOCUMENT NOT AVAILABLE FROM EDRS.

A. PHILIP RANDOLPH EDUCATIONAL FUND, 260 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10010 (\$1.50)

PUB DATE - [67] 29p.

DESCRIPTORS - ADULT VOCATIONAL EDUCATION; CAREER OPPORTUNITIES; EDUCATIONALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; \*FEDERAL PROGRAMS; \*JOB DEVELOPMENT; \*MANPOWER UTILIZATION; ON THE JOB TRAINING; \*POVERTY PROGRAMS; PROMOTION (OCCUPATIONAL); SELF HELP PROGRAMS; \*UNEMPLOYED  
IDENTIFIERS - \*NEW CAREERS

ABSTRACT - THE NEW CAREERS CONCEPT INVOLVES HELPING THE DISADVANTAGED TO HELP THEMSELVES BY OFFERING THEM ENTRY LEVEL JOBS WITH THE OPPORTUNITY FOR TRAINING AND ADVANCEMENT. NEW CAREERS PROVIDES THE MEANS TO UPGRADE FROM ENTRY LEVEL TO PROFESSIONAL OCCUPATIONS, WITH TIME MADE AVAILABLE DURING THE WORK DAY FOR THE EDUCATION AND TRAINING NECESSARY FOR ADVANCEMENT. A DEFINITE HIERARCHY IS ESTABLISHED, WITH SPECIFIC TASKS AND EDUCATIONAL REQUIREMENTS DEFINED FOR EACH LEVEL, SO THAT NO JOB IS A DEAD-END JOB. THIS PROGRAM NOT ONLY PROVIDES NEW JOBS PROTECTED AGAINST AUTOMATION, BUT IT HELPS THE PROFESSIONS INVOLVED AS WELL, BY RELIEVING CRITICAL MANPOWER SHORTAGES AND FREEING PROFESSIONALS FOR MORE CREATIVE WORK. (BH)

VT 011 266

Helping the Handicapped in Rural Areas.

Department of Agriculture, Washington, D.C. Federal Extension Service.

Social and Rehabilitation Service (DHEW), Washington, D.C.

Bureau of Employment Security (DOL), Washington, D.C.

President's Committee on Employment of the Handicapped, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A1.68:860, \$.10).

PUB DATE - Apr68 15p.

DESCRIPTORS - \*VOCATIONAL REHABILITATION; \*HANDICAPPED; \*REHABILITATION COUNSELING; REHABILITATION PROGRAMS; COMMUNITY ATTITUDES; COUNSELING SERVICES; COMMUNITY SERVICES; COMMUNITY ACTION

ABSTRACT - In every community, there are handicapped citizens capable of useful work and a normal life. Handicapped persons, if they are to get the vocational rehabilitation to make employment possible, must first be put in touch with the agencies that offer rehabilitative services. Individuals and organizations can help the handicapped, not only by having a positive attitude, but also by directing them to available sources of assistance, boosting community acceptance, involving handicapped people in activities, and promoting their rehabilitation and employment within various segments of the community. Suggestions for community activities and a discussion of the eligibility and services available through vocational rehabilitation are included. (SB)

VT 011 293

Special Job Creation for the Hard-to-Employ in Western Europe. Manpower Research Monograph No. 14.

Manpower Administration (DOL), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L1.39/3:14, \$.10).

PUB DATE - 70 46p.

DESCRIPTORS - \*EMPLOYMENT PROGRAMS; \*DISADVANTAGED GROUPS; \*DEVELOPED NATIONS; \*JOB DEVELOPMENT; EMPLOYMENT LEVEL; \*MANPOWER DEVELOPMENT; MANPOWER UTILIZATION; UNSKILLED



WORKERS; HANDICAPPED  
IDENTIFIERS - \*WESTERN EUROPE

ABSTRACT - Europe's greater emphasis on full employment shows up not only in unemployment rates lower than those in the United States, but also in stronger programs of job creation for the hard-to-employ. Special public works programs, which provide jobs for those who are unemployed because of structural, regional, or seasonal factors, accomplish socially desirable projects in addition to freeing the unemployed from the stigma of welfare. These projects have the added attraction of having quite flexible impact, both in magnitude and in geographic or occupational effect. In addition to public works projects, several countries have undertaken large-scale programs of sheltered employment for the handicapped. Even when individual benefits are ignored, program costs are at least partially offset by benefits to society, including increased output and a shift from transfer payments to tax receipts as the handicapped become wage earners. These experiences should be useful to American manpower planners. (BH)

VT 011 328 ED 043 735  
OPERATION JOB START. FINAL REPORT.

HUMAN DEVELOPMENT AND EDUCATION CORP., PATTERSON, N.J.  
MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C.  
EDRS PRICE MF-\$0.65 HC-\$6.58  
PUB DATE - FEB 69 139P.

DESCRIPTORS - \*COUNSELING PROGRAMS; \*DISADVANTAGED YOUTH; \*EMPLOYER ATTITUDES;  
\*EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PROGRAMS; MANPOWER UTILIZATION; NEGATIVE  
ATTITUDES; UNEMPLOYMENT; \*WORK ATTITUDES; YOUTH OPPORTUNITIES

ABSTRACT - OPERATION JOB START IS AN EXPERIMENTAL PROJECT WHICH SEEKS TO RECONCILE THE OPPOSING ATTITUDES OF UNEMPLOYED YOUTH, WHO FEEL THAT NO MEANINGFUL EMPLOYMENT OPPORTUNITIES EXIST FOR THEM, AND THE EMPLOYERS WHO BELIEVE THAT THESE YOUTH WOULD NOT MAKE GOOD EMPLOYEES. IN ORDER TO BRING THE TWO GROUPS TOGETHER, FOUR MAJOR AREAS ARE EMPHASIZED: (1) EFFORTS TO CHANGE THE ATTITUDES OF BOTH EMPLOYERS AND YOUTH, (2) MANAGEMENT ASSISTANCE TO MODIFY JOBS, (3) A COUNSELING PROGRAM FOR YOUTH PARTICIPANTS DURING THE FIRST 3 MONTHS AFTER PLACEMENT, AND (4) UNIFORM CRITERIA TO EVALUATE INDIVIDUAL ADJUSTMENT AND COMPANY EFFORTS. THE FINDINGS INCLUDE OBSERVATIONS ABOUT THE JOB ADJUSTMENT OF DISADVANTAGED YOUTH, EVALUATION OF THE PROJECT, AND RECOMMENDED CHANGES FOR FUTURE EFFORTS. THE REPORT STRESSES THE NEED FOR GREATER APPLICATION OF THE PRINCIPLES OF HUMAN RELATIONS, SUPERVISION, AND PERSONNEL PSYCHOLOGY TO THE NEEDS OF DISADVANTAGED YOUTH. (BH)

VT 011 474 ED 042 904  
MANN, LOUIS, AND OTHERS  
CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-2-7-070348-2698 08  
BR-7-0348

PUB DATE - 69 194P.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*ECONOMICALLY DISADVANTAGED; EMPLOYMENT  
OPPORTUNITIES; \*FEDERAL PROGRAMS; \*INTERAGENCY COORDINATION; \*RURAL DEVELOPMENT  
IDENTIFIERS - \*CONCERTED SERVICES IN TRAINING AND EDUCATION; CSTE; RDC; RURAL  
DEVELOPMENT COMMITTEE

ABSTRACT - THE CONCERTED SERVICES IN TRAINING AND EDUCATION (CSTE) PROGRAM WAS DESIGNED AT THE FEDERAL LEVEL TO COORDINATE THE RESOURCES OF ALL APPROPRIATE FEDERAL AGENCIES AND RELATED STATE AGENCIES IN RURAL DEVELOPMENT. THE PILOT MINNESOTA PROGRAM FOCUSED ON ALTERNATIVE STRATEGIES IN AREA DEVELOPMENT, SPECIFICALLY A RURAL OUTMIGRATION AREA WITH LOW INCOME, UNDEREMPLOYMENT, AND LACK OF INDUSTRY. THIS EVALUATION RATES THE MINNESOTA CSTE PROGRAM IN TERMS OF ITS PERFORMANCE OF FOUR FUNCTIONS: RESEARCH, COORDINATION, EDUCATION, AND DEVELOPMENT. THE PROGRAM WAS JUDGED SUCCESSFUL IN IDENTIFYING THROUGH THE RESEARCH FUNCTION THE OPPORTUNITIES AVAILABLE TO THE DISADVANTAGED. ON THE BASIS OF THE PRIORITIES ESTABLISHED BY RESEARCH, RESOURCES OF VARIOUS PUBLIC AND PRIVATE AGENCIES WERE COMBINED TO FILL NEEDS FOR TRAINING AND JOB DEVELOPMENT IN THE COORDINATING FUNCTION, WHICH WAS CONSIDERED TO BE OF MAJOR IMPORTANCE. A RANDOMLY SELECTED SAMPLE OF TRAINEES RESPONDED FAVORABLY TO THE VARIOUS TRAINING OPPORTUNITIES, AND SHOWED OPTIMISM ABOUT THEIR FUTURES. RELATED DOCUMENTS IN THIS ISSUE ARE VT 011 475-476, AND VT 011 403-404. (BH)



VT 011 475 ED 042 905  
SMITH, J. VERNON, AND OTHERS  
CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH  
AND DEVELOPMENT REPORT NO. 6.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$6.58 OFG-2-7-070348-2698 08  
BR-7-0348

PUB DATE - 69 106p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*ECONOMICALLY DISADVANTAGED; \*EMPLOYMENT  
OPPORTUNITIES; \*FEDERAL PROGRAMS; INTERAGENCY COORDINATION; \*PROGRAM EVALUATION; \*RURAL  
DEVELOPMENT  
IDENTIFIERS - \*CONCERTED SERVICES IN TRAINING AND EDUCATION; CSTE; RDC; RURAL  
DEVELOPMENT COMMITTEE

ABSTRACT - THE CONCERTED SERVICES IN TRAINING AND EDUCATION (CSTE) PROGRAM WAS DESIGNED  
AT THE FEDERAL LEVEL TO COORDINATE THE RESOURCES OF ALL APPROPRIATE FEDERAL AND STATE  
AGENCIES IN RURAL DEVELOPMENT. THE PILOT ARKANSAS PROGRAM FOCUSED ON THE PROBLEMS OF A  
RURAL OUTMIGRATION AREA CHARACTERIZED BY LOW INCOME, UNDEREMPLOYMENT, AND LACK OF  
INDUSTRY. EVALUATION OF THIS PROGRAM WAS MADE FROM BOTH ANALYSIS OF THE CHANGES IN THE  
AREA'S SOCIOECONOMIC PROFILE, AND EXTENSIVE REPORTS DERIVED FROM INTERVIEWS,  
DISCUSSIONS, AND QUESTIONNAIRES GIVEN TO COMMUNITY LEADERS, TRAINEES, GRADUATES, AND A  
CONTROL GROUP. THIS EVALUATION RATES THE ARKANSAS CSTE PROGRAM IN TERMS OF ITS  
PERFORMANCE OF FOUR FUNCTIONS: RESEARCH TO IDENTIFY AVAILABLE OPPORTUNITIES,  
COORDINATION BETWEEN PUBLIC AND PRIVATE MANPOWER PROGRAMS, VOCATIONAL TRAINING, AND  
DEVELOPMENT. ALTHOUGH THE PROGRAM WAS FOUND TO BE GENERALLY SUCCESSFUL, AREAS FOR  
IMPROVEMENT WERE DISCOVERED. IN PARTICULAR, MORE CARE SHOULD BE GIVEN TO PREPARING  
TRAINEES FOR FIELDS IN WHICH THERE ARE VACANCIES. RELATED DOCUMENTS IN THIS ISSUE ARE  
VT 011 403-404 AND VT 011 474-475. (BH)

VT 011 579  
Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in  
Ohio.

Ohio State Civil Rights Commission, Columbus. Research and Survey Dept.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jun68 62p.

DESCRIPTORS - \*EMPLOYMENT OPPORTUNITIES; \*MINORITY GROUPS; \*SERVICE OCCUPATIONS;  
\*QUESTION ANSWER INTERVIEWS; NEGRO EMPLOYMENT; \*EQUAL OPPORTUNITIES (JOBS); RACIAL  
DISCRIMINATION; \*EMPLOYMENT PATTERNS  
IDENTIFIERS - OHIO

ABSTRACT - This study was conducted to document factually the existence of employment  
discrimination in the hotel, motel, and restaurant industry. Data were gathered from  
questionnaires and interviews with a random sample of roughly 10 percent of a total  
population of employers representing more than 3,000 businesses in the 48 cities  
selected for the study. The Commission discovered that: (1) Nonwhite employers were  
heavily concentrated in positions out of contact with the public, (2) Some employers  
feared problems with the use of nonwhites, (3) Wages were generally lower for  
nonwhites, and (4) Incumbent employee referral tended to perpetuate barriers to  
nonwhite employment. The report recommended that communication with employers and trade  
associations could help end discrimination through cooperation, and that community  
councils and educational programs should be established to increase public awareness of  
the problem. (BH)

VT 011 630 ED 042 055  
ORNSTEIN, MICHAEL D.; ROSSI, PETER H.  
GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR  
FORCE.

JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF  
SCHOOLS.  
OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-061610-0207 24  
R-75 BR-6-1610  
PUB DATE - AUG 70 79p.

DESCRIPTORS - COMPARATIVE ANALYSIS; CULTURAL BACKGROUND; EDUCATIONAL BACKGROUND; \*EDUCATIONALLY DISADVANTAGED; \*EMPLOYMENT OPPORTUNITIES; ENTRY WORKERS; EQUAL OPPORTUNITIES (JOBS); \*NEGRO EMPLOYMENT; \*PROMOTION (OCCUPATIONAL); \*RACIAL DISCRIMINATION; SAMPLING

ABSTRACT - TO TRACE THE PROCESS WHEREBY AMERICANS ENTER THE LABOR FORCE, WORK AND EDUCATION HISTORIES WERE COLLECTED FROM A RANDOM SAMPLE OF ABOUT 1,600 AMERICANS, WITH BLACKS OVERSAMPLED. THE TWO VARIABLES EXAMINED MOST CLOSELY WERE RACE AND SOCIAL CLASS. THE LEVEL OF ENTRY INTO THE LABOR FORCE AS MEASURED BY OCCUPATIONAL PRESTIGE WAS FOUND TO BE STRONGLY AFFECTED BY THE RACE AND EDUCATIONAL ATTAINMENT OF THE INDIVIDUAL; FOR WHITES IT WAS ALSO AFFECTED BY PRE-ENTRY WORK EXPERIENCE. SOCIAL CLASS HAD LITTLE EFFECT. WHEN SUBSEQUENT JOBS WERE EXAMINED, THE PROCESS OF ENTRY WAS SHOWN TO HAVE A CONTINUING AND SIGNIFICANT EFFECT ON OCCUPATIONAL ATTAINMENT; WHILE THE EFFECT OF EDUCATIONAL ATTAINMENT QUICKLY DIMINISHED, THAT OF PREVIOUS JOBS INCREASED, PARTICULARLY FOR BLACKS. CONTROLLING FOR EDUCATIONAL EXPERIENCE AND FAMILY BACKGROUND STATUS, BLACKS ARE CLEARLY DISADVANTAGED. THEY ARE SUCCESSIVELY WORSE OFF COMPARED TO WHITES AT EACH STAGE OF THEIR OCCUPATIONAL HISTORIES; THE MORE SCHOLING THEY RECEIVE, THE GREATER THE GAP. THESE LAST FINDINGS ARE TAKEN AS EVIDENCE OF INSTITUTIONAL FACISM IN THE AMERICAN LABOR MARKET. (AUTHOR/BH)

VT 011 658

Weissman, Harold H., Ed.

Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.

Mobilization for Youth, Inc., New York, N.Y.

DOCUMENT NOT AVAILABLE FROM EDRS.

Association Press, 291 Broadway, New York, New York 10007 (12.95).

PUB DATE - 69 220p.

DESCRIPTORS - \*DISADVANTAGED YOUTH; \*YOUTH EMPLOYMENT; \*POVERTY PROGRAMS; \*MANPOWER DEVELOPMENT; \*PROGRAM DESCRIPTIONS; YOUTH PROGRAMS; INNER CITY; EDUCATIONAL IMPROVEMENT IDENTIFIERS - \*MOBILIZATION FOR YOUTH; MFY

ABSTRACT - Mobilization for Youth (MFY), which is a multidiscipline social agency located on New York's Lower East Side, Emphasizes demonstration, research, and social action in eliminating poverty. This pioneer inner city youth project views delinquency as a result of disparity between aspirations and opportunities. Consequently, MFY stresses the need for broad social, economic, and institutional reform. To accomplish its goals, MFY offers a broad variety of services, including employment, legal, educational, psychological, and social services. The 18 papers in this volume describe the techniques and methods used in the project. Part I describes employment opportunities, including training programs and job placement by MFY. Part II describes educational opportunities, including MFY efforts to improve curriculum and teaching quality in inner city schools. (BH)

VT 011 700 ED 043 749

MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.

CALIFORNIA SOCIETY OF PSYCHIATRIC TECHNICIANS, SACRAMENTO.

NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, SACRAMENTO, CALIF.

EDRS PRICE MF-\$0.65 HC-\$6.58

NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, 11TH AND L BUILDING, MAIN FLOOR, SACRAMENTO, CALIFORNIA 95814 (\$2.25)

PUB DATE - JUN 70 141p.; PRESENTATION MADE AT THE JOINT ANNUAL NAPT-CSPT CONVENTION-INSTITUTE (LOS ANGELES, OCT. 3-5, 1969)

DESCRIPTORS - ALCOHOLISM; CRISIS THERAPY; DRUG ABUSE; \*HEALTH OCCUPATIONS; \*INSTITUTES (TRAINING PROGRAMS); JOB ANALYSIS; JOB DEVELOPMENT; MANPOWER NEEDS; MENTAL RETARDATION; \*PSYCHIATRIC AIDES; SPEECHES; \*SUBPROFESSIONALS; \*WORKSHOPS IDENTIFIERS - NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY; \*PSYCHOSOCIAL PROBLEMS

ABSTRACT - PRESENTATIONS MADE AT INSTITUTES AND WORKSHOPS CONDUCTED BY THE NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY (NAPT) ARE INCLUDED IN THIS PUBLICATION. DRUG ABUSE, ALCOHOLISM, CRISIS INTERVENTION, MENTAL RETARDATION, AND MENTAL HEALTH MANPOWER WERE THE THEMES FOR THESE PRESENTATIONS: (1) "MENTAL HEALTH TRENDS IN CALIFORNIA" BY G. DUFFY, (2) "THE DRUG EPIDEMIC OF 1962" BY J. T. UNGERLEIDER, (3) "THE TREATMENT AND PREVENTION OF ABUSE OF ALCOHOL, NARCOTICS, LSD, AND OTHER DRUGS" BY J. FORT, (4) "COMPREHENSIVE PLANNING FOR ALCOHOLISM PROGRAMS" BY N. KHOURY, (5) "TREATMENT AND MANAGEMENT OF ALCOHOLICS" BY K. S. DITMAN, (6) "SUICIDE AND CRISIS INTERVENTION: CONCEPTS AND PRACTICE" BY S. M. HEILIG, (7) "A PLANNING MODEL FOR THE DEVELOPMENT OF COMPREHENSIVE SERVICE FOR THE MENTALLY RETARDED" BY I. MOORING, (8) "THE NORTH CAROLINA DEPARTMENT OF MENTAL HEALTH CAREER LADDER: A CONCEPT AND AN ACTIVITY" BY J. L.

MONCRIEF, AND (9) "THE APPLICATION OF SENSITIVITY TRAINING TECHNIQUES" BY U. RUEVENI. INFORMATION ABOUT THE NAPT AND OTHER NAPT PUBLICATIONS IS INCLUDED. (SB)

VT 011 701 ED 043 750

COLEMAN, JAMES S., AND OTHERS

OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.

JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS.

OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-061610-0207 24

R-76

BR-6-1610

PUB DATE - AUG 70 66P.

DESCRIPTORS - \*ACADEMIC ACHIEVEMENT; CAUCASIANS; COMPARATIVE ANALYSIS; EDUCATIONAL BENEFITS; \*EDUCATIONAL STATUS COMPARISON; NEGRO EMPLOYMENT; \*NEGROES; \*PROMOTION (OCCUPATIONAL); RACIAL DISCRIMINATION; \*SUCCESS FACTORS

ABSTRACT - RETROSPECTIVE LIFE HISTORY DATA ARE USED IN THIS ANALYSIS OF THE MECHANISMS WHICH LEAD TO DIFFERENTIAL LEVELS OF OCCUPATIONAL SUCCESS. THE PAPER IS BASED ON DATA COLLECTED FROM A COHORT OF BLACK MEN AND A COHORT OF NONBLACK MEN, AGED 30-39 IN 1968. THE MEASURE OF OCCUPATIONAL ACHIEVEMENT USED THROUGHOUT IS THE OCCUPATIONAL STATUS OF THE FIRST JOB HELD AFTER LAST LEAVING FULLTIME EDUCATION AND THE STATUS OF THE JOB HELD 10 YEARS LATER. THE ANALYSIS SHOWS THAT EDUCATIONAL LEVEL FAR OUTWEIGHS OTHER BACKGROUND CHARACTERISTICS IN DETERMINING THE OCCUPATIONAL STATUS OF THE FIRST JOB. PARTLY DUE TO OCCUPATIONAL DISCRIMINATION, THE VALUE OF EDUCATION IN TERMS OF THE STATUS IT BRINGS IS ABOUT TWICE AS GREAT FOR NONBLACKS AS FOR BLACKS. THIS DIFFERENCE IN THE EFFECTS OF EDUCATION, COMBINED WITH LOWER EDUCATIONAL ATTAINMENT BY BLACKS, RESULTS IN CONSIDERABLY LOWER STATUS LEVELS. AFTER 10 YEARS, THE STATUS OF NONBLACKS SHOWED AN INCREASE OF 30.8 PERCENT, WHEREAS THAT OF BLACKS INCREASED 15.9 PERCENT. THE STUDY FOUND THAT ROUGHLY HALF OF THE DIFFERENCE IN STATUS CHANGE WAS DUE TO ORIGINAL LEVELS OF RESOURCES AND THE REMAINDER WAS DUE TO THE DIFFERENTIAL EFFICACY OF THESE RESOURCES. THE EFFICACY OF INTERVENING EVENTS SUCH AS ON-THE-JOB TRAINING SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN BLACKS AND NONBLACKS. (AUTHOR/BH)

VT 011 708 ED 042 916

BRANDON, GEORGE L., ED.

RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C. NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-070633 08

BR-7-0633

AMERICAN VOCATIONAL JOURNAL; V43 N6 PP41-56 SEP 1970

PUB DATE - SEP 70 16P.

DESCRIPTORS - \*BIBLIOGRAPHIES; CITY GOVERNMENT; \*DISADVANTAGED GROUPS; EDUCATIONAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; \*MANPOWER DEVELOPMENT; \*RESEARCH REVIEWS (PUBLICATIONS); UNEMPLOYED; VOCATIONAL ADJUSTMENT; \*VOCATIONAL EDUCATION

ABSTRACT - THE 16 RESEARCH REVIEWS WHICH PERTAIN TO VOCATIONAL EDUCATION FOR THE DISADVANTAGED ARE ORGANIZED UNDER THESE TOPICS: (1) MANPOWER DEVELOPMENT, WHICH REVIEWS MANPOWER FORECASTING, EMPLOYER POLICIES AND PRACTICES, AND TRAINING IN SELECTED APPRENTICEABLE TRADES, (2) TRAINING THE DISADVANTAGED, WHICH DISCUSSES THE EFFECT OF PREVOCATIONAL TRAINING AND FAMILY SERVICE COUNSELING, MOTIVATING TRAINEES, ADAPTING MILITARY INSTRUCTION FOR THOSE WITH LOW MENTAL ABILITY, WORK ADJUSTMENT OF HARDCORE UNEMPLOYED, EMPLOYMENT OPPORTUNITIES PROVIDED BY MUNICIPAL GOVERNMENTS, INDUSTRY HIRING REQUIREMENTS, AND EFFECTIVENESS OF A COMPREHENSIVE MANPOWER PROJECT, AND (3) TRAINING DISADVANTAGED YOUTH, WHICH INCLUDES A REVIEW OF THE NEIGHBORHOOD YOUTH CORPS AND ITS BENEFITS, A TEACHER EDUCATION SEMINAR, AND PROBLEMS IN TRANSITION FROM SCHOOL TO WORK. "PLAIN TALK," A CONTINUING COLUMN BY THE EDITOR, DISCUSSES THE FUTURE OF THE "RESEARCH VISIBILITY" SERIES, G.I. RESEARCH, AND WOMANPOWER. AN ADDITIONAL 18 STUDIES AND ORDERING INFORMATION ARE INCLUDED IN THE BIBLIOGRAPHY. (SB)

VT 011 715

Project PRIDE (Prescribed Reinforcement Involving Differentiated Education). An Experimental Project.

Federal Youth Center, Ashland, Ky. Educational Development Center.  
MF AVAILABLE IN VT-ERIC SET.



PUB DATE - 70 44p.

DESCRIPTORS - \*EXPERIMENTAL PROGRAMS; \*LOW ACHIEVERS; \*PROGRAM DESCRIPTIONS; \*ACADEMIC EDUCATION; \*CORRECTIVE INSTITUTIONS; CORRECTIONAL EDUCATION; ACADEMICALLY HANDICAPPED; DELINQUENTS

ABSTRACT - Education within the correctional framework traditionally has aimed at the high achiever, thereby accentuating the behavioral problems and negative attitudes of the less gifted. This project chose participants who lacked motivation and ability in an attempt to reach the alienated majority of delinquents. The 16 participants spent 50 percent of their time on reading, and 25 percent each on math and English. The 12-week course produced measurable results in terms of scores on the General Educational Development Test and the Stanford Achievement Test. The improved performances on these tests led to the conclusion that inferior programing and planning contribute more than poor student to academic failure. (BH)

VT 011 724 ED 042 918

HOLCOMB, BEVERLY J.

TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.

ARKANSAS STATE DEPT. OF EDUCATION, LITTLE ROCK. DIV. OF VOCATIONAL EDUCATION.  
ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE.  
EDRS PRICE MF-\$0.65 HC-\$9.87  
PUB DATE - JUN 69 221P.

DESCRIPTORS - ABSTRACTS; ANNOTATED BIBLIOGRAPHIES; \*BIBLIOGRAPHIES; \*DROPOUTS; \*ECONOMICALLY DISADVANTAGED; EDUCATIONAL NEEDS; PROGRAM DEVELOPMENT; \*SOCIOALLY DISADVANTAGED; \*VOCATIONAL EDUCATION  
IDENTIFIERS - ARKANSAS; RESEARCH COORDINATING UNITS (RCU)

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY PRESENTS A COLLECTION OF READINGS WHICH SHOULD BE OF INTEREST TO PERSONS CHARGED WITH THE RESPONSIBILITY OF PLANNING PROGRAMS DEALING WITH THE EDUCATION, COUNSELING, AND SOCIALIZATION OF THE SOCIOECONOMICALLY DISADVANTAGED. TAKEN FROM VARIOUS SOURCES, THIS COLLECTION CONTAINS: (1) CURRENT READINGS, (2) A LISTING OF TITLES OF RESERVE ARTICLES AND PUBLICATIONS AVAILABLE IN THE ARKANSAS RESEARCH COORDINATING UNIT (RCU) LIBRARY, (3) SELECTED ABSTRACTS FROM THE MICROFICHE COLLECTION ON THE DISADVANTAGED AVAILABLE IN THE SAME RCU LIBRARY, AND (4) OTHER BIBLIOGRAPHIES ON THE DISADVANTAGED GLEANED FROM VARIOUS SOURCES. THE ENTRIES ARE ARRANGED IN CATEGORIES INCLUDING (1) TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED, (2) DISADVANTAGED GROUPS AND HARD-CORE UNEMPLOYED DROP-OUTS, (3) HARD-CORE UNEMPLOYMENT: A SELECTED, ANNOTATED BIBLIOGRAPHY, (4) SCHOOL DESEGREGATION: CHANGING POLICIES AND PRACTICES, AND (5) OTHER BIBLIOGRAPHIES. ARRANGED BY AUTHOR, THE ENTRIES PROVIDE DOCUMENT INFORMATION SUCH AS THE DATE, TITLE, AND PAGE NUMBERS. (AUTHOR/JS)

VT 011 739

Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.

Atomic Energy Commission, Washington, D.C.  
Appalachian Regional Commission, Washington, D.C.  
Department of Labor, Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Aug70 20p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*CULTURALLY DISADVANTAGED; \*INDIVIDUAL CHARACTERISTICS; \*EMPLOYMENT OPPORTUNITIES; \*SKILLED OCCUPATIONS; GRADUATE SURVEYS; EMPLOYMENT POTENTIAL; INTERAGENCY COOPERATION  
IDENTIFIERS - \*TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Training and Technology (TAT) Project is developed to explore ways to utilize available industrial resources in meeting national needs for skilled manpower. This report describes the effects of TAT's Working Training Program on persons recruited from 60 disadvantaged Appalachian counties. Composite data, as well as individual characteristics, are provided for the sample. The 157 trainees considered in this study represent all program graduates from these low income counties in 1969 and the first half of 1970. Although most of the trainees were high school graduates, testing revealed that many were performing below the Grade 9 level in reading and/or math. The study determined that a 6-month training program combining educational and industrial resources can provide Appalachians with technical job skills for careers in industry. Most graduates remained in Appalachia, but at a much higher income, and with greater participation in political and religious affairs. (BH)



VT 011 740

Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).

Oak Ridge Associated Universities, Tenn.  
 Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
 Tennessee Univ., Knoxville.  
 Department of Labor, Washington, D.C.  
 Atomic Energy Commission, Oak Ridge, Tenn.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - Jul70 31p.

DESCRIPTORS - \*COMPETITIVE SELECTION; \*CULTURALLY DISADVANTAGED; \*ADULT VOCATIONAL EDUCATION; \*POVERTY PROGRAMS; \*EVALUATION TECHNIQUES; RECRUITMENT; SKILLED OCCUPATIONS IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT

ABSTRACT - In order to avoid an excessive dropout rate, Training and Technology (TAT) evaluates each applicant's potential for completing the Worker Training Program. In addition to completing aptitude tests and application forms to provide information on interest and ability, the applicant is encouraged to make an evaluation, based on literature and tours provided by TAT. Forms and letters are appended. (BH)

VT 011 751

Myers, Robin, And Others  
 Black Builders; A Job Program that Works.

League for Industrial Democracy, New York, N.Y.  
 Taconic Foundation  
 MF AVAILABLE IN VT-ERIC SET.  
 League for Industrial Democracy, 112 East 19th Street, Room 1104, New York, New York 10003.  
 PUB DATE - ND 141p.

DESCRIPTORS - \*APPRENTICESHIPS; \*NEGROES; \*EQUAL OPPORTUNITIES (JOBS); \*BUILDING TRADES; LABOR UNIONS; NEGRO EMPLOYMENT; FOUNDATION PROGRAMS; DISADVANTAGED YOUTH; \*RACIAL DISCRIMINATION

ABSTRACT - Economic inequality has proved to be more stubborn than legal barriers in preventing equal rights for blacks. Despite the opening of apprenticeships in the building trades to blacks, there has been little change in the racial composition of apprentices. Not only are many inner city blacks unable to meet minimum educational requirements, but often they do not even know that the opportunity exists to apply for apprenticeship. The Joint Apprenticeship Program of the Workers Defense League and the A. Philip Randolph Educational Fund was established to help solve these problems through its five objectives: (1) to insure that blacks and Puerto Ricans are aware of training opportunities, (2) to serve as a public watchdog on government agencies concerned with these objectives, (3) to coordinate with other agencies concerned with youth employment, (4) to serve as a general clearinghouse and information center on apprenticeship training, and (5) to coordinate with other programs directed at the total environment of disadvantaged youth. This account traces the program's history from its inception and outlines the techniques and strategies which have made it so successful that it has served as the model for similar operations in at least 40 other cities. (BH)

VT 011 810

The Teacher of Home Economics; Reaching Out to Those We Teach.

Home Economics Education Association, Washington, D.C.  
 MF AVAILABLE IN VT-ERIC SET.  
 Home Economics Education Association, National Education Association, Washington, D.C. (\$1.50).  
 PUB DATE - May69 32p.

DESCRIPTORS - \*HOME ECONOMICS TEACHERS; \*TEACHER ATTITUDES; \*TEACHING TECHNIQUES; \*STUDENT NEEDS; \*DISADVANTAGED GROUPS; HOME ECONOMICS EDUCATION

ABSTRACT - To determine how teachers can effectively guide students in meeting their needs, inquiries were sent to over 200 home economics teachers, most of whom were vocational educators working in special programs with disadvantaged youth and adults. This publication contains excerpts from 11 response letters, most beginning with a description of the community, school, and students, followed by ideas and attitudes

about helping students. Some of the letters particularly reveal what the majority of home economics teachers feel for their students--warm affection, concern, understanding, and acceptance. (SB)

VT 011 817 ED 043 763

KOPEL, BERNICE HELPF

HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - JUL 70 147P.

DESCRIPTORS - \*COLLEGE CURRICULUM; DISADVANTAGED GROUPS; DOCTORAL THESES; EDUCATIONAL NEEDS; \*FOODS INSTRUCTION; \*HOME ECONOMICS EDUCATION; \*LOW INCOME GROUPS; \*NUTRITION INSTRUCTION

IDENTIFIERS - \*OKLAHOMA

ABSTRACT - TO IDENTIFY IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM, MULTIPLE-CHOICE QUESTIONNAIRES WERE DEVELOPED TO PROVIDE GENERAL CHARACTERISTICS OF HOME ECONOMISTS AND THE CONCERNS THEY HAD IN THEIR WORK WITH LOW-INCOME FAMILIES. JOB CONCERNS WERE RANKED AND ANALYZED ACCORDING TO THE DEGREE OF CONCERN EXPRESSED BY THE 129 RESPONDENTS (70.8 PERCENT) IN RELATION TO UNDERSTANDING LOW-INCOME INDIVIDUALS, PLANNING PROGRAMS AND TEACHING METHODS FOR LOW-INCOME GROUPS, KNOWLEDGE OF SUBJECT MATTER, AND EVALUATION OF PROGRAMS. OF GREATEST CONCERN TO THE HOME ECONOMISTS WERE HAVING FOOD AND NUTRITION KNOWLEDGE IN REGARD TO LOW-COST AND COMMODITY FOODS, DETERMINING HOW TO TEACH NUTRITION AND PLAN FOOD AND NUTRITION PROGRAMS FOR LOW-INCOME GROUPS, AND UNDERSTANDING THE PEOPLE WITH WHOM THEY WORK. THE DEGREE OF CONCERN FOR ASPECTS OF THE JOB WERE MOST OFTEN SIGNIFICANTLY AFFECTED BY THE LENGTH OF TIME SINCE THE HOME ECONOMISTS HAD ENROLLED FOR COLLEGE CREDIT AND THE EXTENT TO WHICH TRAINING HAD ASSISTED THEM IN THEIR WORK. AN EMPHASIS ON METHODS OF TEACHING FOOD AND NUTRITION IN A KNOWLEDGEABLE AND STIMULATING WAY WAS IMPLIED FROM THE FINDINGS, AND A BEHAVIORAL SCIENCE EMPHASIS WAS IMPLIED AS ONE MEANS OF HELPING STUDENTS UNDERSTAND LOW-INCOME GROUPS. THIS ED.D. DISSERTATION WAS SUBMITTED TO THE OKLAHOMA STATE UNIVERSITY. (AUTHOR/SB)

VT 011 824

Burrows, Nona L.; Craig, William N.

Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component. Final Report.

Pittsburgh, Pa. School of Education.

Department of Health, Education, and Welfare, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Oct69 110p.

DESCRIPTORS - \*EDUCATIONAL OPPORTUNITIES; VOCATIONAL EDUCATION; \*DEAF; EDUCATIONAL PROGRAMS; \*VOCATIONAL SCHOOLS; ADMINISTRATIVE CHANGE; TEACHING MODELS; \*VOCATIONAL REHABILITATION; \*DEAF EDUCATION

ABSTRACT - Present educational programs for the deaf do not provide the skills and knowledge necessary for deaf people to reach their potential as productive employees. This 5-year project is designed to demonstrate the feasibility of using existing vocational and technical schools and junior colleges to serve graduates of secondary programs for the deaf. This report describes the research component of the project, the aims of which are: (1) to identify the changes which must be made by both administration and the deaf students, (2) to develop new teaching procedures, and (3) to discover problems common to deaf people in a regular vocational school setting and recommend remedial action for them. The report describes the experience of the pilot program at Delgado College in New Orleans, including personnel, job descriptions, and student characteristics. Explanation of the tests and questionnaires used for evaluation is contained in the appendixes. (BH)

VT 011 827

Croley, Doris M.

The General Education Development (GED) Program at Training and Technology.

Atomic Energy Commission, Oak Ridge, Tenn.

Department of Labor, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Aug70 44p.

DESCRIPTORS - \*JOB TRAINING; TECHNICAL EDUCATION; \*DROPOUT PROGRAMS; DROPOUT PROBLEMS; \*EMPLOYMENT OPPORTUNITIES; TESTS; EQUIVALENCY TESTS; VOCATIONAL EDUCATION; \*PROGRAM DESCRIPTIONS; \*MANPOWER DEVELOPMENT

ABSTRACT - The high school dropout has had many doors closed to him including those to vocational schools, colleges, and employment. Therefore, in an effort that started with an attempt to assist certain World War II veterans in overcoming the hurdle of not having a high school diploma, the General Education Development (GED) high school equivalency program was initiated in 1945. One such center was established in 1968 at the Technology and Training (TAT) project, a manpower development program at Oak Ridge, Tennessee. The high school dropout who secures an equivalency diploma and graduates from TAT enters the job market with an average salary significantly higher than those TAT graduates who do not secure the equivalency diploma. Operational procedures related to these programs are included in this report. (JS)

VT 011 854

Home Economics and the Disadvantaged.

Northern Illinois Univ., DeKalb.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 162p.; Report of a Workshop (Northern Illinois Univ., DeKalb, June 15-16, 1970).

DESCRIPTORS - \*WORKSHOPS; \*HOME ECONOMICS EDUCATION; \*DISADVANTAGED YOUTH; ANNOTATED BIBLIOGRAPHIES; \*CURRICULUM GUIDES; EDUCABLE MENTALLY HANDICAPPED; RURAL YOUTH; INNER CITY; SOCIAL INTEGRATION; \*INSTRUCTIONAL AIDS

ABSTRACT - A 12-day workshop attended by 14 home economists, was held to improve understanding of disadvantaged pupils and the methods to be used with them. Topics are: (1) Home Economics and the Educable Mentally Handicapped (EMH), which includes a definition and characteristics of the EMH, general teaching principles, objectives, teaching aids, and learning experiences for two units, grooming and child development, (2) Integration of the Disadvantaged in Suburban Schools, which provides suggested objectives, learning experiences, supplemental aids, and evaluation for a number of concepts, (3) Personal Development Unit for Rural Disadvantaged Pupils in Home Economics, which includes student activities, teaching methods, bulletin board ideas, and student and teacher references, and (4) A Child Development Curriculum Guide for Eighth Graders in the Inner City, which includes objectives, generalizations, learning experiences and instructional aids. An annotated bibliography prepared by the participants is included. (58)

VT 011 858

Overman, Robert W., Jr.

Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).

Southern Regional Education Board, Atlanta, Ga.

Economic Development Administration (DOC), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun70 85p.

DESCRIPTORS - \*SERVICE OCCUPATIONS; \*UNSKILLED WORKERS; \*EDUCATIONALLY DISADVANTAGED; \*EMPLOYMENT OPPORTUNITIES; \*EDUCATIONAL NEEDS; \*MANPOWER NEEDS; \*MANPOWER DEVELOPMENT; INTERAGENCY COOPERATION

ABSTRACT - In order to demonstrate the value of training for the service occupations, this study analyzes four occupations chosen on the basis of (1) projected manpower needs over the next decade, (2) minimal skill requirements, and (3) appeal to the disadvantaged. The four occupations, including maids, food service workers, hospital aides, and janitors, require only short-term training to provide work orientation and skill training. Specific recommendations for training programs for each occupation involve combinations of government agencies, community service organizations, labor organizations, and the private sector. A successful training program must include: (1) training which stresses general employability skills, proper attitudes and work orientation, (2) employer education and cooperation, and (3) a followup program. (8H)

VT 011 866

Two Years of Outreach, 1968-1970.

Veterans Administration, Washington, D.C. Office of the Administrator of Veterans Affairs.

MF AVAILABLE IN VT-ERIC SET.



PUB DATE - 70 49p.

DESCRIPTORS - \*TRAINING ALLOWANCES; STATISTICAL SURVEYS; \*JOB TRAINING; \*VETERANS; \*VETERANS EDUCATION; EMPLOYMENT LEVEL; WAGES; PARTICIPATION; \*EDUCATIONAL BENEFITS; INFORMATION NEEDS; FOLLOWUP STUDIES

ABSTRACT - Because recent veterans did not know of the special benefits accruing to them, the Veterans Administration (VA) decided to go directly to the men separating from the services and provide them with information concerning such things as the G.I. Bill and rehabilitation services. As a followup, the VA surveyed a sample of 14,200 veterans by questionnaire and developed a profile of recently discharged veterans. This profile shows that: (1) 16.1 percent had less than a high school education, (2) nine of ten veterans were employed at the time of the survey, and (3) nearly one of four veterans received training under a VA program. Data is also presented on the current rate of earnings, reasons for nonparticipation in training benefits, and the extent of contact between the VA and the veteran. (JS)

VT 011 867

Paulkner, Rosemary; Connor, Thomas R.  
Evaluation of a Program of Training for Day Care Attendants.

Prince Edward Island NewStart, Inc., Montague (Canada).  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 33p.

DESCRIPTORS - \*PROGRAM EVALUATION; \*OCCUPATIONAL HOME ECONOMICS; EDUCATIONAL PROGRAMS; \*CHILD CARE WORKERS; \*DISADVANTAGED GROUPS; \*RURAL AREAS; DAY CARE SERVICES; JOB TRAINING; WORK EXPERIENCE PROGRAMS; OUT OF SCHOOL YOUTH

ABSTRACT - To demonstrate that rural disadvantaged young women can be trained for employment as day care attendants, nine women who had previously received training in basic education and life skills were selected for a 420-hour training program which consisted of 3 weeks of orientation and observation of operating centers, 2 weeks of intensive theory, and 11 weeks of supervised work experience and classroom instruction. Data were gathered on the need for day care centers, trainee employment stability, and child care ability. Analyses of coded observations pertaining to verbal interaction with children revealed that trainee ratings were higher for encouraging interaction, developing concepts, and encouraging speaking than for instruction, reading, and setting limits. Analysis of non-verbal interaction revealed higher ratings for supervising the children than for listening. Observations of changes in trainees' appearance and attitudes revealed that they became more orderly in their dress and personal appearance and also more patient, out-going, and understanding. The objective data do not support the statement that trainees improved in their ability as child care attendants. Though the program was successful, much more firm evidence is needed. (SB)

VT 011 875 ED 043 772

THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.  
EDRS PRICE MF-\$0.65 HC-\$6.58  
PUB DATE - APR 70 180p.

DESCRIPTORS - \*CULTURALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; \*EMPLOYMENT PROGRAMS; \*FEDERAL PROGRAMS; MANPOWER DEVELOPMENT; \*ON THE JOB TRAINING; \*PROGRAM EVALUATION

IDENTIFIERS - \*JOB OPPORTUNITIES IN THE BUSINESS SECTOR

ABSTRACT - THE JOB OPPORTUNITIES IN THE BUSINESS SECTOR (JOBS) PROGRAM HAS SHOWN SINCE ITS ESTABLISHMENT IN 1968 THAT A PROGRAM INVOLVING HIRING FIRST, AND THEN TRAINING, CAN BE SUCCESSFUL. MANY EMPLOYERS WITH JOBS CONTRACTS HAVE INSTITUTED EFFECTIVE PROGRAMS TO BRING THE DISADVANTAGED INTO THE LABOR FORCE. HOWEVER, THERE HAS BEEN INADEQUATE SUPERVISION OF PARTICIPATING EMPLOYERS. NOT ONLY HAVE SOME WELL-INTENTIONED EMPLOYERS DISPLAYED A LACK OF UNDERSTANDING IN DEALING WITH THE DISADVANTAGED, BUT OTHER LESS WELL-INTENTIONED CONTRACTORS HAVE USED THE PROGRAM TO CUT COSTS OR SOLVE PERSONNEL PROBLEMS SUCH AS LABOR SHORTAGES DURING A TIGHT LABOR MARKET. AS THE ECONOMY SLOWS DOWN, MANY EMPLOYERS MAY FIND THE PROGRAM TOO COSTLY, EVEN WITH GOVERNMENT SUBSIDY. A MORE DETAILED ANALYSIS WILL BE NECESSARY TO FULLY EVALUATE THE JOBS PROGRAM. (BH)

VT 011 937

Connor, Thomas R., And Others  
Some Results of a Training Program for Non-Professional Medical Personnel.



Prince Edward Island NewStart, Inc., Montague (Canada).

MF AVAILABLE IN VT-ERIC SET.

Research Librarian, Prince Edward Island NewStart, Inc., P.O. Box 1000, Montague, Prince Edward Island, Canada (no charge).

PUB DATE - ND 31p.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*DISADVANTAGED GROUPS; MALES; PARAMEDICAL OCCUPATIONS; NONPROFESSIONAL PERSONNEL; ADULT BASIC EDUCATION; \*JOB TRAINING; \*ATTENDANT TRAINING; REMEDIAL ARITHMETIC; REMEDIAL READING; \*INTERPERSONAL COMPETENCE; EDUCATIONAL PROGRAMS  
IDENTIFIERS - \*CANADA

ABSTRACT - To improve the employment level and stability of rural residents of Kings County, Prince Edward Island, 10 males were selected for a 12-week program of basic education, social development, and occupational training as institutional attendants. Analysis of the project concluded that significant gains in knowledge were made only in the occupational training area and that there was some success in placing these individuals in this type of employment. Long term success was not achieved, due to environmental conditions. (AUTHOR)

VT 012 031

Feldman, Marvin J.

Vocational Education and Poverty.

Office of Economic Opportunity, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 16Oct70 25p.; Speech Presented to the Welfare Federation of Cleveland, Manpower Planning and Development Commission (Cleveland, Oct. 16, 1970).

DESCRIPTORS - \*VOCATIONAL EDUCATION; SPEECHES; \*ECONOMIC DISADVANTAGEMENT; \*EDUCATIONAL PROBLEMS; TEACHER EDUCATION; CURRICULUM DEVELOPMENT; ATTITUDES; EDUCATIONAL OPPORTUNITIES; EDUCATIONAL PROGRAMS; PUBLIC OPINION

ABSTRACT - In searching for a better way to overcome poverty, education seems to offer promise, but poverty does not respond to conventional education. What is needed is a national system of vocational education. However, vocational education has been stifled by an attitude which dismisses it as something for the misfit, the disciplinary problem, or the dull child, and this lack of prestige makes it difficult to recruit teachers, achieve better standards, prepare good curriculums, or enroll students. Better understanding and appreciation of the objectives of vocational education by the general public, government, and educators are needed to enhance prestige. Teacher training and recruitment are problem areas because the vocational teacher must not only have the ability to teach but also have experience in the occupational specialty. For some vocational areas, there are no training institutions nor training teachers. In the area of curriculum, there are few institutions or centers concerned with curriculum development or improvement. In order to accomplish fulfillment of individual potential, several programs are suggested. (SB)

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RESEARCH DESIGN,  
DEVELOPMENT AND UTILIZATION  
SECTION

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VT 007 344 ED 043 728

MATHER, MARY E., ED.

HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.

AMERICAN HOME ECONOMICS ASSOCIATION, WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

AMERICAN HOME ECONOMICS ASSOCIATION, 1600 TWENTIETH STREET, N.W., WASHINGTON, D.C.  
20009 (\$1.50)

PUB DATE - 68 66P.

DESCRIPTORS - \*ABSTRACTS; ADULT EDUCATION; \*BIBLIOGRAPHIES; DOCTORAL THESES;  
EVALUATION; \*HOME ECONOMICS EDUCATION; MASTERS THESES; METHODS RESEARCH; PROGRAM  
PLANNING; \*RESEARCH; \*RESEARCH REVIEWS (PUBLICATIONS); TEACHER EDUCATION

ABSTRACT - THIS COMPILATION OF 107 ABSTRACTS OF RESEARCH IN HOME ECONOMICS EDUCATION  
COMPLETED IN 1967 CONTAINS 11 DOCTORAL AND 96 MASTER'S STUDIES SUBMITTED BY 27  
INSTITUTIONS. THEY ARE CLASSIFIED ACCORDING TO: (1) ADMINISTRATION, (2) PROGRAM  
PLANNING; SECONDARY, COLLEGE, AND ADULT PROGRAMS, (3) EVALUATION; SECONDARY, COLLEGE,  
AND ADULT EDUCATION, (4) METHODS AND MATERIAL, (5) TEACHER EDUCATION, AND (6)  
MISCELLANEOUS. AN ALPHABETICAL INDEX OF AUTHORS ACCOMPANIED BY DISSERTATION OR THESIS  
TOPICS ARE INCLUDED IN THE DOCUMENT. (FP)

VT 009 688 ED 034 053

LOUDERMILK, KENNETH M.

IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.

IDAHO OCCUPATIONAL RESEARCH COORDINATING UNIT, MOSCOW.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-4-7-063014-1590 08

BR-6-30 14

PUB DATE - AUG 69 21P.

DESCRIPTORS - \*RESEARCH COORDINATING UNITS; \*RESEARCH PROJECTS; \*VOCATIONAL EDUCATION;  
WORKSHOPS

IDENTIFIERS - \*IDAHO

ABSTRACT - THIS FINAL REPORT FOR THE IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL  
EDUCATION WHICH COVERS THE LAST 11 MONTHS SINCE THE LAST INTERIM REPORT HAS  
IMPLICATIONS FOR PAST ACCOMPLISHMENTS AND THE FUTURE OUTLOOK OF THE UNIT. THE MAJOR  
PURPOSE OF THE UNIT WAS TO HELP MAINTAIN AND DEVELOP ALL PROGRAMS OF VOCATIONAL  
EDUCATION IN IDAHO BY CONDUCTING, COORDINATING, AND STIMULATING RESEARCH AND BY  
PROVIDING RESEARCH CONSULTING SERVICES. THE UNIT ENGAGED IN 18 RESEARCH PROJECTS, THE  
RESULTS OF WHICH WERE REPORTED IN 20 RESEARCH PUBLICATIONS. SEVERAL CONFERENCES AND  
WORKSHOPS WERE HELD, THE MOST IMPORTANT OF WHICH WAS A WORKSHOP FOR TRAINING IN METHODS  
OF VOCATIONAL RESEARCH. RECOMMENDATIONS CONCERNING THE ROLE AND FUNCTIONS OF THE UNIT  
ARE DISCUSSED. FOR A VARIETY OF REASONS, BUT PRIMARILY DUE TO THE SHORTAGE AND  
UNCERTAINTY OF RESEARCH FUNDS, THE UNIT WILL BE MOVED FROM THE COLLEGE OF EDUCATION,  
UNIVERSITY OF IDAHO, TO THE IDAHO STATE BOARD FOR VOCATIONAL EDUCATION, BOISE, IDAHO.  
(JK)

VT 010 587 ED 042 886

CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.

WISCONSIN UNIV., MADISON. INDUSTRIAL RELATIONS RESEARCH INST.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - NOV 69 80P.

DESCRIPTORS - CONFERENCES; \*EDUCATIONAL RESEARCH; GRADUATE STUDY; INFORMATION  
RETRIEVAL; \*INFORMATION SERVICES; PUBLICATIONS; \*RESEARCH PROJECTS; \*VOCATIONAL  
EDUCATION

ABSTRACT - THE FUNCTIONS OF THE CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL  
EDUCATION, ESTABLISHED UNDER A FORD FOUNDATION GRANT AT THE UNIVERSITY OF WISCONSIN IN  
1964, ARE TO EXAMINE, EVALUATE, AND FURTHER THE DEVELOPMENT OF THE NATION'S SYSTEM OF  
OCCUPATIONAL EDUCATION BY RESEARCH, GRADUATE STUDY, CONFERENCES, ESTABLISHMENT OF A  
NATIONAL DEPOSITORY OF REFERENCE MATERIALS, AND DISSEMINATION OF PUBLICATIONS. THE  
REPORT CONTAINS INFORMATION ON RESEARCH AND PUBLICATIONS ON VOCATIONAL EDUCATION, AND  
ON THREE CONFERENCES HELD AT THE UNIVERSITY OF WISCONSIN DURING FISCAL YEAR 1969. LISTS  
OF GRADUATE RESEARCH AND PUBLICATIONS OF RESEARCH ACTIVITIES AT THE CENTER ARE ALSO  
INCLUDED. (BC)

VT 011 333 ED 042 896

REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).

NATIONAL MANPOWER POLICY TASK FORCE, WASHINGTON, D.C.  
MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. OFFICE OF MANPOWER RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - OCT 69 54p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*DOCTORAL THESES; FEDERAL PROGRAMS; \*GRADUATE STUDENTS; INCENTIVE GRANTS; \*LABOR ECONOMICS; RESEARCH; \*RESEARCH PROJECTS

ABSTRACT - EACH YEAR, RECIPIENTS OF THE MANPOWER ADMINISTRATION DOCTORAL DISSERTATION GRANTS FOR MANPOWER RESEARCHERS DISCUSS THEIR RESEARCH FINDINGS AT A CONFERENCE IN WASHINGTON, D.C. IN ADDITION TO SERVING AS FORUMS FOR THE INTERCHANGE OF IDEAS, THESE CONFERENCES ALSO PROVIDE AN OPPORTUNITY FOR PARTICIPANTS TO MEET THEIR PEERS AND EXPERIENCED MANPOWER SPECIALISTS. THE CONFERENCES ALSO GIVE GOVERNMENT MANPOWER PEOPLE A CHANCE TO ASSESS FIRST-HAND THE CAPABILITIES OF THE NEW RESEARCHERS. THE 1969 CONFERENCE WAS DIVIDED INTO SIX WORKING SESSIONS: (1) PROFESSIONAL AND TECHNICAL MANPOWER, (2) MOBILITY AND MIGRATION, (3) URBAN LABOR MARKET PROBLEMS, (4) WORK INCENTIVES, MOTIVATION, AND JOB SATISFACTION, (5) THEORETICAL LABOR MARKET ANALYSIS, AND (6) PUBLIC AND PRIVATE EFFORTS TO ALLEVIATE MANPOWER PROBLEMS. THE CONFERENCE PROGRAM, INCLUDING 15-MINUTE PRESENTATIONS BY THE 36 ATTENDING GRANT RECIPIENTS, IS CONTAINED IN THE APPENDIX TO THE REPORT. (BH)

VT 011 638

Brown, Walter; Tuckman, Bruce W.

A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.

Rutgers, The State Univ., New Brunswick, N.J. Dept. of Vocational-Technical Education.  
New Jersey State Dept. of Education, Trenton. Div. of Vocational Education.  
MF AVAILABLE IN VT-ERIC SFT.

PUB DATE - Mar70 8p.; Delivered at A.E.R.A. Convention (Minneapolis, Minn., Mar. 3, 1970).

DESCRIPTORS - \*FOOD SERVICE OCCUPATIONS; ANALYSIS OF VARIANCE; \*COMPARATIVE ANALYSIS; STUDENTS; EDUCATIONAL PROGRAMS; VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*BEHAVIORAL OBJECTIVES; MODELS; \*EDUCATIONAL RESEARCH

ABSTRACT - To develop the model, a committee of experts prepared a listing of desired outcome capabilities for vocational education program graduates. A process of behavioral analysis was applied to each item on the list to eliminate duplicated critical behaviors and to improve test reliability because true test items need not be revealed to the subject. As a test of the model, New Jersey's pilot commercial food services programs were evaluated. Four reference groups were chosen, including trainees in the pilot programs, trainees from the regular programs, untrained students from the same schools, and experienced food service workers. The results confirmed the model's validity. (BH)

VT 011 652

Miklius, W., And Others

A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.

Hawaii Univ., Honolulu. Economic Research Center.  
Hawaii State Commission on Manpower and Full Employment, Honolulu  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Nov69 160p.

DESCRIPTORS - \*LABOR ECONOMICS; EMPLOYMENT PROJECTIONS; \*TECHNOLOGICAL ADVANCEMENT; EMPLOYMENT LEVEL; \*SKILL OBSOLESCENCE; PRODUCTIVITY; AUTOMATION; ECONOMIC PROGRESS; VOCATIONAL RETRAINING; EMPLOYMENT PATTERNS; \*MATHEMATICAL MODELS; \*METHODOLOGY

ABSTRACT - As a result of a growing feeling that a society which benefits from technological change should aid the losers in minimizing their losses, The Economic Research Center was asked to conduct a study on the manpower situation in Hawaii. This report provides the framework for the study by identifying the questions to be asked and developing the methodology with which to answer them. After reviewing the literature on trends in labor productivity in Hawaii, a new model was developed based on cross section data, measuring each factor's contribution to an increase in productivity. Several measures may be used to minimize the impact of technological



change on the worker displaced by the substitution of capital for labor. Because these measures require forecasting of manpower skill requirements, the Center developed methodology for studies to forecast the timing of major technical innovations and changes in demand in the product market. (BH)

VT 011 879 ED 043 773

GORMAN, ANNA M.

REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-3-7-000158-2037 24  
BR-7-0158

THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210  
PUB DATE - OCT 70 155P.

DESCRIPTORS - \*CONFERENCE REPORTS; CONSUMER ECONOMICS; \*CONSUMER EDUCATION; CURRICULUM DEVELOPMENT; \*EDUCATIONAL RESEARCH; \*HOMEMAKING EDUCATION; OCCUPATIONAL HOME ECONOMICS; RESEARCH DESIGN; RESEARCH METHODOLOGY; \*RESEARCH NEEDS; RESEARCH PROBLEMS; TEACHER EDUCATION

ABSTRACT - TO DETERMINE PRIORITIES FOR CRITICAL PROBLEMS FACING CONSUMER AND HOMEMAKING EDUCATION AND PLAN RESEARCH PROJECTS WHICH FOCUS ON THESE CRITICAL PROBLEMS, A 5-DAY CONFERENCE WAS ATTENDED BY 107 VOCATIONAL-TECHNICAL EDUCATION SPECIALISTS AND EDUCATORS. CONFERENCE SESSIONS WERE PLANNED TO (1) IDENTIFY CRITICAL RESEARCH PROBLEM AREAS AND PREPARE A PRIORITY LIST, (2) DESCRIBE RESEARCH STRATEGIES, METHODOLOGIES, AND INSTITUTIONAL-STATE RESOURCES TO CONTRIBUTE TO THE SOLUTION OF THESE PROBLEMS, (3) DETERMINE LINES OF COORDINATION FOR COMPLETION OF RESEARCH PROJECTS, AND (4) DISSEMINATE CONFERENCE PROCEEDINGS. ACTIVITIES INCLUDED PANEL DISCUSSIONS AND REACTIONS, GROUP WORK, AND THESE PRESENTATIONS: (1) "THE CHALLENGE OF BEING ONE" BY A.J. MILLER, (2) "WHAT'S WRONG (RIGHT) WITH EVALUATION" BY J. WALKER, (3) "SIMULATION MATERIALS AND TECHNIQUES: INSTRUCTIONAL TOOLS FOR VOCATIONAL EDUCATION LEADERSHIP PREPARATION" BY D.L. WARD, (4) "THE DELPHI TECHNIQUE: A TOOL FOR INQUIRY," BY K.E. GRAY, (5) "DEVELOPING A RESEARCH PROBLEM" BY F.C. PRATZNER, AND (6) "DIFFERENTIATED STAFFING FOR VOCATIONAL AND TECHNICAL EDUCATION IN THE COMMUNITY JUNIOR COLLEGE" BY J.P. ARNOLD. (SB)

VT 011 962 ED 043 782

INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.

MARYLAND STATE DEPT. OF EDUCATION, BALTIMORE.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-1-9-300196-2435(085) 03  
BR-9-0196

PUB DATE - AUG 70 24P.

DESCRIPTORS - CURRICULUM DEVELOPMENT; DATA COLLECTION; EDUCATIONAL COORDINATION; \*EDUCATIONAL RESEARCH; EVALUATION; FINANCIAL SUPPORT; \*OBJECTIVES; \*RESEARCH COORDINATING UNITS; \*RESEARCH DESIGN; \*RESEARCH NEEDS; RESEARCH PROJECTS; TECHNICAL EDUCATION; VOCATIONAL EDUCATION  
IDENTIFIERS - \*MARYLAND

ABSTRACT - ORIGINALLY FUNDED UNDER THE VOCATIONAL EDUCATION ACT OF 1963 AND SUBSEQUENTLY UNDER PART C OF THE 1968 AMENDMENTS, THE MARYLAND RESEARCH COORDINATING UNIT (RCU) STARTED OPERATION IN JANUARY 1969 BY RECRUITING A STAFF AND SECURING THE NECESSARY EQUIPMENT. ONCE THESE NEEDS WERE SATISFIED THE MAJOR ACTIVITIES OF THE STAFF EVOLVED AROUND (1) STATE PLAN DEVELOPMENT, (2) THE DESIGN OF DATA AND INFORMATION COLLECTION INSTRUMENTS TO FACILITATE PLANNING, EVALUATION, AND REPORTING, (3) THE DESIGN OF AN EVALUATION SYSTEM, (4) WORK PRELIMINARY TO THE DESIGN OF RESEARCH IN HEALTH OCCUPATIONS AND INDUSTRIAL ARTS, AND (5) RESEARCH ASSOCIATED WITH THE APPLIED MATHEMATICS CURRICULUM DEVELOPMENT. FUTURE ACTIVITIES INCLUDE RECOMMENDED RESEARCH IN THE AREAS OF OCCUPATIONAL PROGRAMS, ORGANIZATION AND ADMINISTRATION OF PROGRAMS, AND REGIONAL OR STATE-WIDE EVALUATION STUDIES. (AUTHOR/JS)

DESCRIPTORS - COMPARATIVE ANALYSIS; CULTURAL BACKGROUND; EDUCATIONAL BACKGROUND; \*EDUCATIONALLY DISADVANTAGED; \*EMPLOYMENT OPPORTUNITIES; ENTRY WORKERS; EQUAL OPPORTUNITIES (JOBS); \*NEGRO EMPLOYMENT; \*PROMOTION (OCCUPATIONAL); \*RACIAL DISCRIMINATION; SAMPLING

ABSTRACT - TO TRACE THE PROCESS WHEREBY AMERICANS ENTER THE LABOR FORCE, WORK AND EDUCATION HISTORIES WERE COLLECTED FROM A RANDOM SAMPLE OF ABOUT 1,500 AMERICANS, WITH BLACKS OVERSAMPLED. THE TWO VARIABLES EXAMINED MOST CLOSELY WERE RACE AND SOCIAL CLASS. THE LEVEL OF ENTRY INTO THE LABOR FORCE AS MEASURED BY OCCUPATIONAL PRESTIGE WAS FOUND TO BE STRONGLY AFFECTED BY THE RACE AND EDUCATIONAL ATTAINMENT OF THE INDIVIDUAL; FOR WHITES IT WAS ALSO AFFECTED BY PRE-ENTRY WORK EXPERIENCE. SOCIAL CLASS HAD LITTLE EFFECT. WHEN SUBSEQUENT JOBS WERE EXAMINED, THE PROCESS OF ENTRY WAS SHOWN TO HAVE A CONTINUING AND SIGNIFICANT EFFECT ON OCCUPATIONAL ATTAINMENT; WHILE THE EFFECT OF EDUCATIONAL ATTAINMENT QUICKLY DIMINISHED, THAT OF PREVIOUS JOBS INCREASED, PARTICULARLY FOR BLACKS. CONTROLLING FOR EDUCATIONAL EXPERIENCE AND FAMILY BACKGROUND STATUS, BLACKS ARE CLEARLY DISADVANTAGED. THEY ARE SUCCESSIVELY WORSE OFF COMPARED TO WHITES AT EACH STAGE OF THEIR OCCUPATIONAL HISTORIES; THE MORE SCHOOLING THEY RECEIVE, THE GREATER THE GAP. THESE LAST FINDINGS ARE TAKEN AS EVIDENCE OF INSTITUTIONAL RACISM IN THE AMERICAN LABOR MARKET. (AUTHOR/BH)

VT 011 658

Weissman, Harold W., Ed.

Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.

Mobilization for Youth, Inc., New York, N.Y.

DOCUMENT NOT AVAILABLE FROM EDRS.

Association Press, 291 Broadway, New York, New York 10007 (\$2.95).

PUB DATE - 69 220p.

DESCRIPTORS - \*DISADVANTAGED YOUTH; \*YOUTH EMPLOYMENT; \*POVERTY PROGRAMS; \*MANPOWER DEVELOPMENT; \*PROGRAM DESCRIPTIONS; YOUTH PROGRAMS; INNER CITY; EDUCATIONAL IMPROVEMENT IDENTIFIERS - \*MOBILIZATION FOR YOUTH; MFY

ABSTRACT - Mobilization for Youth (MFY), which is a multidiscipline social agency located on New York's Lower East Side, emphasizes demonstration, research, and social action in eliminating poverty. This pioneer inner city youth project views delinquency as a result of disparity between aspirations and opportunities. Consequently, MFY stresses the need for broad social, economic, and institutional reform. To accomplish its goals, MFY offers a broad variety of services, including employment, legal, educational, psychological, and social services. The 18 papers in this volume describe the techniques and methods used in the project. Part I describes employment opportunities, including training programs and job placement by MFY. Part II describes educational opportunities, including MFY efforts to improve curriculum and teaching quality in inner city schools. (BH)

VT 011 700

ED 043 749

MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.

CALIFORNIA SOCIETY OF PSYCHIATRIC TECHNICIANS, SACRAMENTO.

NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, SACRAMENTO, CALIF.

EDRS PRICE MF-\$0.65 HC-\$6.58

NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, 11TH AND L BUILDING, MAIN FLOOR, SACRAMENTO, CALIFORNIA 95814 (\$2.25)

PUB DATE - JUN 70 141p.; PRESENTATION MADE AT THE JOINT ANNUAL NAPT-CSPT CONVENTION-INSTITUTE (LOS ANGELES, OCT. 3-5, 1969)

DESCRIPTORS - ALCOHOLISM; CRISIS THERAPY; DRUG ABUSE; \*HEALTH OCCUPATIONS; \*INSTITUTES (TRAINING PROGRAMS); JOB ANALYSIS; JOB DEVELOPMENT; MANPOWER NEEDS; MENTAL RETARDATION; \*PSYCHIATRIC AIDES; SPEECHES; \*SUBPROFESSIONALS; \*WORKSHOPS IDENTIFIERS - NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY; \*PSYCHOSOCIAL PROBLEMS

ABSTRACT - PRESENTATIONS MADE AT INSTITUTES AND WORKSHOPS CONDUCTED BY THE NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY (NAPT) ARE INCLUDED IN THIS PUBLICATION. DRUG ABUSE, ALCOHOLISM, CRISIS INTERVENTION, MENTAL RETARDATION, AND MENTAL HEALTH MANPOWER WERE THE THEMES FOR THESE PRESENTATIONS: (1) "MENTAL HEALTH TRENDS IN CALIFORNIA" BY G. DUFFY, (2) "THE DRUG EPIDEMIC OF 1969" BY J. T. UNGERLEIDER, (3) "THE TREATMENT AND PREVENTION OF ABUSE OF ALCOHOL, NARCOTICS, LSD, AND OTHER DRUGS" BY J. FORT, (4) "COMPREHENSIVE PLANNING FOR ALCOHOLISM PROGRAMS" BY N. KHOURY, (5) "TREATMENT AND MANAGEMENT OF ALCOHOLICS" BY K. S. DITMAN, (6) "SUICIDE AND CRISIS INTERVENTION: CONCEPTS AND PRACTICE" BY S. M. HEILIG, (7) "A PLANNING MODEL FOR THE DEVELOPMENT OF COMPREHENSIVE SERVICE FOR THE MENTALLY RETARDED" BY I. MOORING, (8) "THE NORTH CAROLINA DEPARTMENT OF MENTAL HEALTH CAREER LADDER: A CONCEPT AND AN ACTIVITY" BY J. L.

MONCRIEF, AND (9) "THE APPLICATION OF SENSITIVITY TRAINING TECHNIQUES" BY U. RUEVENI. INFORMATION ABOUT THE NAPT AND OTHER NAPT PUBLICATIONS IS INCLUDED. (SB)

VT 011 701 ED 043 750

COLEMAN, JAMES S., AND OTHERS

OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.

JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS.

OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-061610-0207 24

R-76

BR-6-1610

PUB DATE - AUG 70 66P.

DESCRIPTORS - \*ACADEMIC ACHIEVEMENT; CAUCASIANS; COMPARATIVE ANALYSIS; EDUCATIONAL BENEFITS; \*EDUCATIONAL STATUS COMPARISON; NEGRO EMPLOYMENT; \*NEGROES; \*PROMOTION (OCCUPATIONAL); RACIAL DISCRIMINATION; \*SUCCESS FACTORS

ABSTRACT - RETROSPECTIVE LIFE HISTORY DATA ARE USED IN THIS ANALYSIS OF THE MECHANISMS WHICH LEAD TO DIFFERENTIAL LEVELS OF OCCUPATIONAL SUCCESS. THE PAPER IS BASED ON DATA COLLECTED FROM A COHORT OF BLACK MEN AND A COHORT OF NONBLACK MEN, AGED 30-39 IN 1968. THE MEASURE OF OCCUPATIONAL ACHIEVEMENT USED THROUGHOUT IS THE OCCUPATIONAL STATUS OF THE FIRST JOB HELD AFTER LAST LEAVING FULLTIME EDUCATION AND THE STATUS OF THE JOB HELD 10 YEARS LATER. THE ANALYSIS SHOWS THAT EDUCATIONAL LEVEL FAR OUTWEIGHS OTHER BACKGROUND CHARACTERISTICS IN DETERMINING THE OCCUPATIONAL STATUS OF THE FIRST JOB. PARTLY DUE TO OCCUPATIONAL DISCRIMINATION, THE VALUE OF EDUCATION IN TERMS OF THE STATUS IT BRINGS IS ABOUT TWICE AS GREAT FOR NONBLACKS AS FOR BLACKS. THIS DIFFERENCE IN THE EFFECTS OF EDUCATION, COMBINED WITH LOWER EDUCATIONAL ATTAINMENT BY BLACKS, RESULTS IN CONSIDERABLY LOWER STATUS LEVELS. AFTER 10 YEARS, THE STATUS OF NONBLACKS SHOWED AN INCREASE OF 30.8 PERCENT, WHEREAS THAT OF BLACKS INCREASED 15.9 PERCENT. THE STUDY FOUND THAT ROUGHLY HALF OF THE DIFFERENCE IN STATUS CHANGE WAS DUE TO ORIGINAL LEVELS OF RESOURCES AND THE REMAINDER WAS DUE TO THE DIFFERENTIAL EFFICACY OF THESE RESOURCES. THE EFFICACY OF INTERVENING EVENTS SUCH AS ON-THE-JOB TRAINING SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN BLACKS AND NONBLACKS. (AUTHOR/BH)

VT 011 708 ED 042 916

BRANDON, GEORGE L., ED.

RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C. NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-2-7-070633 08

BR-7-0633

AMERICAN VOCATIONAL JOURNAL; V43 N6 PP41-56 SEP 1970

PUB DATE - SEP 70 16P.

DESCRIPTORS - \*BIBLIOGRAPHIES; CITY GOVERNMENT; \*DISADVANTAGED GROUPS; EDUCATIONAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; \*MANPOWER DEVELOPMENT; \*RESEARCH REVIEWS (PUBLICATIONS); UNEMPLOYED; VOCATIONAL ADJUSTMENT; \*VOCATIONAL EDUCATION

ABSTRACT - THE 16 RESEARCH REVIEWS WHICH PERTAIN TO VOCATIONAL EDUCATION FOR THE DISADVANTAGED ARE ORGANIZED UNDER THESE TOPICS: (1) MANPOWER DEVELOPMENT, WHICH REVIEWS MANPOWER FORECASTING, EMPLOYER POLICIES AND PRACTICES, AND TRAINING IN SELECTED APPRENTICEABLE TRADES, (2) TRAINING THE DISADVANTAGED, WHICH DISCUSSES THE EFFECT OF PREVOCATIONAL TRAINING AND FAMILY SERVICE COUNSELING, MOTIVATING TRAINEES, ADAPTING MILITARY INSTRUCTION FOR THOSE WITH LOW MENTAL ABILITY, WORK ADJUSTMENT OF HARDCORE UNEMPLOYED, EMPLOYMENT OPPORTUNITIES PROVIDED BY MUNICIPAL GOVERNMENTS, INDUSTRY HIRING REQUIREMENTS, AND EFFECTIVENESS OF A COMPREHENSIVE MANPOWER PROJECT, AND (3) TRAINING DISADVANTAGED YOUTH, WHICH INCLUDES A REVIEW OF THE NEIGHBORHOOD YOUTH CORPS AND ITS BENEFITS, A TEACHER EDUCATION SEMINAR, AND PROBLEMS IN TRANSITION FROM SCHOOL TO WORK. "PLAIN TALK," A CONTINUING COLUMN BY THE EDITOR, DISCUSSES THE FUTURE OF THE "RESEARCH VISIBILITY" SERIES, G.I. RESEARCH, AND WOMANPOWER. AN ADDITIONAL 18 STUDIES AND ORDERING INFORMATION ARE INCLUDED IN THE BIBLIOGRAPHY. (SB)

VT 011 715

Project PRIDE (Prescribed Reinforcement Involving Differentiated Education). An Experimental Project.

Federal Youth Center, Ashland, Ky. Educational Development Center.  
MF AVAILABLE IN VT-ERIC SET.



MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Mar70 67p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*OCCUPATIONAL INFORMATION;  
\*APPRENTICESHIPS; \*VOCATIONAL COUNSELING; \*CAREER PLANNING; HIGH SCHOOL STUDENTS;  
OCCUPATIONAL GUIDANCE; WAGES

ABSTRACT - Developed from employment figures and other data provided by the records of the State Apprenticeship Council of Ohio, this publication is designed to enable counselors to provide high school students and young adults with occupational information. The 35 apprenticeable trades are classified according to building and construction, metal, printing, and miscellaneous trades. A job description, information on wages, eligibility requirements, suggested high school courses, selection criteria, and cities where apprenticeship training is available accompany each trade. An introductory section contains a description of apprenticeships, definitions of terms, Equal Opportunity Standards of the Ohio State Plan, related training in a vocational program, and deferment possibilities for apprentices. A listing of apprenticeable trades in Ohio and sources of information about apprenticeships are appended. (SP)

VT 011 186

Careers in the Logging Industry. An Outline of Career Opportunities for Work in the Woods.

Oregon State Dept. of Employment, Salem.  
DOCUMENT NOT AVAILABLE FROM EDRS.  
State of Oregon, Employment Division, Salem, Oregon 97310.  
PUB DATE - ND 28p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*CAREER OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES; \*LUMBER INDUSTRY; CAREER PLANNING; \*OCCUPATIONAL INFORMATION

ABSTRACT - This brochure contains information on career opportunities in the logging industry and is illustrated with photographs and organizational charts. Also included are a glossary of logging terms and addresses for obtaining information on logging employment and training opportunities. (SP)

VT 011 326

Sedivy, Evelyn, Ed.; Williams, Mary H., Ed.  
Handbook of Aerospace-Related Occupations.

Lincoln Public Schools, Nebr. Aerospace Curriculum Development Project.  
Office of Education (DHEW), Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 178p.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*OCCUPATIONAL GUIDANCE; \*AEROSPACE INDUSTRY;  
\*EMPLOYMENT OPPORTUNITIES; \*EMPLOYMENT QUALIFICATIONS; VOCATIONAL COUNSELING; JOB SKILLS; AEROSPACE TECHNOLOGY; AVIATION TECHNOLOGY; WAGES; EDUCATIONAL NEEDS; EMPLOYMENT PROJECTIONS  
IDENTIFIERS - \*ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - Developed by junior and senior high school teachers during two workshops, this handbook provides a listing of occupations in aerospace-related areas. Occupations are grouped under: (1) Aerospace Industry, including subgroups of scientists and engineers, technicians, production workers, and administrative and support personnel, (2) Civil Aviation, including subgroups of air carrier and general aviation, and (3) Government, including subgroups at the federal, state, and local levels. Each job description includes a brief resume of the nature of the work, requirements for entering the occupation, approximate wages, opportunities for advancement, and an estimate of the future employment demand. Sources of occupational information complete each subgroup. (SB)

VT 011 344

A Job with the Forest Service. A Guide to Nonprofessional Employment. Miscellaneous Publication No. 843.

Department of Agriculture, Washington, D.C. Forest Service.  
MF AVAILABLE IN VT-ERIC SET.  
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(A1.38:843/9, \$.15).  
PUB DATE - Feb70 20p.



PUB DATE - 70 44p.

DESCRIPTORS - \*EXPERIMENTAL PROGRAMS; \*LOW ACHIEVERS; \*PROGRAM DESCRIPTIONS; \*ACADEMIC EDUCATION; \*CORRECTIVE INSTITUTIONS; CORRECTIONAL EDUCATION; ACADEMICALLY HANDICAPPED; DELINQUENTS

ABSTRACT - Education within the correctional framework traditionally has aimed at the high achiever, thereby accentuating the behavioral problems and negative attitudes of the less gifted. This project chose participants who lacked motivation and ability in an attempt to reach the alienated majority of delinquents. The 16 participants spent 50 percent of their time on reading, and 25 percent each on math and English. The 12-week course produced measurable results in terms of scores on the General Educational Development Test and the Stanford Achievement Test. The improved performances on these tests led to the conclusion that inferior programing and planning contribute more than poor student to academic failure. (BH)

VT 011 724 ED 042 918

HOLCOMB, REVERLY J.

TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.

ARKANSAS STATE DEPT. OF EDUCATION, LITTLE ROCK. DIV. OF VOCATIONAL EDUCATION.  
ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE.

EDRS PRICE MF-\$0.65 HC-\$9.87

PUB DATE - JUN 69 221P.

DESCRIPTORS - ABSTRACTS; ANNOTATED BIBLIOGRAPHIES; \*BIBLIOGRAPHIES; \*DROPOUTS; \*ECONOMICALLY DISADVANTAGED; EDUCATIONAL NEEDS; PROGRAM DEVELOPMENT; \*SOCIALY DISADVANTAGED; \*VOCATIONAL EDUCATION  
IDENTIFIERS - ARKANSAS; RESEARCH COORDINATING UNITS (RCU)

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY PRESENTS A COLLECTION OF READINGS WHICH SHOULD BE OF INTEREST TO PERSONS CHARGED WITH THE RESPONSIBILITY OF PLANNING PROGRAMS DEALING WITH THE EDUCATION, COUNSELING, AND SOCIALIZATION OF THE SOCIOECONOMICALLY DISADVANTAGED. TAKEN FROM VARIOUS SOURCES, THIS COLLECTION CONTAINS: (1) CURRENT READINGS, (2) A LISTING OF TITLES OF RESERVE ARTICLES AND PUBLICATIONS AVAILABLE IN THE ARKANSAS RESEARCH COORDINATING UNIT (RCU) LIBRARY, (3) SELECTED ABSTRACTS FROM THE MICROFICHE COLLECTION ON THE DISADVANTAGED AVAILABLE IN THE SAME RCU LIBRARY, AND (4) OTHER BIBLIOGRAPHIES ON THE DISADVANTAGED GLEANED FROM VARIOUS SOURCES. THE ENTRIES ARE ARRANGED IN CATEGORIES INCLUDING (1) TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED, (2) DISADVANTAGED GROUPS AND HARD-CORE UNEMPLOYED DROP-OUTS, (3) HARD-CORE UNEMPLOYMENT: A SELECTED, ANNOTATED BIBLIOGRAPHY, (4) SCHOOL DESEGREGATION: CHANGING POLICIES AND PRACTICES, AND (5) OTHER BIBLIOGRAPHIES. ARRANGED BY AUTHOR, THE ENTRIES PROVIDE DOCUMENT INFORMATION SUCH AS THE DATE, TITLE, AND PAGE NUMBERS. (AUTHOR/JS)

VT 011 739

Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.

Atomic Energy Commission, Washington, D.C.  
Appalachian Regional Commission, Washington, D.C.  
Department of Labor, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Aug 70 20p.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*CULTURALLY DISADVANTAGED; \*INDIVIDUAL CHARACTERISTICS; \*EMPLOYMENT OPPORTUNITIES; \*SKILLED OCCUPATIONS; GRADUATE SURVEYS; EMPLOYMENT POTENTIAL; INTERAGENCY COOPERATION  
IDENTIFIERS - \*TRAINING AND TECHNOLOGY; TAT

ABSTRACT - The Training and Technology (TAT) Project was developed to explore ways to utilize available industrial resources in meeting national needs for skilled manpower. This report describes the effects of TAT's Working Training Program on persons recruited from 60 disadvantaged Appalachian counties. Composite data, as well as individual characteristics, are provided for the sample. The 157 trainees considered in this study represent all program graduates from these low income counties in 1969 and the first half of 1970. Although most of the trainees were high school graduates, testing revealed that many were performing below the Grade 9 level in reading and/or math. The study determined that a 6-month training program combining educational and industrial resources can provide Appalachians with technical job skills for careers in industry. Most graduates remained in Appalachia, but at a much higher income, and with greater participation in political and religious affairs. (BH)

VT 011 740

Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).

Oak Ridge Associated Universities, Tenn.  
 Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.  
 Tennessee Univ., Knoxville.  
 Department of Labor, Washington, D.C.  
 Atomic Energy Commission, Oak Ridge, Tenn.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - Jul70 31p.

DESCRIPTORS - \*COMPETITIVE SELECTION; \*CULTURALLY DISADVANTAGED; \*ADULT VOCATIONAL EDUCATION; \*POVERTY PROGRAMS; \*EVALUATION TECHNIQUES; RECRUITMENT; SKILLED OCCUPATIONS IDENTIFIERS - TRAINING AND TECHNOLOGY; TAT

ABSTRACT - In order to avoid an excessive dropout rate, Training and Technology (TAT) evaluates each applicant's potential for completing the Worker Training Program. In addition to completing aptitude tests and application forms to provide information on interest and ability, the applicant is encouraged to make an evaluation, based on literature and tours provided by TAT. Forms and letters are appended. (BH)

VT 011 751

Myers, Robin, And Others  
 Black Builders; A Job Program that Works.

League for Industrial Democracy, New York, N.Y.  
 Taconic Foundation  
 MF AVAILABLE IN VT-ERIC SET.  
 League for Industrial Democracy, 112 East 19th Street, Room 1104, New York, New York 10003.  
 PUB DATE - ND 141p.

DESCRIPTORS - \*APPRENTICESHIPS; \*NEGROES; \*EQUAL OPPORTUNITIES (JOBS); \*BUILDING TRADES; LABOR UNIONS; NEGRO EMPLOYMENT; FOUNDATION PROGRAMS; DISADVANTAGED YOUTH; \*RACIAL DISCRIMINATION

ABSTRACT - Economic inequality has proved to be more stubborn than legal barriers in preventing equal rights for blacks. Despite the opening of apprenticeships in the building trades to blacks, there has been little change in the racial composition of apprentices. Not only are many inner city blacks unable to meet minimum educational requirements, but often they do not even know that the opportunity exists to apply for apprenticeship. The Joint Apprenticeship Program of the Workers Defense League and the A. Philip Randolph Educational Fund was established to help solve these problems through its five objectives: (1) to insure that blacks and Puerto Ricans are aware of training opportunities, (2) to serve as a public watchdog on government agencies concerned with these objectives, (3) to coordinate with other agencies concerned with youth employment, (4) to serve as a general clearinghouse and information center on apprenticeship training, and (5) to coordinate with other programs directed at the total environment of disadvantaged youth. This account traces the program's history from its inception and outlines the techniques and strategies which have made it so successful that it has served as the model for similar operations in at least 40 other cities. (BH)

VT 011 810

The Teacher of Home Economics; Reaching Out to Those We Teach.

Home Economics Education Association, Washington, D.C.  
 MF AVAILABLE IN VT-ERIC SET.  
 Home Economics Education Association, National Education Association, Washington, D.C. (\$1.50).  
 PUB DATE - May69 32p.

DESCRIPTORS - \*HOME ECONOMICS TEACHERS; \*TEACHER ATTITUDES; \*TEACHING TECHNIQUES; \*STUDENT NEEDS; \*DISADVANTAGED GROUPS; HOME ECONOMICS EDUCATION

ABSTRACT - To determine how teachers can effectively guide students in meeting their needs, inquiries were sent to over 200 home economics teachers, most of whom were vocational educators working in special programs with disadvantaged youth and adults. This publication contains excerpts from 11 response letters, most beginning with a description of the community, school, and students, followed by ideas and attitudes

about helping students. Some of the letters particularly reveal what the majority of home economics teachers feel for their students--warm affection, concern, understanding, and acceptance. (SB)

VT 011 817 ED 043 763

KOPEL, BERNICE HELFNF

HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - JUL 70 147P.

DESCRIPTORS - \*COLLEGE CURRICULUM; DISADVANTAGED GROUPS; DOCTORAL THESES; EDUCATIONAL NEEDS; \*FOODS INSTRUCTION; \*HOME ECONOMICS EDUCATION; \*LOW INCOME GROUPS; \*NUTRITION INSTRUCTION

IDENTIFIERS - \*OKLAHOMA

ABSTRACT - TO IDENTIFY IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM, MULTIPLE-CHOICE QUESTIONNAIRES WERE DEVELOPED TO PROVIDE GENERAL CHARACTERISTICS OF HOME ECONOMISTS AND THE CONCERNS THEY HAD IN THEIR WORK WITH LOW-INCOME FAMILIES. JOB CONCERNS WERE RANKED AND ANALYZED ACCORDING TO THE DEGREE OF CONCERN EXPRESSED BY THE 129 RESPONDENTS (70.8 PERCENT) IN RELATION TO UNDERSTANDING LOW-INCOME INDIVIDUALS, PLANNING PROGRAMS AND TEACHING METHODS FOR LOW-INCOME GROUPS, KNOWLEDGE OF SUBJECT MATTER, AND EVALUATION OF PROGRAMS. OF GREATEST CONCERN TO THE HOME ECONOMISTS WERE HAVING FOOD AND NUTRITION KNOWLEDGE IN REGARD TO LOW-COST AND COMMODITY FOODS, DETERMINING HOW TO TEACH NUTRITION AND PLAN FOOD AND NUTRITION PROGRAMS FOR LOW-INCOME GROUPS, AND UNDERSTANDING THE PEOPLE WITH WHOM THEY WORK. THE DEGREE OF CONCERN FOR ASPECTS OF THE JOB WERE MOST OFTEN SIGNIFICANTLY AFFECTED BY THE LENGTH OF TIME SINCE THE HOME ECONOMISTS HAD ENROLLED FOR COLLEGE CREDIT AND THE EXTENT TO WHICH TRAINING HAD ASSISTED THEM IN THEIR WORK. AN EMPHASIS ON METHODS OF TEACHING FOOD AND NUTRITION IN A KNOWLEDGEABLE AND STIMULATING WAY WAS IMPLIED FROM THE FINDINGS, AND A BEHAVIORAL SCIENCE EMPHASIS WAS IMPLIED AS ONE MEANS OF HELPING STUDENTS UNDERSTAND LOW-INCOME GROUPS. THIS ED.D. DISSERTATION WAS SUBMITTED TO THE OKLAHOMA STATE UNIVERSITY. (AUTHOR/SB)

VT 011 824

Burrows, Nona L.; Craig, William N.

Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component. Final Report.

Pittsburgh, Pa. School of Education.

Department of Health, Education, and Welfare, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Oct69 110p.

DESCRIPTORS - \*EDUCATIONAL OPPORTUNITIES; VOCATIONAL EDUCATION; \*DEAF; EDUCATIONAL PROGRAMS; \*VOCATIONAL SCHOOLS; ADMINISTRATIVE CHANGE; TEACHING MODELS; \*VOCATIONAL REHABILITATION; \*DEAF EDUCATION

ABSTRACT - Present educational programs for the deaf do not provide the skills and knowledge necessary for deaf people to reach their potential as productive employees. This 5-year project is designed to demonstrate the feasibility of using existing vocational and technical schools and junior colleges to serve graduates of secondary programs for the deaf. This report describes the research component of the project, the aims of which are: (1) to identify the changes which must be made by both administration and the deaf students, (2) to develop new teaching procedures, and (3) to discover problems common to deaf people in a regular vocational school setting and recommend remedial action for them. The report describes the experience of the pilot program at Delgado College in New Orleans, including personnel, job descriptions, and student characteristics. Explanation of the tests and questionnaires used for evaluation is contained in the appendixes. (BH)

VT 011 827

Croley, Doris M.

The General Education Development (GED) Program at Training and Technology.

Atomic Energy Commission, Oak Ridge, Tenn.

Department of Labor, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Aug70 44p.



DESCRIPTORS - \*JOB TRAINING; TECHNICAL EDUCATION; \*DROPOUT PROGRAMS; DROPOUT PROBLEMS; \*EMPLOYMENT OPPORTUNITIES; TESTS; EQUIVALENCY TESTS; VOCATIONAL EDUCATION; \*PROGRAM DESCRIPTIONS; \*MANPOWER DEVELOPMENT

ABSTRACT - The high school dropout has had many doors closed to him including those to vocational schools, colleges, and employment. Therefore, in an effort that started with an attempt to assist certain World War II veterans in overcoming the hurdle of not having a high school diploma, the General Education Development (GED) high school equivalency program was initiated in 1945. One such center was established in 1968 at the Technology and Training (TAT) project, a manpower development program at Oak Ridge, Tennessee. The high school dropout who secures an equivalency diploma and graduates from TAT enters the job market with an average salary significantly higher than those TAT graduates who do not secure the equivalency diploma. Operational procedures related to these programs are included in this report. (JS)

VT 011 854

Home Economics and the Disadvantaged.

Northern Illinois Univ., DeKalb.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 70 162p.; Report of a Workshop (Northern Illinois Univ., DeKalb, June 15-16, 1970).

DESCRIPTORS - \*WORKSHOPS; \*HOME ECONOMICS EDUCATION; \*DISADVANTAGED YOUTH; ANNOTATED BIBLIOGRAPHIES; \*CURRICULUM GUIDES; EDUCABLE MENTALLY HANDICAPPED; RURAL YOUTH; INNER CITY; SOCIAL INTEGRATION; \*INSTRUCTIONAL AIDS

ABSTRACT - A 12-day workshop attended by 14 home economists, was held to improve understanding of disadvantaged pupils and the methods to be used with them. Topics are: (1) Home Economics and the Educable Mentally Handicapped (EMH), which includes a definition and characteristics of the EMH, general teaching principles, objectives, teaching aids, and learning experiences for two units, grooming and child development, (2) Integration of the Disadvantaged in Suburban Schools, which provides suggested objectives, learning experiences, supplemental aids, and evaluation for a number of concepts, (3) Personal Development Unit for Rural Disadvantaged Pupils in Home Economics, which includes student activities, teaching methods, bulletin board ideas, and student and teacher references, and (4) A Child Development Curriculum Guide for Eighth Graders in the Inner City, which includes objectives, generalizations, learning experiences and instructional aids. An annotated bibliography prepared by the participants is included. (SB)

VT 011 858

Overman, Robert W., Jr.

Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).

Southern Regional Education Board, Atlanta, Ga.

Economic Development Administration (DOE), Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun70 85p.

DESCRIPTORS - \*SERVICE OCCUPATIONS; \*UNSKILLED WORKERS; \*EDUCATIONALLY DISADVANTAGED; \*EMPLOYMENT OPPORTUNITIES; \*EDUCATIONAL NEEDS; MANPOWER NEEDS; MANPOWER DEVELOPMENT; INTERAGENCY COOPERATION

ABSTRACT - In order to demonstrate the value of training for the service occupations, this study analyzes four occupations chosen on the basis of (1) projected manpower needs over the next decade, (2) minimal skill requirements, and (3) appeal to the disadvantaged. The four occupations, including maids, food service workers, hospital aides, and janitors, require only short-term training to provide work orientation and skill training. Specific recommendations for training programs for each occupation involve combinations of government agencies, community service organizations, labor organizations, and the private sector. A successful training program must include: (1) training which stresses general employability skills, proper attitudes and work orientation, (2) employer education and cooperation, and (3) a followup program. (BH)

VT 011 866

Two Years of Outreach, 1968-1970.

Veterans Administration, Washington, D.C. Office of the Administrator of Veterans Affairs.

MF AVAILABLE IN VT-ERIC SET.



PUB DATE - 70 49p.

DESCRIPTORS - \*TRAINING ALLOWANCES; STATISTICAL SURVEYS; \*JOB TRAINING; \*VETERANS; \*VETERANS EDUCATION; EMPLOYMENT LEVEL; WAGES; PARTICIPATION; \*EDUCATIONAL BENEFITS; INFORMATION NEEDS; FOLLOWUP STUDIES

ABSTRACT - Because recent veterans did not know of the special benefits accruing to them, the Veterans Administration (VA) decided to go directly to the men separating from the services and provide them with information concerning such things as the G.I. Bill and rehabilitation services. As a followup, the VA surveyed a sample of 14,200 veterans by questionnaire and developed a profile of recently discharged veterans. This profile shows that: (1) 16.1 percent had less than a high school education, (2) nine of ten veterans were employed at the time of the survey, and (3) nearly one of four veterans received training under a VA program. Data is also presented on the current rate of earnings, reasons for nonparticipation in training benefits, and the extent of contact between the VA and the veteran. (JS)

VT 011 867

Faulkner, Rosemary; Connor, Thomas R.  
Evaluation of a Program of Training for Day Care Attendants.

Prince Edward Island NewStart, Inc., Montague (Canada).  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 33p.

DESCRIPTORS - \*PROGRAM EVALUATION; \*OCCUPATIONAL HOME ECONOMICS; EDUCATIONAL PROGRAMS; \*CHILD CARE WORKERS; \*DISADVANTAGED GROUPS; \*RURAL AREAS; DAY CARE SERVICES; JOB TRAINING; WORK EXPERIENCE PROGRAMS; OUT OF SCHOOL YOUTH

ABSTRACT - To demonstrate that rural disadvantaged young women can be trained for employment as day care attendants, nine women who had previously received training in basic education and life skills were selected for a 420-hour training program which consisted of 3 weeks of orientation and observation of operating centers, 2 weeks of intensive theory, and 11 weeks of supervised work experience and classroom instruction. Data were gathered on the need for day care centers, trainee employment stability, and child care ability. Analyses of coded observations pertaining to verbal interaction with children revealed that trainee ratings were higher for encouraging interaction, developing concepts, and encouraging speaking than for instruction, reading, and setting limits. Analysis of non-verbal interaction revealed higher ratings for supervising the children than for listening. Observations of changes in trainees' appearance and attitudes revealed that they became more orderly in their dress and personal appearance and also more patient, out-going, and understanding. The objective data do not support the statement that trainees improved in their ability as child care attendants. Though the program was successful, much more firm evidence is needed. (SB)

VT 011 875 ED 043 772

THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.

CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.  
EDRS PRICE MF-\$0.65 HC-\$6.58  
PUB DATE - APR 70 180p.

DESCRIPTORS - \*CULTURALLY DISADVANTAGED; EMPLOYMENT OPPORTUNITIES; \*EMPLOYMENT PROGRAMS; \*FEDERAL PROGRAMS; MANPOWER DEVELOPMENT; \*ON THE JOB TRAINING; \*PROGRAM EVALUATION

IDENTIFIERS - \*JOB OPPORTUNITIES IN THE BUSINESS SECTOR

ABSTRACT - THE JOB OPPORTUNITIES IN THE BUSINESS SECTOR (JOBS) PROGRAM HAS SHOWN SINCE ITS ESTABLISHMENT IN 1968 THAT A PROGRAM INVOLVING HIRING FIRST, AND THEN TRAINING, CAN BE SUCCESSFUL. MANY EMPLOYERS WITH JOBS CONTRACTS HAVE INSTITUTED EFFECTIVE PROGRAMS TO BRING THE DISADVANTAGED INTO THE LABOR FORCE. HOWEVER, THERE HAS BEEN INADEQUATE SUPERVISION OF PARTICIPATING EMPLOYERS. NOT ONLY HAVE SOME WELL-INTENTIONED EMPLOYERS DISPLAYED A LACK OF UNDERSTANDING IN DEALING WITH THE DISADVANTAGED, BUT OTHER LESS WELL-INTENTIONED CONTRACTORS HAVE USED THE PROGRAM TO CUT COSTS OR SOLVE PERSONNEL PROBLEMS SUCH AS LABOR SHORTAGES DURING A TIGHT LABOR MARKET. AS THE ECONOMY SLOWS DOWN, MANY EMPLOYERS MAY FIND THE PROGRAM TOO COSTLY, EVEN WITH GOVERNMENT SUBSIDY. A MORE DETAILED ANALYSIS WILL BE NECESSARY TO FULLY EVALUATE THE JOBS PROGRAM. (BH)

VT 011 937

Connor, Thomas R., And Others  
Some Results of a Training Program for Non-Professional Medical Personnel.

Prince Edward Island NewStart, Inc., Montague (Canada).

MF AVAILABLE IN VT-ERIC SET.

Research Librarian, Prince Edward Island NewStart, Inc., P.O. Box 1000, Montague, Prince Edward Island, Canada (no charge).

PUB DATE - ND 31p.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*DISADVANTAGED GROUPS; MALES; PARAMEDICAL OCCUPATIONS; NONPROFESSIONAL PERSONNEL; ADULT BASIC EDUCATION; \*JOB TRAINING; \*ATTENDANT TRAINING; REMEDIAL ARITHMETIC; REMEDIAL READING; \*INTERPERSONAL COMPETENCE; EDUCATIONAL PROGRAMS  
IDENTIFIERS - \*CANADA

ABSTRACT - To improve the employment level and stability of rural residents of Kings County, Prince Edward Island, 10 males were selected for a 12-week program of basic education, social development, and occupational training as institutional attendants. Analysis of the project concluded that significant gains in knowledge were made only in the occupational training area and that there was some success in placing these individuals in this type of employment. Long term success was not achieved, due to environmental conditions. (AUTHOR)

VT 012 031

Feldman, Marvin J.

Vocational Education and Poverty.

Office of Economic Opportunity, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 16Oct70 25p.; Speech Presented to the Welfare Federation of Cleveland, Manpower Planning and Development Commission (Cleveland, Oct. 16, 1970).

DESCRIPTORS - \*VOCATIONAL EDUCATION; SPEECHES; \*ECONOMIC DISADVANTAGEMENT; \*EDUCATIONAL PROBLEMS; TEACHER EDUCATION; CURRICULUM DEVELOPMENT; ATTITUDES; EDUCATIONAL OPPORTUNITIES; EDUCATIONAL PROGRAMS; PUBLIC OPINION

ABSTRACT - In searching for a better way to overcome poverty, education seems to offer promise, but poverty does not respond to conventional education. What is needed is a national system of vocational education. However, vocational education has been stifled by an attitude which dismisses it as something for the misfit, the disciplinary problem, or the dull child, and this lack of prestige makes it difficult to recruit teachers, achieve better standards, prepare good curriculums, or enroll students. Better understanding and appreciation of the objectives of vocational education by the general public, government, and educators are needed to enhance prestige. Teacher training and recruitment are problem areas because the vocational teacher must not only have the ability to teach but also have experience in the occupational specialty. For some vocational areas, there are no training institutions nor training teachers. In the area of curriculum, there are few institutions or centers concerned with curriculum development or improvement. In order to accomplish fulfillment of individual potential, several programs are suggested. (SB)

ABSTRACT - A SURVEY OF 133 INDUSTRIAL EDUCATION ELECTRONICS INSTRUCTORS IN 115 4-YEAR COLLEGES AND UNIVERSITIES IN 40 STATES WAS CONDUCTED TO DETERMINE THE EXPRESSED NEEDS OF COLLEGE LEVEL ELECTRONICS INSTRUCTORS FOR UPDATING EDUCATIONAL EXPERIENCES IN SPECIFIED ELEMENTS. AN ATTEMPT WAS ALSO MADE TO DETERMINE THE NATURE OF COURSE CONTENT NEEDED IN GRADUATE LEVEL PROGRAMS. FINDINGS AND CONCLUSIONS INCLUDED: (1) 20 PERCENT OF THE PARTICIPANTS GRADUATED PRIOR TO 1950, 30 PERCENT DURING THE PERIOD 1950 TO 1960, AND 50 PERCENT GRADUATED AFTER 1960, (2) ONLY SLIGHT DIFFERENCES IN PERSONAL EDUCATIONAL NEEDS WERE REPORTED IN VARIOUS BACCALAUREATE DEGREE CATEGORIES, (3) THOSE GRADUATING BEFORE 1950 TENDED TO REPORT NEEDS CONCERNED WITH THEORIES OF ELECTRONIC FUNCTIONS, (4) INSTRUCTORS GRADUATING DURING THE PERIOD 1950 TO 1960 REPORTED LESS NEED FOR THE STUDY'S ELEMENT THAN THOSE IN THE OTHER GROUPS, (5) INSTRUCTORS GRADUATING SINCE 1960 INDICATED A NEED FOR CONTENT RELATED TO THE PRACTICAL APPLICATION OF TECHNIQUES INVOLVED IN THE SERVICE OF ELECTRONIC DEVICES, AND (6) COURSE CONTENT SHOULD INCLUDE ALL APPROPRIATE CONCEPTS. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 689 ED 043 747

BAKER, C. LEWIS

AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 142P.

DESCRIPTORS - \*AUTOMATION; BIBLIOGRAPHIES; COLLEGE PROGRAMS; COMPARATIVE ANALYSIS; \*CYBERNETICS; DOCTORAL THESES; EDUCATIONAL NEEDS; EVALUATION METHODS; INDUSTRIAL ARTS; \*INDUSTRIAL ARTS TEACHERS; \*INDUSTRY; QUESTIONNAIRES; \*TEACHER EDUCATION; TEACHER EDUCATORS

ABSTRACT - TABULATED AND ANALYZED DATA FROM TWO QUESTIONNAIRES RETURNED BY 84 (92.3 PERCENT) INDUSTRIAL ARTS EDUCATORS AND 20 (35 PERCENT) SELECTED INDUSTRIES, WERE USED TO DETERMINE THE OFFERINGS IN AUTOMATION AND CYBERNETICS AT INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS AND TO COMPARE THESE OFFERINGS WITH CURRENT PRACTICES IN INDUSTRY. CONCLUSIONS WERE: (1) TEACHERS ARE BEING PREPARED IN PROGRAMS THAT ARE NOT REPRESENTATIVE OF CURRENT INDUSTRIAL PRACTICES, (2) SOME EQUIPMENT USED FOR BUSINESS COULD PROVIDE EXPERIENCES FOR INDUSTRIAL ARTS STUDENTS, (3) THERE IS A LACK OF QUALIFIED PERSONNEL TO PROVIDE OFFERINGS IN AUTOMATION AND CYBERNETICS, (4) OFFERINGS ARE AFFECTED BY THE PROGRAM ENROLLMENT, THE NUMBER OF INSTRUCTORS AND THE EXISTENCE OF TECHNICAL OR SIMILAR PROGRAMS, (5) THERE IS A NEED TO UNDERSTAND AUTOMATION AND CYBERNETICS PROGRAMS, (6) THE USE OF NEW TECHNIQUES WILL TAKE MUCH OF PRODUCTION CONTROL AND MACHINE CONTROL OUT OF THE FACTORY, (7) INCREASED SPECIALIZATION AND GREATER EDUCATIONAL ATTAINMENT WILL AFFECT INDUSTRIAL PERSONNEL, AND (8) TOPICS AND CONCEPTS SHOULD BE USED AS A BASIS FOR THE COURSE DEVELOPER TO BEGIN TAILORING CONTENT TO ACHIEVE SPECIFIC TERMINAL OBJECTIVES. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 707 ED 042 915

HARRINGTON, FRID WHITNEY

DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 102P.

DESCRIPTORS - COLLEGE STUDENTS; \*COMPARATIVE ANALYSIS; \*DISTRIBUTIVE EDUCATION; INDIVIDUALIZED INSTRUCTION; \*INSTRUCTOR COORDINATORS; \*JOB SKILLS; PREDICTIVE MEASUREMENT; PROGRAM COORDINATION; \*TEACHER EDUCATION  
IDENTIFIERS - SELF INSTRUCTIONAL PACKAGE

ABSTRACT - TO HELP COOPERATIVE EDUCATION TEACHER-COORDINATORS BRIDGE THE GAP BETWEEN PRESERVICE TEACHER EDUCATION CLASSES AND ON-THE-JOB COORDINATION SKILL REQUIREMENTS, A PROTOTYPE SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS WAS DEVELOPED WHICH INCLUDED VIDEO RECORDED INTERVIEW MODELS WITH DISCRIMINATION TRAINING. THE PACKAGE WAS THEN TESTED BY USING CONTROL AND EXPERIMENTAL GROUPS OF DISTRIBUTIVE EDUCATION STUDENTS. ANALYSIS WAS FACILITATED BY USING THE PRETEST-POSTTEST METHOD, AN ANALYSIS OF COVARIANCE, PAIRED GROUPS, THE T-TEST, AND A STUDENT OPINIONNAIRE. THE HYPOTHESIS THAT PROSPECTIVE COORDINATORS WHO USE THE SELF-INSTRUCTIONAL PACKAGE SIGNIFICANTLY IMPROVE THEIR PERFORMANCE IN THREE SKILL AREAS AS COMPARED TO THOSE PROSPECTIVE COORDINATORS WHO DO NOT USE THE PACKAGE WAS NOT ACCEPTED. HOWEVER, IT WAS CONCLUDED THAT THOSE USING THE PACKAGE DID IMPROVE THEIR SKILLS. RECOMMENDATIONS RESULTING FROM THE STUDY INCLUDE THE NEED FOR FUTURE RESEARCH TO TEST THE RESULTS OF

RESEARCH DESIGN,  
DEVELOPMENT AND UTILIZATION  
SECTION



VT 007 344 ED 043 728

MATHER, MARY E., ED.

HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.

AMERICAN HOME ECONOMICS ASSOCIATION, WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

AMERICAN HOME ECONOMICS ASSOCIATION, 1600 TWENTIETH STREET, N.W., WASHINGTON, D.C. 20009 (\$1.50)

PUB DATE - 68 66P.

DESCRIPTORS - \*ABSTRACTS; ADULT EDUCATION; \*BIBLIOGRAPHIES; DOCTORAL THESES; EVALUATION; \*HOME ECONOMICS EDUCATION; MASTERS THESES; METHODS RESEARCH; PROGRAM PLANNING; \*RESEARCH; \*RESEARCH REVIEWS (PUBLICATIONS); TEACHER EDUCATION

ABSTRACT - THIS COMPILATION OF 107 ABSTRACTS OF RESEARCH IN HOME ECONOMICS EDUCATION COMPLETED IN 1967 CONTAINS 11 DOCTORAL AND 96 MASTER'S STUDIES SUBMITTED BY 27 INSTITUTIONS. THEY ARE CLASSIFIED ACCORDING TO: (1) ADMINISTRATION, (2) PROGRAM PLANNING; SECONDARY, COLLEGE, AND ADULT PROGRAMS, (3) EVALUATION; SECONDARY, COLLEGE, AND ADULT EDUCATION, (4) METHODS AND MATERIAL, (5) TEACHER EDUCATION, AND (6) MISCELLANEOUS. AN ALPHABETICAL INDEX OF AUTHORS ACCOMPANIED BY DISSERTATION OR THESIS TOPICS ARE INCLUDED IN THE DOCUMENT. (FP)

VT 009 688 ED 034 053

LOUDERMILK, KENNETH M.

IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.

IDAHO OCCUPATIONAL RESEARCH COORDINATING UNIT, MOSCOW.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-4-7-063014-1590 08

BR-6-3014

PUB DATE - AUG 69 21P.

DESCRIPTORS - \*RESEARCH COORDINATING UNITS; \*RESEARCH PROJECTS; \*VOCATIONAL EDUCATION; WORKSHOPS

IDENTIFIERS - \*IDAHO

ABSTRACT - THIS FINAL REPORT FOR THE IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION WHICH COVERS THE LAST 11 MONTHS SINCE THE LAST INTERIM REPORT HAS IMPLICATIONS FOR PAST ACCOMPLISHMENTS AND THE FUTURE OUTLOOK OF THE UNIT. THE MAJOR PURPOSE OF THE UNIT WAS TO HELP MAINTAIN AND DEVELOP ALL PROGRAMS OF VOCATIONAL EDUCATION IN IDAHO BY CONDUCTING, COORDINATING, AND STIMULATING RESEARCH AND BY PROVIDING RESEARCH CONSULTING SERVICES. THE UNIT ENGAGED IN 18 RESEARCH PROJECTS, THE RESULTS OF WHICH WERE REPORTED IN 20 RESEARCH PUBLICATIONS. SEVERAL CONFERENCES AND WORKSHOPS WERE HELD, THE MOST IMPORTANT OF WHICH WAS A WORKSHOP FOR TRAINING IN METHODS OF VOCATIONAL RESEARCH. RECOMMENDATIONS CONCERNING THE ROLE AND FUNCTIONS OF THE UNIT ARE DISCUSSED. FOR A VARIETY OF REASONS, BUT PRIMARILY DUE TO THE SHORTAGE AND UNCERTAINTY OF RESEARCH FUNDS, THE UNIT WILL BE MOVED FROM THE COLLEGE OF EDUCATION, UNIVERSITY OF IDAHO, TO THE IDAHO STATE BOARD FOR VOCATIONAL EDUCATION, BOISE, IDAHO. (JK)

VT 010 587 ED 042 886

CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.

WISCONSIN UNIV., MADISON. INDUSTRIAL RELATIONS RESEARCH INST.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - NOV 69 80P.

DESCRIPTORS - CONFERENCES; \*EDUCATIONAL RESEARCH; GRADUATE STUDY; INFORMATION RETRIEVAL; \*INFORMATION SERVICES; PUBLICATIONS; \*RESEARCH PROJECTS; \*VOCATIONAL EDUCATION

ABSTRACT - THE FUNCTIONS OF THE CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ESTABLISHED UNDER A FORD FOUNDATION GRANT AT THE UNIVERSITY OF WISCONSIN IN 1964, ARE TO EXAMINE, EVALUATE, AND FURTHER THE DEVELOPMENT OF THE NATION'S SYSTEM OF OCCUPATIONAL EDUCATION BY RESEARCH, GRADUATE STUDY, CONFERENCES, ESTABLISHMENT OF A NATIONAL DEPOSITORY OF REFERENCE MATERIALS, AND DISSEMINATION OF PUBLICATIONS. THE REPORT CONTAINS INFORMATION ON RESEARCH AND PUBLICATIONS ON VOCATIONAL EDUCATION, AND ON THREE CONFERENCES HELD AT THE UNIVERSITY OF WISCONSIN DURING FISCAL YEAR 1969. LISTS OF GRADUATE RESEARCH AND PUBLICATIONS OF RESEARCH ACTIVITIES AT THE CENTER ARE ALSO INCLUDED. (BC)

VT 011 333 ED 042 896

REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).

NATIONAL MANPOWER POLICY TASK FORCE, WASHINGTON, D.C.  
MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. OFFICE OF MANPOWER RESEARCH.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - OCT 69 54p.

DESCRIPTORS - \*CONFERENCE REPORTS; \*DOCTORAL THESES; FEDERAL PROGRAMS; \*GRADUATE STUDENTS; INCENTIVE GRANTS; \*LABOR ECONOMICS; RESEARCH; \*RESEARCH PROJECTS

ABSTRACT - EACH YEAR, RECIPIENTS OF THE MANPOWER ADMINISTRATION DOCTORAL DISSERTATION GRANTS FOR MANPOWER RESEARCHERS DISCUSS THEIR RESEARCH FINDINGS AT A CONFERENCE IN WASHINGTON, D.C. IN ADDITION TO SERVING AS FORUMS FOR THE INTERCHANGE OF IDEAS, THESE CONFERENCES ALSO PROVIDE AN OPPORTUNITY FOR PARTICIPANTS TO MEET THEIR PEERS AND EXPERIENCED MANPOWER SPECIALISTS. THE CONFERENCES ALSO GIVE GOVERNMENT MANPOWER PEOPLE A CHANCE TO ASSESS FIRST-HAND THE CAPABILITIES OF THE NEW RESEARCHERS. THE 1969 CONFERENCE WAS DIVIDED INTO SIX WORKING SESSIONS: (1) PROFESSIONAL AND TECHNICAL MANPOWER, (2) MOBILITY AND MIGRATION, (3) URBAN LABOR MARKET PROBLEMS, (4) WORK INCENTIVES, MOTIVATION, AND JOB SATISFACTION, (5) THEORETICAL LABOR MARKET ANALYSIS, AND (6) PUBLIC AND PRIVATE EFFORTS TO ALLEVIATE MANPOWER PROBLEMS. THE CONFERENCE PROGRAM, INCLUDING 15-MINUTE PRESENTATIONS BY THE 36 ATTENDING GRANT RECIPIENTS, IS CONTAINED IN THE APPENDIX TO THE REPORT. (BH)

VT 011 638

Brown, Walter; Tuckman, Bruce W.

A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.

Rutgers, The State Univ., New Brunswick, N.J. Dept. of Vocational-Technical Education.  
New Jersey State Dept. of Education, Trenton. Div. of Vocational Education.  
MF AVAILABLE IN VT-ERIC SFT.  
PUB DATE - Mar70 8p.; Delivered at A.E.R.A. Convention (Minneapolis, Minn., Mar. 3, 1970).

DESCRIPTORS - \*FOOD SERVICE OCCUPATIONS; ANALYSIS OF VARIANCE; \*COMPARATIVE ANALYSIS; STUDENTS; EDUCATIONAL PROGRAMS; VOCATIONAL EDUCATION; \*PROGRAM EVALUATION; \*BEHAVIORAL OBJECTIVES; MODELS; \*EDUCATIONAL RESEARCH

ABSTRACT - To develop the model, a committee of experts prepared a listing of desired outcome capabilities for vocational education program graduates. A process of behavioral analysis was applied to each item on the list to eliminate duplicated critical behaviors and to improve test reliability because true test items need not be revealed to the subject. As a test of the model, New Jersey's pilot commercial food services programs were evaluated. Four reference groups were chosen, including trainees in the pilot programs, trainees from the regular programs, untrained students from the same schools, and experienced food service workers. The results confirmed the model's validity. (BH)

VT 011 652

Miklius, W., And Others

A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.

Hawaii Univ., Honolulu. Economic Research Center.  
Hawaii State Commission on Manpower and Full Employment, Honolulu  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Nov69 160p.

DESCRIPTORS - \*LABOR ECONOMICS; EMPLOYMENT PROJECTIONS; \*TECHNOLOGICAL ADVANCEMENT; EMPLOYMENT LEVEL; \*SKILL OBSOLESCENCE; PRODUCTIVITY; AUTOMATION; ECONOMIC PROGRESS; VOCATIONAL RETRAINING; EMPLOYMENT PATTERNS; \*MATHEMATICAL MODELS; \*METHODOLOGY

ABSTRACT - As a result of a growing feeling that a society which benefits from technological change should aid the losers in minimizing their losses, The Economic Research Center was asked to conduct a study on the manpower situation in Hawaii. This report provides the framework for the study by identifying the questions to be asked and developing the methodology with which to answer them. After reviewing the literature on trends in labor productivity in Hawaii, a new model was developed based on cross section data, measuring each factor's contribution to an increase in productivity. Several measures may be used to minimize the impact of technological

change on the worker displaced by the substitution of capital for labor. Because these measures require forecasting of manpower skill requirements, the Center developed methodology for studies to forecast the timing of major technical innovations and changes in demand in the product market. (BH)

VT 011 879 ED 043 773

GORMAN, ANNA M.

REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOME MAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-3-7-000158-2037 24  
BR-7-0158

THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210  
PUB DATE - OCT 70 155P.

DESCRIPTORS - \*CONFERENCE REPORTS; CONSUMER ECONOMICS; \*CONSUMER EDUCATION; CURRICULUM DEVELOPMENT; \*EDUCATIONAL RESEARCH; \*HOMEMAKING EDUCATION; OCCUPATIONAL ECONOMICS; RESEARCH DESIGN; RESEARCH METHODOLOGY; \*RESEARCH NEEDS; RESEARCH PROBLEMS; TEACHER EDUCATION

ABSTRACT - TO DETERMINE PRIORITIES FOR CRITICAL PROBLEMS FACING CONSUMER AND HOME MAKING EDUCATION AND PLAN RESEARCH PROJECTS WHICH FOCUS ON THESE CRITICAL PROBLEMS, A 5-DAY CONFERENCE WAS ATTENDED BY 107 VOCATIONAL-TECHNICAL EDUCATION SPECIALISTS AND EDUCATORS. CONFERENCE SESSIONS WERE PLANNED TO (1) IDENTIFY CRITICAL RESEARCH PROBLEM AREAS AND PREPARE A PRIORITY LIST, (2) DESCRIBE RESEARCH STRATEGIES, METHODOLOGIES, AND INSTITUTIONAL-STATE RESOURCES TO CONTRIBUTE TO THE SOLUTION OF THESE PROBLEMS, (3) DETERMINE LINES OF COORDINATION FOR COMPLETION OF RESEARCH PROJECTS, AND (4) DISSEMINATE CONFERENCE PROCEEDINGS. ACTIVITIES INCLUDED PANEL DISCUSSIONS AND REACTIONS, GROUP WORK, AND THESE PRESENTATIONS: (1) "THE CHALLENGE OF BEING ONE" BY A.J. MILLER, (2) "WHAT'S WRONG (RIGHT) WITH EVALUATION" BY J. WALKER, (3) "SIMULATION MATERIALS AND TECHNIQUES: INSTRUCTIONAL TOOLS FOR VOCATIONAL EDUCATION LEADERSHIP PREPARATION" BY D.L. WARD, (4) "THE DELPHI TECHNIQUE: A TOOL FOR INQUIRY," BY K.E. GRAY, (5) "DEVELOPING A RESEARCH PROBLEM" BY F.C. PRATZNER, AND (6) "DIFFERENTIATED STAFFING FOR VOCATIONAL AND TECHNICAL EDUCATION IN THE COMMUNITY JUNIOR COLLEGE" BY J.P. ARNOLD. (SB)

VT 011 962 ED 043 782

INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.

MARYLAND STATE DEPT. OF EDUCATION, BALTIMORE.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-1-9-300196-2495(085) 08  
BR-9-0196

PUB DATE - AUG 70 24P.

DESCRIPTORS - CURRICULUM DEVELOPMENT; DATA COLLECTION; EDUCATIONAL COORDINATION; \*EDUCATIONAL RESEARCH; EVALUATION; FINANCIAL SUPPORT; \*OBJECTIVES; \*RESEARCH COORDINATING UNITS; \*RESEARCH DESIGN; \*RESEARCH NEEDS; RESEARCH PROJECTS; TECHNICAL EDUCATION; VOCATIONAL EDUCATION  
IDENTIFIERS - \*MARYLAND

ABSTRACT - ORIGINALLY FUNDED UNDER THE VOCATIONAL EDUCATION ACT OF 1963 AND SUBSEQUENTLY UNDER PART C OF THE 1968 AMENDMENTS, THE MARYLAND RESEARCH COORDINATING UNIT (RCU) STARTED OPERATION IN JANUARY 1969 BY RECRUITING A STAFF AND SECURING THE NECESSARY EQUIPMENT. ONCE THESE NEEDS WERE SATISFIED THE MAJOR ACTIVITIES OF THE STAFF EVOLVED AROUND (1) STATE PLAN DEVELOPMENT, (2) THE DESIGN OF DATA AND INFORMATION COLLECTION INSTRUMENTS TO FACILITATE PLANNING, EVALUATION, AND REPORTING, (3) THE DESIGN OF AN EVALUATION SYSTEM, (4) WORK PRELIMINARY TO THE DESIGN OF RESEARCH IN HEALTH OCCUPATIONS AND INDUSTRIAL ARTS, AND (5) RESEARCH ASSOCIATED WITH THE APPLIED MATHEMATICS CURRICULUM DEVELOPMENT. FUTURE ACTIVITIES INCLUDE RECOMMENDED RESEARCH IN THE AREAS OF OCCUPATIONAL PROGRAMS, ORGANIZATION AND ADMINISTRATION OF PROGRAMS, AND REGIONAL OR STATE-WIDE EVALUATION STUDIES. (AUTHOR/JS)

STUDENTS,  
OCCUPATIONAL GUIDANCE  
AND OTHER STUDENT  
PERSONNEL SERVICES



VT 009 606

Erickson, Reynold M., Ed., And Others  
Career Opportunities Through Apprenticeship.

Minnesota State Dept. of Education, St. Paul.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 68 41p.

DESCRIPTORS - \*APPRENTICESHIPS; \*CAREER CHOICE; WORK EXPERIENCE PROGRAMS; \*TRADE AND INDUSTRIAL EDUCATION; \*CAREER OPPORTUNITIES; CAREER PLANNING; \*EMPLOYMENT OPPORTUNITIES; SELF CONCEPT; OCCUPATIONAL INFORMATION; METAL WORKING OCCUPATIONS; BUILDING TRADES

ABSTRACT - This guide on career opportunities through apprenticeship is intended for students preparing to choose a future career and examines apprenticeship as a means of learning while doing. It discusses for the student: (1) Exploring and Planning for a Career in an Apprenticeable Occupation, (2) Know Yourself Before Choosing a Career as an Apprentice, (3) You as an Apprentice in the Apprenticeship Program, (4) Making Decisions, (5) Preparing Yourself for an Apprenticeable Trade, (6) How to Apply for Apprenticeship, (7) What the Employer Expects, (8) Apprenticeship Opportunities, and (9) Descriptions of the 16 Apprenticeable Trades in Minnesota. A list of other helpful publications, sample copies of the apprenticeship application form, apprenticeship agreement, and the certificate of completion of apprenticeship, and a Minnesota State Employment Service Directory of Offices are appended. (GR)

VT 010 473

ED 042 884

ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINESVILLE, FLORIDA, JUNE 1969).

SANTA FE JUNIOR COLL., GAINESVILLE, FLA.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUB DATE - OCT 69 57p.

DESCRIPTORS - COUNSELOR ROLE; COUNSELOR TRAINING; EDUCATIONAL PHILOSOPHY; \*EDUCATIONAL TRENDS; GROUP COUNSELING; \*SECONDARY SCHOOL COUNSELORS; TESTING; \*VOCATIONAL COUNSELING; \*VOCATIONAL EDUCATION; \*WORKSHOPS  
IDENTIFIERS - COUNSELOR WORKSHOPS

ABSTRACT - THE PURPOSE OF THIS SUMMER WORKSHOP WAS TO ENHANCE COMMUNICATION CHANNELS BETWEEN THE PUBLIC SCHOOL AND COLLEGE PERSONNEL, TO ACQUAINT PUBLIC SCHOOL PERSONNEL WITH RESOURCES FOR ENLARGING THEIR COUNSELING PROGRAMS, AND TO EXPAND UPON THE CONCEPT OF VOCATIONAL COUNSELING. PRESENTATIONS INCLUDED (1) "NEW DIMENSIONS/PROBLEMS IN SECONDARY SCHOOL COUNSELING" BY CLIFFORD R. LEBLANC, (2) "FUTURE DIMENSIONS IN VOCATIONAL-TECHNICAL EDUCATION" BY E.L. KURTH, (3) "INTRODUCTION TO GROWTH GROUP EXPERIENCES" BY TAL MULLIS, (4) "NEW PERSPECTIVES IN GROUP WORK" BY RICHARD BLOUCH, (5) "COUNSELING THE DISADVANTAGED" BY J.D. BECK, (6) "COUNSELOR USE OF TESTS" BY MARLIN R. SCHMIDT, AND (7) SUMMARY AND CONCLUSIONS BY APRIL O'CONNELL. (CH)

VT 010 997

Creel, Jane  
Careers in Home Economics.

New York State Dept. of Commerce, New York. Women's Programs.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jan69 5p.

DESCRIPTORS - \*HOME ECONOMICS EDUCATION; \*EMPLOYMENT OPPORTUNITIES; \*CAREER OPPORTUNITIES; \*OCCUPATIONAL INFORMATION; CAREER PLANNING; \*COLLEGE GRADUATES

ABSTRACT - This brochure provides job opportunities for those who select home economics as a career. Careers are charted for specialization in: (1) art, (2) family relations and child development, (3) family economics and home management, (4) food and nutrition, (5) home economics education, (6) home furnishings and equipment, (7) institution administration, and (8) textiles and clothing. (SB)

VT 011 010

Frericks, D., Ed.; Schnack, D., Ed.  
The Ohio Apprenticeship Notebook for School Counselors.

Ohio State Dept. of Education, Columbus. Div. of Guidance and Testing.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Mar70 67p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*OCCUPATIONAL INFORMATION;  
\*APPRENTICESHIPS; \*VOCATIONAL COUNSELING; \*CAREER PLANNING; HIGH SCHOOL STUDENTS;  
OCCUPATIONAL GUIDANCE; WAGES

ABSTRACT - Developed from employment figures and other data provided by the records of the State Apprenticeship Council of Ohio, this publication is designed to enable counselors to provide high school students and young adults with occupational information. The 35 apprenticeable trades are classified according to building and construction, metal, printing, and miscellaneous trades. A job description, information on wages, eligibility requirements, suggested high school courses, selection criteria, and cities where apprenticeship training is available accompany each trade. An introductory section contains a description of apprenticeships, definitions of terms, Equal Opportunity Standards of the Ohio State Plan, related training in a vocational program, and deferment possibilities for apprentices. A listing of apprenticeable trades in Ohio and sources of information about apprenticeships are appended. (SP)

VT 011 186

Careers in the Logging Industry. An Outline of Career Opportunities for Work in the Woods.

Oregon State Dept. of Employment, Salem.  
DOCUMENT NOT AVAILABLE FROM EDRS.  
State of Oregon, Employment Division, Salem, Oregon 97310.  
PUB DATE - ND 28p.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*CAREER OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES; \*LUMBER INDUSTRY; CAREER PLANNING; \*OCCUPATIONAL INFORMATION

ABSTRACT - This brochure contains information on career opportunities in the logging industry and is illustrated with photographs and organizational charts. Also included are a glossary of logging terms and addresses for obtaining information on logging employment and training opportunities. (SP)

VT 011 326

Sedivy, Evelyn, Ed.; Williams, Mary H., Ed.  
Handbook of Aerospace-Related Occupations.

Lincoln Public Schools, Nebr. Aerospace Curriculum Development Project.  
Office of Education (DHEW), Washington, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 178p.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*OCCUPATIONAL GUIDANCE; \*AEROSPACE INDUSTRY;  
\*EMPLOYMENT OPPORTUNITIES; \*EMPLOYMENT QUALIFICATIONS; VOCATIONAL COUNSELING; JOB SKILLS; AEROSPACE TECHNOLOGY; AVIATION TECHNOLOGY; WAGES; EDUCATIONAL NEEDS; EMPLOYMENT PROJECTIONS  
IDENTIFIERS - \*ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III; ESEA TITLE III

ABSTRACT - Developed by junior and senior high school teachers during two workshops, this handbook provides a listing of occupations in aerospace-related areas. Occupations are grouped under: (1) Aerospace Industry, including subgroups of scientists and engineers, technicians, production workers, and administrative and support personnel, (2) Civil Aviation, including subgroups of air carrier and general aviation, and (3) Government, including subgroups at the federal, state, and local levels. Each job description includes a brief resume of the nature of the work, requirements for entering the occupation, approximate wages, opportunities for advancement, and an estimate of the future employment demand. Sources of occupational information complete each subgroup. (SB)

VT 011 344

A Job with the Forest Service. A Guide to Nonprofessional Employment. Miscellaneous Publication No. 843.

Department of Agriculture, Washington, D.C. Forest Service.  
MF AVAILABLE IN VT-ERIC SET.  
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402  
(A1.38:843/9, \$ .15).  
PUB DATE - Feb70 20p.

DESCRIPTORS - \*FORESTRY; \*FORESTRY OCCUPATIONS; \*EMPLOYMENT OPPORTUNITIES;  
\*OCCUPATIONAL INFORMATION \*CAREER PLANNING; EDUCATIONAL PROGRAMS; WORK EXPERIENCE

ABSTRACT - Answers are given to 14 questions most frequently asked about careers in the Forest Service. Questions relate to the functions of the Forest Service, job opportunities, training requirements, training opportunities, salaries, and work experience. Addresses of Regional Foresters and Interagency Boards of the United State Civil Service Examiners and a map showing the national forest system are included. (SB)

VT 011 401 ED 042 898

LEWIS, CHARLES E., JR.

SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-2-7-070348-2698 08

BR-7-0348

PUB DATE - 69 168P.

DESCRIPTORS - EDUCATIONAL NEEDS; EDUCATIONAL RESEARCH; \*HIGH SCHOOL STUDENTS; \*MALES;  
\*OCCUPATIONAL ASPIRATION; \*RACIAL INTEGRATION; RACIAL SEGREGATION; SOCIAL INTEGRATION;  
\*VOCATIONAL EDUCATION; VOCATIONAL INTERESTS  
IDENTIFIERS - \*NORTH CAROLINA

ABSTRACT - TO INVESTIGATE THE RELATIONSHIP BETWEEN RACIAL INTEGRATION AND STUDENT'S LEVEL OF OCCUPATIONAL EXPECTATION, QUESTIONNAIRE DATA WERE OBTAINED FROM A SAMPLE OF 1,264 HIGH SCHOOL MALE SENIORS IN 84 INTEGRATED AND SEGREGATED SCHOOLS IN NORTH CAROLINA. ANALYSIS OF INTEGRATION AND EXPECTATION IN RELATION TO SOCIOECONOMIC STATUS, SIZE OF SCHOOL, COMMUNITY ORIENTATION, KNOWLEDGE OF OCCUPATIONAL EDUCATION OPPORTUNITIES, AND OCCUPATIONAL PREPARATION BEHAVIOR REVEALED: (1) IN INTEGRATED SCHOOLS, WHITE STUDENTS HAVE HIGHER OCCUPATIONAL EXPECTATION LEVELS THAN NONWHITE STUDENTS EXCEPT WHEN SOCIOECONOMIC STATUS IS LOW, THE SCHOOL IS SMALL, OR SOCIAL INTEGRATION IS HIGH, (2) WHETHER WHITE OR NONWHITE, SEGREGATED OR INTEGRATED, URBAN STUDENTS HAVE HIGHER EXPECTATIONS THAN RURAL STUDENTS, (3) LEVEL OF OCCUPATIONAL EXPECTATION IS POSITIVELY RELATED TO SOCIOECONOMIC STATUS FOR BOTH WHITE AND NONWHITE STUDENTS, AND (4) IN SEGREGATED SCHOOLS THE EXPECTATION LEVEL OF WHITE AND NONWHITE STUDENTS DOES NOT DIFFER REGARDLESS OF SOCIOECONOMIC STATUS. THE RESULTS IMPLY THAT THE PHYSICAL AND SOCIAL DIMENSIONS OF INTEGRATION AS WELL AS RACE OF THE STUDENT INFLUENCE OCCUPATIONAL EXPECTATIONS QUITE DIFFERENTLY. RESULTS ALSO SUGGEST A NEED FOR OCCUPATIONAL EDUCATION PROGRAMS THAT WOULD EMPHASIZE SOCIAL INTEGRATION AS A MEANS OF RAISING EXPECTATION LEVELS. (AUTHOR/SB)

VT 011 786

A Conversation with Lynda.

American Vocational Association, Washington D.C.

MF AVAILABLE IN VT-ERIC SFT.

Publication Sales, American Vocational Association, 1510 H Street, N.W., Washington, D.C. 20005 (\$3.75).

PUB DATE - ND 14p.

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*RELEVANCE (EDUCATION); \*STUDENT ATTITUDES;  
\*COUNSELING

ABSTRACT - This booklet contains some thoughts and experiences of Lynda, a student at a vocational-technical center, which reveal the loyalty that she and other students feel for teachers and the school. These excerpts suggest that vocational educators need to reexamine the responsibility that goes with caring for people as individuals and the objectivity required in meeting loyalty. They are also intended for those responsible for providing programs who often become too preoccupied with large sums, numbers, and quantities at the expense of the individual. (SB)

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TEACHERS AND  
TEACHER EDUCATION  
SECTION

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VT 009 389

Hill, Charles R.

Articulation of Courses and Curricula for Industrial Teacher Preparation.

Saint Louis Junior College District, Mo.

Southern Illinois Univ., Carbondale.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 15Apr69 26p.

DESCRIPTORS - \*COMMUNITY COLLEGES; \*JUNIOR COLLEGES; \*TEACHER EDUCATION; \*INDUSTRIAL EDUCATION; PROGRAM DEVELOPMENT; TEACHER RECRUITMENT; \*ARTICULATION (PROGRAM)

ABSTRACT - The need for industrial teachers at the community-junior colleges and viewpoints on how to help increase the supply of industrial teachers is the major focus of this paper. Several issues or problems are pointed out and briefly answered. The community-junior colleges were suggested as being especially suited to help increase the supply of industrial teachers because they: (1) extend educational opportunity, (2) make college accessible, (3) lower student cost, (4) have an "open-door" admissions policy, (5) are "second-chance colleges," (6) offer a variety of programs, (7) offer occupational education, (8) aim toward carrying courses with transfer credit, (9) deal with inadequacies in the student's educational background, and (10) offer college attendance and career choice counseling. Additional information on educational, business, and industrial considerations were pointed out as having a bearing on the supply and demand of industrial teachers. Specific recruiting activities are described. (GR)

VT 010 271

Eno, Richard S.

Qualifications for Technical Teachers in Engineering Technologies in New York State Two-Year Colleges and Facilities for Developing Such Teachers.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 15Oct68 195p.

DESCRIPTORS - \*TEACHER QUALIFICATIONS; TECHNICAL EDUCATION; TEACHER RESPONSE; QUESTIONNAIRES; \*STATE SURVEYS; VOCATIONAL SCHOOLS; TABLES (DATA)  
IDENTIFIERS - NEW YORK STATE

ABSTRACT - A total of 131 engineering technology teaching personnel completed instruments to help identify the qualifications of competent technical teachers of 2-year colleges in New York State. The instrument requested such information as: (1) initial preparation, (2) in-service professional development, (3) components of the total ability required, (4) pros and cons regarding the teaching of technical courses, and (5) pros and cons regarding the facilities for developing technical teachers. Lengthy conclusions are drawn for each of the following subsections: (1) Perspectives, (2) The Transcendental Element, (3) Technical Competency, (4) Professional Development Prior to Entering Technical Teaching, and (5) Professional Development After Entering Technical Teaching. Nine recommendations are included. All items mentioned in the study, including the instrument, are appended. (GR)

VT 010 700

Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).

Oak Ridge Associated Universities, Tenn.

Tennessee Univ., Knoxville.

Union Carbide Corp., Oak Ridge, Tenn. Nuclear Div.

Office of Education (DHEW), Washington, D.C.

Department of Labor, Washington, D.C.

Atomic Energy Commission, Oak Ridge, Tenn.

MF AVAILABLE IN VT-ERIC SET.

FD-44

PUB DATE - 27Dec67 13p.

DESCRIPTORS - \*INSERVICE TEACHER EDUCATION; \*TEACHERS; \*SUMMER INSTITUTES; \*RECRUITMENT; SELECTION; \*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; HIGH SCHOOLS; TABLES (DATA); POST SECONDARY EDUCATION

ABSTRACT - One hundred teachers were accepted for a summer inservice teacher institute for vocational and technical teachers at high school and post-high school levels. The institute was established to update experience in professional industrial education and

modern industrial technology. A selection committee was appointed to screen the applicants who were teachers contracted to teach a major portion of their time in the subject area for which they applied. Participants received \$75 per week while attending plus allowances for children, and teachers completing the program were eligible for 12 hours of graduate or undergraduate credit. A profile of the candidates includes: (1) 66 percent of the teachers selected were scheduled to spend 100 percent of their teaching time in the major area for which they were enrolled, (2) The average total years of trade experience in the specialty areas was 12.9 years and average teaching experience was 5.9 years, and (3) The mean education was 13.7 years. A course outline for the summer inservice teacher education program is available as VT 010 697 (AIM Spring 1971). (BC)

VT 010 974

Seminar for Instructors and Directors of Selected Health Related Programs. Final Report (St. Petersburg Junior Coll., Fla., June 8-13, 1969).

Florida State Dept. of Education, Tallahassee. Div. of Vocational, Technical and Adult Education.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun69 38p.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*SEMINARS; \*EDUCATIONAL PLANNING; \*EDUCATIONAL PROGRAMS; PROFESSIONAL PERSONNEL; NONPROFESSIONAL PERSONNEL; MODELS

ABSTRACT - Opportunity for consultation and group consideration of problems in health-related educational programs was the purpose of this 5-day seminar attended by 28 educators and directors from selected health-related programs in Florida. Group discussions and reading assignments were based on presentations by: (1) Andrew Doyle, who introduced an approach to education planning using a 5-part instructional model, (2) Ralph Kuhli, who reviewed statistical information for professional and supportive personnel in health and community service areas, and (3) L. M. Detmer, who described the activities and focus of the work being planned by the American Hospital Association. Written evaluations by the participants revealed a generally positive reaction. Major recommendations were: (1) hold several sessions during the year for shorter periods, (2) include structured group sessions in specialty areas, and (3) include other vocational-technical areas in future seminars. (SB)

VT 011 094

ED 042 893

VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.

MICHIGAN UNIV., ANN ARBOR. SCHOOL OF EDUCATION.

MICHIGAN STATE DEPT. OF EDUCATION, LANSING.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - 70 31p.

DESCRIPTORS - \*BUSINESS EDUCATION; CREDENTIALS; NATIONAL COMPETENCY TESTS; \*OFFICE OCCUPATIONS EDUCATION; TEACHER CERTIFICATION; \*TEACHER EDUCATION CURRICULUM; \*TEACHER EVALUATION; \*TESTS; WORK EXPERIENCE

ABSTRACT - A COMPETENCY EXAMINATION WAS DEVELOPED TO ASSIST IN CERTIFICATION AS WELL AS TO INCREASE THE SUPPLY OF VOCATIONAL BUSINESS AND OFFICE EDUCATION TEACHERS. THE RATIONALE FOR THE EXAMINATION WAS DERIVED FROM REVIEWING LITERATURE AND GATHERING INFORMATION FROM 12 STATES, 25 COORDINATORS, SPECIAL MEETINGS, AND BEFORE-AND-AFTER QUESTIONNAIRES COMPLETED BY 41 GRADUATE STUDENTS. THE EXAMINATION CONSISTS OF THREE PARTS DESIGNED TO TEST COMPETENCIES IN TECHNICAL CONTENT AND SKILLS, PROFESSIONAL VOCATIONAL TEACHER EDUCATION, AND WORK EXPERIENCE. SUGGESTIONS ARE GIVEN FOR THE TYPE OF EXAMINATION TO TEST EACH COMPETENCY AREA AS WELL AS FOR ADMINISTERING PROCEDURES. THE LETTER OF INQUIRY, MAILING LIST, AND SUPPLEMENTARY COMMENTS ARE APPENDED. (SB)

VT 011 096

The Preparation of Professional Personnel for Vocational Technical Education.

Office of Education (DHEW), Washington, D.C. Bureau of Research.

MF AVAILABLE IN VT-ERIC SET.

OEG-0-8-080358-3594

08

BR-8-0358

PUB DATE - Jun69 14p.

DESCRIPTORS - \*MODELS; \*PROGRAM IMPROVEMENT; \*PROGRAM ADMINISTRATION; \*VOCATIONAL EDUCATION TEACHERS; \*TEACHER SUPPLY AND DEMAND; TEACHER EDUCATION; PROFESSIONAL PERSONNEL; ADMINISTRATIVE ORGANIZATION; PROGRAM COORDINATION; FEDERAL AID; GUIDELINES

ABSTRACT - A model for resolving critical problems of supply and demand for vocational education personnel is based on organizational and operational strategies recommended in a 1968 seminar held at The University of Nebraska and attended by college administrative officers, State vocational education directors, vocational-technical teacher educators, and Office of Education staff. Concerning the administration of programs for the development of professional personnel, the model specifies steps necessary for departmental organization, program coordination, administrative structure, professional goals, selection and recruitment, and use of available federal assistance. A report of the seminar is available as ED 030 763 or VT 008 953 (ARM Fall 1970). (CH)

VT 011 233

Hoerner, Thomas A.

Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture. Teacher Education Research Series, Volume 9, Number 3.

Pennsylvania Agricultural Experiment Station, University Park.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 68 30p.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*AGRICULTURAL ENGINEERING; \*TEACHING SKILLS; \*TEACHER QUALIFICATIONS; TEACHING EXPERIENCE; INSERVICE TEACHER EDUCATION; INSERVICE COURSES; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION

ABSTRACT - To determine the level of mechanics skills, abilities, and understandings needed and possessed by agriculture teachers, a survey form was administered to 133 Pennsylvania agriculture teachers attending inservice agricultural mechanics classes. The survey sought general information as well as the degree of competence needed and possessed for 148 skills, abilities, and understandings related to agricultural mechanics. The teachers averaged 27 years of age and had taught an average of 11.8 years of high school agriculture and 5.5 years of young farmer and adult farmer education. Units most frequently mentioned as being in the 4-year program and as having been taught were arc welding, carpentry construction, oxy-acetylene brazing and cutting, and agricultural machinery. The skill group rated at the highest degree of need and competence was welding and metals, while irrigation and soils was rated at the least degree of need and competence. With the exception of one skill, the mean level of needed competence was higher than the mean level of possessed competence, showing that teachers could profit from a continuing program of inservice education in agricultural mechanics. (SB)

VT 011 433

ED 042 901

CAMERON, WALTER A.; COTRILL, CALVIN J.

REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$3.29 OEG-3-7-000158-2037 08

BR-7-0158

THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210 (\$2.00)

PUB DATE - JUL 70 86p.

DESCRIPTORS - BEGINNING TEACHERS; COMPARATIVE ANALYSIS; \*FEEDBACK; \*INSERVICE EDUCATION; LESSON OBSERVATION CRITERIA; \*MICROTEACHING; TEACHER EVALUATION; TEACHER IMPROVEMENT; \*VIDEO TAPE RECORDINGS; VOCATIONAL EDUCATION; \*VOCATIONAL EDUCATION TEACHERS

ABSTRACT - THREE REMOTE FEEDBACK TECHNIQUES INVOLVING MICRO-TEACHING AND VIDEO RECORDING WERE TESTED TO FACILITATE INSERVICE TEACHER EDUCATION TO TEACHERS IN ISOLATED CIRCUMSTANCES. FROM A POPULATION OF 57 BEGINNING TEACHERS OF HEALTH OCCUPATIONS EDUCATION, TRADE AND INDUSTRIAL EDUCATION, AND TECHNICAL EDUCATION IN COLORADO, A SAMPLE OF 39 TEACHERS WAS SELECTED RANDOMLY AND ASSIGNED TO THREE EQUAL-TREATMENT GROUPS. THE PRETEST-POSTTEST CONTROL GROUP DESIGN WAS SELECTED TO STUDY VIDEO-PHONE FEEDBACK, VIDEO-MAIL FEEDBACK, AND VIDEO-SELF-EVALUATION. A PANEL OF TWO EXPERIENCED STATE SUPERVISORS RATED THE 5-MINUTE PRETEST LESSON AND THE POSTTEST PERFORMANCE OF THE TEACHERS WITH A SIX-POINT RATING SCALE. IN ADDITION, A SATISFACTION SCALE AND A REACTION QUESTIONNAIRE WERE ADMINISTERED. CONCLUSIONS WERE: (1) FEEDBACK FROM THE TEACHER EDUCATOR VIA MAILED VIDEOTAPE PRESENTATIONS OR VIA TELEPHONE HAD NO MORE EFFECT ON IMPROVING TEACHER PERFORMANCE THAN A VIDEO-SELF-EVALUATION, (2) TEACHER SATISFACTION WITH THE THREE REMOTE TECHNIQUES WAS NOT DEPENDENT UPON THE TYPE OF FEEDBACK RECEIVED,



AND (3) REMOTE TECHNIQUES IN AN INSERVICE PROGRAM WERE FOUND FEASIBLE AND DID HELP BEGINNING TEACHERS ANALYZE AND CHANGE THEIR TEACHING BEHAVIOR. (GR)

VT 011 634 ED 043 740

SPRECHER, ROBERT E.

PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 169P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; \*Q SORT; \*QUESTION ANSWER INTERVIEWS; \*ROLE PERCEPTION; ROLE THEORY; TEACHER ROLE; \*TRADE AND INDUSTRIAL TEACHERS; VOCATIONAL DIRECTORS; \*VOCATIONAL EDUCATION TEACHERS

ABSTRACT - THE Q-TECHNIQUE WAS EMPLOYED IN THE PERSONAL INTERVIEW WITH 20 AREA SCHOOL DIRECTORS, 40 TRADE TEACHERS, AND 40 ACADEMIC TEACHERS, LOCATED IN 20 COMPREHENSIVE HIGH SCHOOL DISTRICTS IN MISSOURI WHICH WERE SERVED BY AN AREA VOCATIONAL SCHOOL. COMPARISONS BETWEEN PERCEPTIONS WERE MEASURED BY CORRELATIONAL ANALYSIS OF TWO-WAY ANALYSIS OF VARIANCE TESTS WERE USED TO DETERMINE SIGNIFICANT DIFFERENCES. CONCLUSIONS WERE: (1) ALL THREE GROUPS ARE IN RELATIVELY CLOSE AGREEMENT IN REGARD TO WHAT EACH BELIEVES THE ROLE OF THE TRADE TEACHER SHOULD BE IN THE SCHOOL ENVIRONMENT, (2) ROLE FUNCTIONS AS PERCEIVED BY TRADE TEACHERS ARE THOSE THAT THE DIRECTORS WOULD HAVE THEM PERFORM, (3) TRADE TEACHERS EXPRESS MORE CONFIDENCE IN THEIR ABILITY TO ASSESS THE DIRECTORS' VIEWS THAN DO ACADEMIC TEACHERS, (4) TRADE TEACHERS ERRONEOUSLY EXPECT THAT THE ACADEMIC TEACHERS WOULD HAVE THEM ASSUME DIFFERENT ROLES, (5) DIRECTORS AND ACADEMIC TEACHERS AGREE IN THEIR PERCEPTIONS OF THE ROLE BEHAVIOR OF TRADE TEACHERS, AND (6) THE TRADE TEACHER'S ROLE IS NOT AFFECTED BY THE LOCATION OF THE AREA SCHOOL. THIS PH.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR)

VT 011 675

Weber, Edwin Junior

The Development of Performance Objectives for Teacher-Coordination of Cooperative Occupational Training Programs.

DOCUMENT NOT AVAILABLE FROM EDRS.

University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.

PUB DATE - 70 145p.

DESCRIPTORS - \*INSTRUCTOR COORDINATORS; \*PERFORMANCE CRITERIA; EVALUATION TECHNIQUES; \*TEACHER EDUCATION; \*COOPERATIVE EDUCATION; OFFICE OCCUPATIONS EDUCATION; QUESTION ANSWER INTERVIEWS; DISTRIBUTIVE EDUCATION; \*PERFORMANCE FACTORS

ABSTRACT - The general purpose of this study was to identify, classify, evaluate, and state in behavioral language the job-related activities of the teacher-coordinator of a Cooperative Occupational Training (COT) program in office and distributive education. Data were collected in interviews with 24 teacher-coordinators identified by experts as "effective" practitioners in on-going programs; representativeness was not a factor in selection. Interview data included: (1) normative data about the respondent, (2) whether the respondent did perform the task, (3) whether the respondent felt the task should be performed, (4) indication of importance of the task to the respondent, and (5) a priority ranking of eight major performance classifications. Recommendations are included for: (1) planning preservice and inservice preparatory programs based on performance objectives in systems of education for teacher-coordinators, (2) using performance objectives in developing evaluation instruments, (3) using performance objectives in determining and evaluating vocational certification requirements, and (4) increasing research in certain problem areas. This Ph.D. dissertation was submitted to the University of Michigan. (AUTHOR/BH)

VT 011 685 ED 043 743

SLATER, JOHN BREISCH

SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 198P.

DESCRIPTORS - BIBLIOGRAPHIES; \*COLLEGE TEACHERS; CURRICULUM DEVELOPMENT; DOCTORAL THESES; \*EDUCATIONAL NEEDS; \*ELECTRONICS; \*INDUSTRIAL EDUCATION; NATIONAL SURVEYS; PROGRAM IMPROVEMENT; \*TEACHER EDUCATION



ABSTRACT - A SURVEY OF 133 INDUSTRIAL EDUCATION ELECTRONICS INSTRUCTORS IN 115 4-YEAR COLLEGES AND UNIVERSITIES IN 40 STATES WAS CONDUCTED TO DETERMINE THE EXPRESSED NEEDS OF COLLEGE LEVEL ELECTRONICS INSTRUCTORS FOR UPDATING EDUCATIONAL EXPERIENCES IN SPECIFIED ELEMENTS. AN ATTEMPT WAS ALSO MADE TO DETERMINE THE NATURE OF COURSE CONTENT NEEDED IN GRADUATE LEVEL PROGRAMS. FINDINGS AND CONCLUSIONS INCLUDED: (1) 20 PERCENT OF THE PARTICIPANTS GRADUATED PRIOR TO 1950, 30 PERCENT DURING THE PERIOD 1950 TO 1960, AND 50 PERCENT GRADUATED AFTER 1960, (2) ONLY SLIGHT DIFFERENCES IN PERSONAL EDUCATIONAL NEEDS WERE REPORTED IN VARIOUS BACCALAUREATE DEGREE CATEGORIES, (3) THOSE GRADUATING BEFORE 1950 TENDED TO REPORT NEEDS CONCERNED WITH THEORIES OF ELECTRONIC FUNCTIONS, (4) INSTRUCTORS GRADUATING DURING THE PERIOD 1950 TO 1960 REPORTED LESS NEED FOR THE STUDY'S ELEMENT THAN THOSE IN THE OTHER GROUPS, (5) INSTRUCTORS GRADUATING SINCE 1960 INDICATED A NEED FOR CONTENT RELATED TO THE PRACTICAL APPLICATION OF TECHNIQUES INVOLVED IN THE SERVICE OF ELECTRONIC DEVICES, AND (6) COURSE CONTENT SHOULD INCLUDE ALL APPROPRIATE CONCEPTS. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 689 ED 043 747

BAKER, C. LEWIS

AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 142P.

DESCRIPTORS - \*AUTOMATION; BIBLIOGRAPHIES; COLLEGE PROGRAMS; COMPARATIVE ANALYSIS; \*CYBERNETICS; DOCTORAL THESES; EDUCATIONAL NEEDS; EVALUATION METHODS; INDUSTRIAL ARTS; \*INDUSTRIAL ARTS TEACHERS; \*INDUSTRY; QUESTIONNAIRES; \*TEACHER EDUCATION; TEACHER EDUCATORS

ABSTRACT - TABULATED AND ANALYZED DATA FROM TWO QUESTIONNAIRES RETURNED BY 84 (92.3 PERCENT) INDUSTRIAL ARTS EDUCATORS AND 20 (35 PERCENT) SELECTED INDUSTRIES, WERE USED TO DETERMINE THE OFFERINGS IN AUTOMATION AND CYBERNETICS AT INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS AND TO COMPARE THESE OFFERINGS WITH CURRENT PRACTICES IN INDUSTRY. CONCLUSIONS WERE: (1) TEACHERS ARE BEING PREPARED IN PROGRAMS THAT ARE NOT REPRESENTATIVE OF CURRENT INDUSTRIAL PRACTICES, (2) SOME EQUIPMENT USED FOR BUSINESS COULD PROVIDE EXPERIENCES FOR INDUSTRIAL ARTS STUDENTS, (3) THERE IS A LACK OF QUALIFIED PERSONNEL TO PROVIDE OFFERINGS IN AUTOMATION AND CYBERNETICS, (4) OFFERINGS ARE AFFECTED BY THE PROGRAM ENROLLMENT, THE NUMBER OF INSTRUCTORS AND THE EXISTENCE OF TECHNICAL OR SIMILAR PROGRAMS. (5) THERE IS A NEED TO UNDERSTAND AUTOMATION AND CYBERNETICS PROGRAMS, (6) THE USE OF NEW TECHNIQUES WILL TAKE MUCH OF PRODUCTION CONTROL AND MACHINE CONTROL OUT OF THE FACTORY, (7) INCREASED SPECIALIZATION AND GREATER EDUCATIONAL ATTAINMENT WILL AFFECT INDUSTRIAL PERSONNEL, AND (8) TOPICS AND CONCEPTS SHOULD BE USED AS A BASIS FOR THE COURSE DEVELOPER TO BEGIN TAILORING CONTENT TO ACHIEVE SPECIFIC TERMINAL OBJECTIVES. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 707 ED 042 915

HARRINGTON, FRID WHITNEY

DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 102P.

DESCRIPTORS - COLLEGE STUDENTS; \*COMPARATIVE ANALYSIS; \*DISTRIBUTIVE EDUCATION; INDIVIDUALIZED INSTRUCTION; \*INSTRUCTOR COORDINATORS; \*JOB SKILLS; PREDICTIVE MEASUREMENT; PROGRAM COORDINATION; \*TEACHER EDUCATION  
IDENTIFIERS - SELF INSTRUCTIONAL PACKAGE

ABSTRACT - TO HELP COOPERATIVE EDUCATION TEACHER-COORDINATORS BRIDGE THE GAP BETWEEN PRESERVICE TEACHER EDUCATION CLASSES AND ON-THE-JOB COORDINATION SKILL REQUIREMENTS, A PROTOTYPE SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS WAS DEVELOPED WHICH INCLUDED VIDEO RECORDED INTERVIEW MODELS WITH DISCRIMINATION TRAINING. THE PACKAGE WAS THEN TESTED BY USING CONTROL AND EXPERIMENTAL GROUPS OF DISTRIBUTIVE EDUCATION STUDENTS. ANALYSIS WAS FACILITATED BY USING THE PRETEST-POSTTEST METHOD, AN ANALYSIS OF COVARIANCE, PAIRED GROUPS, THE T-TEST, AND A STUDENT OPINIONNAIRE. THE HYPOTHESIS THAT PROSPECTIVE COORDINATORS WHO USE THE SELF-INSTRUCTIONAL PACKAGE SIGNIFICANTLY IMPROVE THEIR PERFORMANCE IN THREE SKILL AREAS AS COMPARED TO THOSE PROSPECTIVE COORDINATORS WHO DO NOT USE THE PACKAGE WAS NOT ACCEPTED. HOWEVER, IT WAS CONCLUDED THAT THOSE USING THE PACKAGE DID IMPROVE THEIR SKILLS. RECOMMENDATIONS RESULTING FROM THE STUDY INCLUDE THE NEED FOR FUTURE RESEARCH TO TEST THE RESULTS OF

USING THE PACKAGE OVER A LONGER TRAINING PERIOD. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (AUTHOR/JS)

VT 011 722

Harris, E. Edward

Requirements for Office and Distributive Education Teacher-Coordination. South-Western Monographs in Business and Economic Education, Monograph 15.

South-Western Publishing Co., Cincinnati, Ohio.

MF AVAILABLE IN VT-ERIC SET.

South-Western Publishing Company, Cincinnati, Ohio 45227.

PUB DATE - Mar67 93p.

DESCRIPTORS - \*INSTRUCTOR COORDINATORS; TEACHER EDUCATION; \*EFFECTIVE TEACHING; \*CRITICAL INCIDENTS METHOD; COOPERATIVE EDUCATION; \*LITERATURE REVIEWS; TASK ANALYSIS; \*COMPARATIVE ANALYSIS

ABSTRACT - To aid meeting preservice and inservice education needs of teacher-coordinators and in developing evaluative instruments for use by supervising administrators as well as in structuring self-evaluative guides for teacher-coordinators, this study sought to identify patterns of thinking and behavior of office and distributive education teacher-coordinators. Findings were based upon the critical behaviors and reasoned-judgment reactions of experienced distributive education and office education teacher-coordinators who were operating state-approved cooperative programs in secondary schools in the state of Illinois during the 1963-1964 school year. The findings demonstrate that the major activities of office education and distributive education teacher-coordinators are similar. A number of critical requirements are listed for both distributive education and office education teacher-coordinators and it is recommended that these be given serious consideration by teacher-educators and others who are responsible for developing and administering preservice education programs. This report is a summary of a 1965 dissertation completed at Northern Illinois University. (AUTHOR/JS).

VT 011 801

Holman, Mary Jo

A Measurement of Attitudes of Home Economics Student Teachers at Oklahoma State University Toward the Mentally Retarded.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jul70 89p.

DESCRIPTORS - \*STUDENT TEACHERS; \*HOME ECONOMICS EDUCATION; \*TEACHER ATTITUDES; \*MENTAL RETARDATION; MASTERS THESES; ATTITUDE TESTS  
IDENTIFIERS - OKLAHOMA

ABSTRACT - Success or failure of the mental retardate's adjustment into the school age population seems to depend upon the attitude of the teacher toward the mentally retarded child. Using a pretested attitude scale, the attitude of 70 home economics student teachers toward the mentally retarded were examined in six areas of conceptualization, including segregation via institutionalization, cultural deprivation, noncondemnatory etiology, personal exclusion, hopelessness, and authoritarianism. It was found that the student teachers tended to be nonauthoritarian in their approach to the subject. They projected the view that the mental retardate should not be removed from the mainstream of society and that segregation via institutionalization was unsuitable. In conflict with this generalized acceptance of the retarded, some were unable to accept intimate contact with the retarded. They seemed to have a noncondemnatory viewpoint toward causal factors of mental retardation, yet were divided in their outlook on the retardate's future. Indecision as to the significance of cultural impoverishment as a contributor to mental retardation was also apparent. This M.S. thesis was submitted to the Oklahoma State University. (AUTHOR/SB)

VT 011 846

Hedges, Lowell; Woodin, Ralph J.

The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.

Ohio State Univ., Columbus. Dept. of Agricultural Education

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun70 40p.

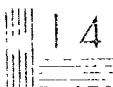
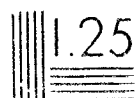
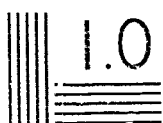
DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*VIDEO TAPE RECORDINGS; \*PRESERVICE EDUCATION; \*STUDENT TEACHING; \*VOCATIONAL AGRICULTURE TEACHERS; TRAINING TECHNIQUES; COOPERATING TEACHERS; COLLEGE SUPERVISORS; STUDENT TEACHERS; TEACHING TECHNIQUES

ABSTRACT - To determine the feasibility of using videotape techniques in preservice teacher education in agricultural education at the Ohio State University, this study utilized data obtained from a jury and a questionnaire. The jury of four agricultural education personnel was selected to view the taped lessons and evaluate the performance of the student teachers. The questionnaire was used to obtain the judgment of student teachers and cooperating teachers as to where and when in the teacher education program the videotape techniques could most effectively be used. The use of videotape techniques was deemed feasible in this teacher preparation program. The videotape recordings were easily incorporated in the methods course and field experiences without extensive revision of course content, field experience activities, or time schedule.  
(GB)





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TEACHING  
AND LEARNING  
SECTION

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TEACHING  
AND LEARNING  
SECTION

VT 009 381

Belbin, R.M.

The Discovery Method in Training. Training Information. Paper 5..

Department of Employment and Productivity, London (England). Training Div.

DOCUMENT NOT AVAILABLE FROM EDRS.

PUB DATE - 69 47p.

DESCRIPTORS - \*DISCOVERY LEARNING; RESEARCH METHODOLOGY; \*PROGRAMED INSTRUCTION;  
FOREIGN COUNTRIES; \*TEACHING METHODS; EDUCATIONAL METHODS; \*COMPARATIVE ANALYSIS;  
\*TRADE AND INDUSTRIAL EDUCATION  
IDENTIFIERS - \*ENGLAND

ABSTRACT - The discovery approach to training allows the pupil to learn by finding out principles and relationships for himself. This method, which appears to be especially useful in the conversion training of older workers to new skills and of young workers with little formal educational background, involves four steps: (1) an identification of crucial concepts to be learned, (2) an identification of the principal obstacles to understanding, (3) a fashioning of training designs, and (4) a testing of the program with trainees in pilot trials. Four training projects were undertaken in Austria, Sweden, the U.S.A., and the United Kingdom in which groups were trained by the discovery method and compared with control groups trained with traditional methods. In most of the projects, the advantages of the discovery method were shown to be statistically significant. Appended are: (1) comparisons between the two groups of trainees in the British Railway's experiments with the discovery method, (2) the start of three micrometer programs, (3) the discovery program for reading a micrometer, and (4) specimen frames in the Heineman programed text "The Micrometer." (DM)

VT 010 525 ED 042 885

BROWN, WILLIAM J., JR.

THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.

NORTH CAROLINA STATE UNIV., RALEIGH. SCHOOL OF EDUCATION.

NORTH CAROLINA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, RALEIGH.

EDRS PRICE MF-\$0.65 HC-\$3.25

RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, DIVISION OF RESEARCH, STATE DEPARTMENT OF PUBLIC INSTRUCTION, RALEIGH, NORTH C

PUB DATE - 68 38p.

DESCRIPTORS - BIBLIOGRAPHIES; EVALUATION; \*INSERVICE TEACHER EDUCATION; \*LEARNING EXPERIENCE; RESOURCE MATERIALS; \*RESOURCE UNITS; STATISTICAL ANALYSIS; \*STUDENT IMPROVEMENT; TABLES (DATA); \*TEACHER IMPROVEMENT

ABSTRACT - THIS 2 X 4 FACTORIAL EXPERIMENT INVOLVED 40 HIGH SCHOOL TEACHERS OF VOCATIONAL AGRICULTURE AND THEIR SOPHOMORE STUDENTS. THE PRIMARY PURPOSE WAS TO QUESTION THE EFFECTIVENESS OF PROVIDING INSERVICE TEACHER EDUCATION TO UPGRADE THE SUBJECT MATTER COMPETENCE OF TEACHERS AND FURNISHING THEM WITH RESOURCE UNITS. THE FINDINGS WERE THAT INSERVICE EDUCATION IMPROVED THE SUBJECT MATTER COMPETENCE OF TEACHERS BUT DID NOT HAVE A SIGNIFICANT EFFECT OF STUDENT LEARNING. RESOURCE UNITS WERE FOUND TO BE OF SIGNIFICANT VALUE IN IMPROVING THE SUBJECT MATTER COMPETENCE OF THE TEACHER, BUT HAD LITTLE INFLUENCE ON STUDENT LEARNING. A BIBLIOGRAPHY AND SAMPLE RESOURCE UNIT ARE APPENDED. (BC)

VT 010 554

Birchenall, Joan M.

A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program. Occupational Research Development Monograph No. 1.

New Jersey Occupational Research and Development Branch, Trenton.

MF AVAILABLE IN VT-ERIC SFT.

Rutgers-The State University, Curriculum Laboratory, Department of Voc-Tech Education, Building 4103, Kilmer Campus, New Brunswick, New Jersey 08903 (\$1.50).

PUB DATE - Nov69 51p.

DESCRIPTORS - \*LEARNING; \*TASK PERFORMANCE; \*STUDENTS; WORK EXPERIENCE; HOSPITALS; BIBLIOGRAPHIC CITATIONS; STATISTICAL ANALYSIS; \*PRACTICAL NURSES; \*TRAINING TECHNIQUES

ABSTRACT - This study tried to determine whether learning achievement and skill performance were significantly increased by patient-care exposure of the preclinical



student in practical nursing. Students who were given hospital experience during the preclinical phase received significantly higher performance ratings than those students who practiced these skills in the nursing arts laboratory of the school. This study was limited in scope since students were tested only after the second week of the preclinical program and not at the end. The study recommended that additional research be carried out to study the effect of preclinical exposure upon the State Board of Nursing licensing examination scores at the completion of the entire program. A bibliography and student performance evaluation form are appended. (3C)

VT 010 913

Shriver, Edgar L.; Trexler, Robert C.

A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance. Technical Report 66-23.

George Washington Univ., Alexandria, Va. Human Resources Research Office.

Department of the Army, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Dec66 144p.

DESCRIPTORS - \*ELECTRONICS; \*CONCEPT FORMATION; \*CONCEPTUAL SCHEMES; \*EQUIPMENT MAINTENANCE; TRADE AND INDUSTRIAL EDUCATION

IDENTIFIERS - HUMAN RESOURCES RESEARCH OFFICE; HUMRRO

ABSTRACT - This report describes and analyzes ten new concepts of electronics maintenance in terms of their implications for training, manuals, effectiveness and cost. Developed in government agencies, research organizations, and private industry and stemming from a perceived need for change in the conventional approach to electronics maintenance, the concepts are FORECAST, JOBTRAIN, MDS (Maintenance Data System), MAINTRAIN, BAMAGAT, IMC (Integrated Maintenance Concept), SIMS (Symbolic Integrated Maintenance System), ATOMS (Automated Technical Order Maintenance Sequences), FIST (Fault Isolation by Semi-Automatic Techniques), and ADMIRE (Automatic Diagnostic Maintenance Information Retrieval). Conclusions of this study are: (1) Certain elements appear to be common to all concepts even though each differs in technique and format, (2) Markedly improved electronics maintenance performance through use of this common element has been demonstrated in eight tests with Army personnel, dating from 1958 to 1965, and (3) Concepts can be combined in various ways for certain applications or used directly in the situations in which they were tested. The literature cited in each concept is given. (GR)

VT 010 915

Caro, Paul W., And Others

The Captive Helicopter as a Training Device: Experimental Evaluation of a Concept. Technical Report 68-9.

George Washington Univ., Alexandria, Va. Human Resources Research Office.

Department of the Army, Washington, D.C.

MF AVAILABLE IN VT-ERIC SET.

PUB DATE - Jun68 53p.

DESCRIPTORS - \*AIRCRAFT PILOTS; \*FLIGHT TRAINING; RESEARCH; \*TRAINING TECHNIQUES; ARMED FORCES; \*SIMULATORS

IDENTIFIERS - HUMAN RESOURCES RESEARCH OFFICE; HUMPRO; \*HELICOPTER TRAINING

ABSTRACT - Recent Army emphasis on helicopter operations has increased the need for research on improving rotary wing training. To see whether the synthetic flight training devices that have been useful in fixed wing training programs might prove equally useful in rotary wing training, two experimental groups of 33 Warrant Officer Candidates each were trained in two experimental programs using device training while two control groups received no device training. The results are: (1) The difference in attrition was statistically significant, (2) The experimental groups required 2 hours less flight training to solo, (3) Experimentally trained groups received higher grades than control groups, (4) Trainees who performed well on the experimental training device tended to perform well during subsequent flight training, and (5) Students trained by device instructors with varying levels of flight experience did equally well during subsequent flight training. Conclusions were that use of the synthetic flight training device in helicopter training would result in improved trainee performance early in flight training and in greater proficiency in subsequent helicopter flight training with fewer trainees eliminated from the program. The literature cited in this study is given. (GR)

VT 011 009

Jenkins, W.O., And Others

The Acquisition of Standard English Speech Habits Using Second-Language Techniques: An Experiment in Speech Modification and Generalization in the Verbal Behavior of Prison Inmates. (Summary Report).

Rehabilitation Research Foundation, Elmore, Ala. Draper Correctional Center.  
National Inst. of Mental Health (DHEW), Bethesda, Md.  
Manpower Administration (DOL), Washington, D.C. Office of Special Manpower Programs.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 30Jan70 22p.

DESCRIPTORS - \*SPEECH HABITS; STATISTICAL DATA; CONTROL GROUPS; EXPERIMENTAL GROUPS; PRISONERS; \*TEACHING TECHNIQUES; \*VERBAL LEARNING; \*SELF CONCEPT

ABSTRACT - A group of seven prison inmates were trained in standard English usage by second-language techniques. Drills and discussions were employed in the intervention. Their performance was compared with a control group working the prison farm and one attending Manpower Development and Training School. Percentage changes from pretreatment to posttreatment measurement indicate a marked and highly consistent effect of training that generalized on a large scale to other verbal indices and, on a somewhat reduced scale, to self-concept. The complete report is available as ED 042 006 or VT 011 008 (ARM Winter 1970). (JS)

VT 011 015

Finch, Curtis R., And Others  
Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.

Pennsylvania State Univ., University Park. Dept. of Vocational Education.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - Jan70 15p.

DESCRIPTORS - \*ELECTRONICS; TRADE AND INDUSTRIAL EDUCATION; COMMUNITY COLLEGES; \*TEACHING PROCEDURES; \*EDUCATIONAL RESEARCH; \*TEACHER PARTICIPATION; \*TEACHER RESPONSE IDENTIFIERS - \*ELECTRONICS TROUBLESHOOTING

ABSTRACT - This investigation of electronics teachers' approaches to electronics troubleshooting provides information on instructional content and factors related to the learning of troubleshooting. Eleven postsecondary electronics teachers employed at three community colleges in the Commonwealth of Pennsylvania responded to one general and one specific troubleshooting "problem." Teachers were required to rank order the eight alternatives for each problem on the basis of desirability. The results of the analysis of data by means of the Kendall coefficient of concordance indicated that teachers were applying essentially the same ranking standard. Several approaches were examined more closely to determine teacher agreement. Since an objective ordering of approaches to troubleshooting is not available, this consensual ordering might be useful in establishing curriculum content. (CD)

VT 011 589

Daly, Maurice J.  
A Profile of Vocational-Technical Education, Quincy, Massachusetts.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 20p.; Presented to National Association Secondary School Principals (Washington, D.C., Feb. 10, 1970).

DESCRIPTORS - \*VOCATIONAL EDUCATION; \*EDUCATIONAL INNOVATION; \*RELEVANCE (EDUCATION); CONFERENCES; BEHAVIORAL OBJECTIVES; OCCUPATIONAL CLUSTERS; MODELS; CURRICULUM DEVELOPMENT; SYSTEMS APPROACH

ABSTRACT - The Quincy Vocational-Technical School is trying to meet student needs through participation in several innovative projects. Projects such as Project ABLE and ES '70 are concerned with the development of curriculum models and the systems approach as well as with placing emphasis on the learning process. Also at the Quincy school, the personnel are concerned with individualized learning activities for that large majority of students not planning a baccalaureate degree program. The interdisciplinary approach, behavioral analysis, and the use of occupational information are all stressed as useful techniques for making education more relevant to the student. (JS)

VT 011 631 ED 043 739

WAISNER, GARY LEE  
TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 104P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; EXPERIMENTAL GROUPS; \*INDUSTRIAL ARTS; MOTOR DEVELOPMENT; \*PSYCHOMOTOR SKILLS; RESEARCH; \*TASK PERFORMANCE; \*TRANSFER OF TRAINING

ABSTRACT - A RIVETING OPERATION WAS PRESENTED TO 90 GRADE 7 INDUSTRIAL ARTS STUDENTS THROUGH THE USE OF A SLIDE-TAPE PROGRAM TO COMPARE THE AMOUNT OF TRANSFER FROM THREE LEARNING TASKS TO A TRANSFER TASK AND TO ASCERTAIN THE EFFECT OF DIFFERENT AMOUNTS OF PRACTICE ON TRANSFER. THE STUDENTS WERE RANDOMLY SELECTED AND ALTERNATELY PLACED INTO NINE GROUPS. THE LEARNING TASKS WERE VARIED IN COMPLEXITY FROM EASY TO MODERATE TO DIFFICULT, WHILE THE AMOUNT OF PRACTICE ON THE LEARNING TASK WAS: NO PRACTICE, ONE TRIAL, AND FOUR TRIALS. A COMPLETION TIME SCORE WAS RECORDED FOR EACH STUDENT AND ALSO A QUALITY SCORE AS JUDGED AND RECORDED BY THREE JUDGES. THERE WERE NO STATISTICALLY SIGNIFICANT DIFFERENCES AT THE .05 LEVEL IN GROUP MEAN SCORES REPRESENTING THE AMOUNT OF TRANSFER DUE TO THE INITIAL LEVEL OF COMPLEXITY IN THE LEARNING TASK, DIFFERENT AMOUNTS OF PRACTICE TIME, OR INTERACTION OF PRACTICE TIME AND TASK, NOR IN LEARNING TASK PERFORMANCE DUE TO DIFFERENT AMOUNTS OF PRACTICE OR TO THE INTERACTION OF PRACTICE TIME AND TASK COMPLEXITY. THERE WAS A STATISTICALLY SIGNIFICANT DIFFERENCE IN GROUP MEAN COMPLETION SCORES THAT REPRESENTED THE AMOUNT OF TRANSFER DUE TO THE DIFFERENT AMOUNTS OF PRACTICE TIME. LIMITATIONS, IMPLICATIONS, AND PROBLEMS FOR FURTHER RESEARCH ARE REPORTED. THIS PH.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR)

VT 011 632 ED 042 909

GRIFFIN, JAMES F.

RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - 70 120P.

DESCRIPTORS - \*ACADEMIC ACHIEVEMENT; BIBLIOGRAPHIES; \*COLLEGE GRADUATES; \*COMPARATIVE ANALYSIS; DOCTORAL THESES; GRADE POINT AVERAGE; \*GRADES (SCHOLASTIC); \*INDUSTRIAL ARTS; RELATIONSHIP; STATE COLLEGES; STATISTICAL DATA; TEACHERS COLLEGES

ABSTRACT - THE RELATIONSHIPS OF SELECTED HIGH SCHOOL COURSES TO ACHIEVEMENT IN TECHNICAL AND PROFESSIONAL COURSES IN INDUSTRIAL ARTS TEACHER EDUCATION PROGRAMS WERE STUDIED, WITH PARTICULAR ATTENTION TO STUDENTS OF HIGH, MEDIUM AND LOWER SCHOLASTIC ABILITY. RECORDS OF 273 STUDENTS WHO EARNED DEGREES IN EDUCATION FROM FIVE MISSOURI STATE COLLEGES BETWEEN 1964-1969 WERE EXAMINED AND USED IN THIS STUDY. STUDENTS WERE GROUPED INTO THREE SCHOLASTIC ABILITY GROUPS ON THE BASIS OF RAW SCORES EARNED ON THE OHIO STATE UNIVERSITY PSYCHOLOGICAL EXAMINATION. SOME CONCLUSIONS HAVING SIGNIFICANT RELATIONSHIPS WERE: (1) GRADUATES WHO HAD TAKEN 5-4 UNITS OF HIGH SCHOOL INDUSTRIAL ARTS HAD LOWER GRADE POINT AVERAGES (GPA) THAN THOSE WHO HAD TAKEN FEWER UNITS, (2) MATHEMATICS GPA'S WERE RELATED POSITIVELY WITH HIGH AND MEDIUM ABILITY STUDENTS WHO TOOK TECHNICAL COURSES, (3) MATHEMATICS GPA'S WERE NEGATIVELY RELATED FOR MEDIUM AND LOW SCHOLASTIC ABILITY LEVELS WHILE SCIENCE GPA'S WERE RELATED IN A POSITIVE DIRECTION FOR HIGH AND LOW SCHOLASTIC ABILITY STUDENTS, AND (4) GRADES IN MATHEMATICS AND INDUSTRIAL ARTS RELATED IN A POSITIVE DIRECTION FOR HIGH AND MEDIUM ABILITY GRADUATES AND IN A NEGATIVE DIRECTION FOR LOW SCHOLASTIC ABILITY GRADUATES. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR)

VT 011 635 ED 042 057

BOUTH, JERRY DOYLE

THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR MICHIGAN 48106  
PUB DATE - 70 244P.

DESCRIPTORS - ACHIEVEMENT RATING; \*COLLEGE STUDENTS; \*COMPARATIVE ANALYSIS; \*PREDICTIVE MEASUREMENT; RECOGNITION; STATISTICAL ANALYSIS; \*TEACHING METHODS; \*VISUAL LEARNING; VOCATIONAL EDUCATION

ABSTRACT - THIS STUDY SOUGHT TO ASCERTAIN THE EFFECT ON STUDENT BEHAVIOR OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION. THESE APPROACHES INVOLVED VARYING THE SEQUENCE OF MESSAGES TRANSMITTED THROUGH THE VISUAL COMMUNICATIONS CHANNEL AND VARYING THE REDUNDANCY OF MESSAGES PRESENTED THROUGH THIS CHANNEL. THE INVESTIGATION WAS



CONDUCTED AS A FOUR-GROUP CONTROLLED EXPERIMENT WITH DATA COLLECTED FROM 139 COLLEGE STUDENTS. ANALYSIS WAS BASED ON SEVERAL TESTS USING A CONFIDENCE LEVEL OF .05. FINDINGS FAILED TO REVEAL ANY SIGNIFICANT DIFFERENCES AMONG THE MEAN TEST SCORES OF THE GROUPS RECEIVING INFORMATION TRANSMITTED SIMULTANEOUSLY BETWEEN THE PICTORIAL AND NONPICTORIAL CHANNELS AS OPPOSED TO THE GROUPS RECEIVING INFORMATION SEQUENTIALLY BETWEEN THE SAME CHANNELS. HOWEVER, A SIGNIFICANT DIFFERENCE WAS REVEALED AMONG THE SCORES OF GROUPS RECEIVING INFORMATION HIGH IN REDUNDANCY AND THOSE RECEIVING INFORMATION LOW IN REDUNDANCY. A MAJOR CONCLUSION OF THE STUDY WAS THAT INCREASING THE AMOUNT OF REDUNDANCY BETWEEN THE PICTORIAL AND NONPICTORIAL CHANNELS IS AN IMPORTANT FACTOR IN LEARNING AND RETAINING INFORMATION. THE ED.D. DISSERTATION WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (AUTHOR/JS)

VT 011 637 ED 042 058

BLANKENBAKER, E. KEITH

COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 123P.

DESCRIPTORS - \*INDUSTRIAL ARTS; \*JUNIOR HIGH SCHOOL STUDENTS; \*OBJECT MANIPULATION; \*PREDICTIVE MEASUREMENT; STATISTICAL ANALYSIS; STUDENT EVALUATION; \*TEACHING METHODS; VOCATIONAL EDUCATION

ABSTRACT - THERE ARE SO MANY METHODS AND APPROACHES TO TEACHING THAT IT IS SOMETIMES DIFFICULT TO CHOOSE THE APPROACH BEST SUITED TO THE NEEDS OF THE STUDENTS. THIS STUDY SOUGHT TO ASCERTAIN THE RELATIVE EFFECTIVENESS AND EFFICIENCY OF SELECTED APPROACHES TO THE DEMONSTRATION OF COMPLEX MANIPULATIVE SEQUENCES, AND TO TEST THE THEORY THAT STUDENTS OF HIGH INTELLIGENCE WILL LEARN MANIPULATIVE SEQUENCES MORE RAPIDLY THAN STUDENTS OF LOW INTELLIGENCE. THE METHOD INVOLVED THREE TREATMENTS OF A SUPER 8MM SOUND-COLOR FILM OF A DEMONSTRATION OF VACUUM FORMING, AND THE POPULATION CONSISTED OF 125 SEVENTH AND EIGHTH GRADE BOYS ENROLLED IN THEIR FIRST INDUSTRIAL ARTS COURSE. THREE GROUPS OF STUDENTS VIEWED DIFFERENT TREATMENTS OF THE FILM AND WERE THEN PERMITTED TO PRACTICE THE PROCEDURES. THIS WAS FOLLOWED BY TESTING SESSIONS. AMONG THE CONCLUSIONS WERE: (1) THE ATTITUDE, THE COGNITIVE UNDERSTANDING, AND THE RETENTION OF THIS UNDERSTANDING WILL BE ESSENTIALLY THE SAME WHEN EITHER OF THE THREE TREATMENTS ARE USED AND (2) THE GROUPING OF STUDENTS BASED ON INTELLIGENCE WILL NOT IMPROVE THE STUDENT'S CHANCES OF LEARNING COMPLEX MANIPULATIVE SEQUENCES. (AUTHOR/JS)

VT 011 691 ED 043 748

LOEPP, FRANZIE LEE

THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 264P.

DESCRIPTORS - BIBLIOGRAPHIES; DOCTORAL THESES; \*INDUSTRIAL ARTS; \*INTERACTION; \*INTERACTION PROCESS ANALYSIS; JUNIOR HIGH SCHOOLS; JUNIOR HIGH SCHOOL STUDENTS; MANAGEMENT SYSTEMS; SECONDARY SCHOOL TEACHERS; \*STUDENT TEACHER RELATIONSHIP; \*SYSTEMS DEVELOPMENT; TABLES (DATA)

ABSTRACT - THE STUDY SOUGHT TO DEVELOP A RELIABLE CATEGORY SYSTEM FOR USE IN PROVIDING DATA ON TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS, AND TO RECOMMEND FURTHER RESEARCH USING THIS SYSTEM. AS A RESULT OF THE FIRST THREE OF SEVEN OBSERVATION VISITS INVOLVING TEN COLORADO JUNIOR HIGH SCHOOL INDUSTRIAL ARTS TEACHERS, AN INDUSTRIAL ARTS INTERACTION ANALYSIS SYSTEM WAS DEVELOPED. THE NEXT TWO OBSERVATION VISITS WERE USED TO FIELD TEST THE CATEGORY SYSTEM. THE RELIABILITY WAS FOUND TO BE 0.80 OR HIGHER AS DETERMINED THROUGH THE USE OF SCOTT'S COEFFICIENT AND CHECKED BY TWO TRAINED OBSERVERS WITH AGREEMENT BETWEEN THE TWO OBSERVERS. A JURY OF SIX INDUSTRIAL EDUCATION EDUCATORS JUDGED THE SYSTEM TO BE VALID IN RELATION TO THE DESCRIPTION OF THE CATEGORIES. THE SYSTEM WAS FOUND TO BE CAPABLE OF PROVIDING DATA ON THE GENERAL PATTERNS OF TEACHER-STUDENT INTERACTION AND THE PERCENTAGE OF CLASSROOM TIME SPENT IN: (1) VARIOUS RESPONSIBILITIES, (2) ALL FORMS OF TEACHER APPRAISAL, (3) DIRECT AND INDIRECT TEACHER TALK, (4) STUDENT TALK, DIVIDED INTO CATEGORIES, (5) SILENCE, AND (6) CHAOS AND CONFUSION. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF NORTHERN COLORADO. (GR)

VT 011 702 ED 042 913

THRASH, JIMMIE FORD



THE STUDENTS IN THEIR PRIOR KNOWLEDGE OF SUBJECT MATTER. ALL ANALYSES COMPARING THE ACHIEVEMENT OF THE VOCATIONAL AGRICULTURE CLASSES WITH AND WITHOUT DEMONSTRATIONS REVEALED NO SIGNIFICANT DIFFERENCES BETWEEN THE TWO TYPES OF INSTRUCTION. HOWEVER, ANALYSIS OF COVARIANCE RESULTED IN THE DEMONSTRATION GROUP'S ADJUSTED MEAN POSTTEST SCORES BEING HIGHER THAN THOSE FOR THE CONTROL GROUP IN ALL FOUR SUBJECT MATTER AREAS. THIS PH.D. DISSERTATION WAS SUBMITTED TO IOWA STATE UNIVERSITY. (AUTHOR/GB)

VT 011 759 ED 043 758

KUWIK, PAUL DAVID

A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 188P.

DESCRIPTORS - \*ACHIEVEMENT GAINS; BIBLIOGRAPHIES; \*COMPARATIVE ANALYSIS; CONSTRUCTION INDUSTRY; \*INDUSTRIAL ARTS; \*JUNIOR HIGH SCHOOL STUDENTS; \*LEARNING; MANUFACTURING INDUSTRY; MEASUREMENT INSTRUMENTS; RESEARCH; SUCCESS FACTORS; UNITS OF STUDY (SUBJECT FIELDS)

ABSTRACT - THE PURPOSE OF THE STUDY WAS TO DETERMINE WHETHER EXPOSING JUNIOR HIGH SCHOOL STUDENTS TO A UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY AND TO A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY SIGNIFICANTLY AFFECTS THEIR ACHIEVEMENT ON A TEST MEASURING "TECHNOLOGICAL PRINCIPLES OF DESIGN" WHEN COMPARED TO A GROUP OF JUNIOR HIGH SCHOOL STUDENTS EXPOSED ONLY TO A UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY. THE DATA FROM FOUR TREATMENT GROUPS IN THE LONG BEACH UNIFIED SCHOOL DISTRICT IN CALIFORNIA WERE ANALYZED, AND RESULTS INDICATED THAT THERE WAS A SIGNIFICANT AMOUNT OF ADDITIVE KNOWLEDGE WHEN STUDENTS HAD BEEN EXPOSED TO TWO UNITS IN DESIGN, ONE IN CONSTRUCTION TECHNOLOGY AND ONE IN MANUFACTURING TECHNOLOGY, AS OPPOSED TO ONLY ONE EXPOSURE OF CONSTRUCTION TECHNOLOGY. STATISTICAL ANALYSIS ALSO INDICATED A SIGNIFICANT DIFFERENCE BETWEEN THE ACHIEVEMENT SCORES OF THE SEVENTH GRADE CONTROL GROUP AND THE SEVENTH GRADE EXPERIMENTAL GROUP, WITH THE LATTER GROUP ACHIEVING AT A HIGHER LEVEL. THE FINDINGS INDICATE THAT THE TECHNOLOGICAL CONCEPTS AND PRINCIPLES OF DESIGN ARE SIGNIFICANTLY ADDITIVE WHEN A SECOND UNIT (IN MANUFACTURING) IS PROVIDED TO BUILD UPON THE CONCEPTS PROVIDED BY A PRIOR DESIGN UNIT (IN CONSTRUCTION). THIS PH.D. THESIS WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (GR)

VT 011 760 ED 042 923

MCVEY, GARY C.

AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS OF AN AUDIO-TUTORIAL METHOD IN TEACHING VOCATIONAL AGRICULTURE.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 120P.

DESCRIPTORS - \*AUDIOVISUAL AIDS; COMPARATIVE ANALYSIS; \*DOCTORAL THESES; EDUCATIONAL EXPERIMENTS; \*EVALUATION; EXPERIMENTAL TEACHING; SECONDARY GRADES; TEACHING GUIDES; \*TEACHING TECHNIQUES; \*VOCATIONAL AGRICULTURE

ABSTRACT - TO DETERMINE THE EFFECTIVENESS OF AN AUDIO-TUTORIAL TECHNIQUE IN VOCATIONAL AGRICULTURE, SIX TREATMENT SCHOOLS AND SIX CONTROL SCHOOLS WERE RANDOMLY SELECTED FROM 48 IOWA HIGH SCHOOLS QUALIFYING FOR PARTICIPATION IN THE STUDY. WHILE EACH SCHOOL WAS PROVIDED THE SAME REFERENCE MATERIAL AND TEACHING OUTLINE FOR THE 14-DAY EXPERIMENTAL PERIOD, THE TREATMENT SCHOOLS WERE PROVIDED AUDIO-TUTORIAL MACHINES AND PROGRAMS OF 20 MINUTES MAXIMUM LENGTH WITH 59 SLIDES OR LESS IN THE FOUR SUBJECT MATTER AREAS OF INSTRUCTION. RESULTS SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN THE AUDIO-TUTORIAL AND THE CONTROL SCHOOLS IN MAGNITUDE OF CHANGE IN KNOWLEDGE FOR EACH OF THE FOUR CLASS LEVEL COMPARISONS. STATISTICAL TECHNIQUES TO ADJUST FOR DIFFERENCES IN MEAN SCORES RESULTED IN A SIGNIFICANT VALUE FOR THE AUDIO-TUTORIAL TECHNIQUE EFFECTIVENESS IN TEACHING FARM CREDIT. THE AUDIO-TUTORIAL TECHNIQUE WAS AS EFFECTIVE AS THE CONTROL TECHNIQUE IN TEACHING ANIMAL HEALTH, COMMERCIAL FERTILIZER, AND SMALL GASOLINE ENGINES. THIS PH.D. DISSERTATION WAS SUBMITTED TO IOWA STATE UNIVERSITY. (GB)

THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106  
PUB DATE - MAY 70 138P.

DESCRIPTORS - ACHIEVEMENT RATING; COMPARATIVE ANALYSIS; \*DISTRIBUTIVE EDUCATION; \*HIGH SCHOOL STUDENTS; \*PREDICTIVE MEASUREMENT; \*PROJECT TRAINING METHODS; SAMPLING; STATISTICAL ANALYSIS; \*TEACHING METHODS

ABSTRACT - TO JUSTIFY THE USE OF A PARTICULAR TEACHING METHOD IT SHOULD BE FOLLOWED UP WITH A MEASUREMENT OF STUDENT ACHIEVEMENT. THUS, THE PRIMARY OBJECTIVE OF THIS STUDY WAS TO DETERMINE WHETHER THE PROJECT METHOD OF INSTRUCTION IS ACCOMPLISHING ITS TASK OF TRAINING YOUNG MEN AND WOMEN TO ENTER THE WORLD OF WORK WITHOUT THE BENEFIT OF FIRST HAND EXPERIENCE IN AN ON-THE-JOB SITUATION. AN EXHAUSTIVE AND A COMPREHENSIVE ANSWER TO THE QUESTION IMPLIED BY THE OBJECTIVE WAS NOT AVAILABLE, SO THREE SUBJECT CONTENT AREAS WERE USED IN TESTING STUDENTS WHO WERE PREVIOUSLY AND THOSE WHO WERE NOT PREVIOUSLY ENROLLED IN THE PROJECT METHOD OF INSTRUCTION. DIFFERENCES IN THEIR RATE OF ACHIEVEMENT WERE DETERMINED AND ANALYZED USING THE SINGLE AND MULTIPLE CLASSIFICATION OF VARIANCE. ONE MAJOR CONCLUSION REACHED FROM THE STUDY IS THAT THERE IS NO SIGNIFICANT DIFFERENCE IN THE RATE OF ACHIEVEMENT ON THE THREE CONTENT TESTS BETWEEN THE TWO GROUPS OF STUDENTS TESTED. THIS ED.D. DISSERTATION WAS SUBMITTED TO OKLAHOMA STATE UNIVERSITY. (AUTHOR/JS)

VT 011 727 ED 043 754

HUFFMAN, HARRY; GUST, DALE D.

BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.

EDRS PRICE MF-\$0.65 HC-\$6.58 OEG-0-8-080414-3733(083) 08

BR-8-0414

PUB DATE - JUN 70 192P.

DESCRIPTORS - BUSINESS EDUCATION; DATA ANALYSIS; \*MODELS; OFFICE OCCUPATIONS; \*OFFICE OCCUPATIONS EDUCATION; \*PROGRAM PLANNING; \*TASK PERFORMANCE; \*TEACHING IDENTIFIERS - \*NEW OFFICE AND BUSINESS EDUCATION LEARNING SYSTEMS; NOBELS

ABSTRACT - TECHNOLOGY IN BUSINESS AND INDUSTRY IS CONTINUALLY CHANGING THE ACTIVITIES PERFORMED IN THE OFFICE. NEW ACTIVITIES ARE EMERGING; OTHERS ARE INCREASING OR DECLINING IN IMPORTANCE. THIS PROJECT WAS CONCERNED WITH IDENTIFYING HIGH-PRIORITY, COMMONLY ACCEPTED ABILITIES WHICH ARE PRESENTLY EMERGING AND INCREASING IN IMPORTANCE IN THE OFFICE AND WITH DEVELOPING GENERAL AND SPECIFIC INSTRUCTION PLANS WHICH WOULD AID BUSINESS AND OFFICE INSTRUCTORS IN PREPARING STUDENTS FOR OFFICE OCCUPATIONS. QUESTIONNAIRE RESPONSES FROM 668 AUTHORITIES CONCERNING THE PREPARED LIST OF 41 OFFICE ACTIVITIES REVEALED FEW SIGNIFICANT DIFFERENCES AMONG ACTIVITIES DECLARED EMERGING OR INCREASING IN IMPORTANCE. A SIMILAR ANALYSIS IDENTIFIED NINE ACTIVITIES APPLICABLE TO ALL LEVELS OF OFFICE PERSONNEL WHICH WERE EMERGING OR INCREASING IN IMPORTANCE. A SECOND GROUP OF SIX EMERGING ACTIVITIES WAS APPLICABLE TO CLERICAL, SUPERVISORY, AND PROFESSIONAL-TECHNICAL PERSONNEL, AND A THIRD GROUP OF 15 EMERGING ACTIVITIES WAS APPLICABLE IN PARTICULAR TO MANAGERS, PROFESSIONAL-TECHNICAL PERSONNEL, AND SUPERVISORS. EIGHTEEN GENERAL INSTRUCTION PLANS AND A MODEL FOR PRODUCING GENERAL AND SPECIFIC INSTRUCTION PLANS WERE DEVELOPED. THIS PROJECT IS A PART OF THE TOTAL PROJECT ENTITLED NEW OFFICE BUSINESS EDUCATION LEARNINGS SYSTEM (NOBELS). (JS)

VT 011 736 ED 042 921

BORCHER, SIDNEY DEAN

EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 228P.

DESCRIPTORS - \*COMPARATIVE ANALYSIS; \*DEMONSTRATIONS (EDUCATIONAL); \*DOCTORAL THESES; EXPERIMENTAL PROGRAMS; EXPERIMENTAL TEACHING; \*INSTRUCTION; INSTRUCTIONAL AIDS; TEACHING GUIDES; \*VOCATIONAL AGRICULTURE

ABSTRACT - TO EVALUATE THE EFFECTIVENESS OF DEMONSTRATIONS IN VOCATIONAL AGRICULTURE INSTRUCTION, 12 RANDOMLY SELECTED IOWA HIGH SCHOOLS WERE DIVIDED AND USED AS A CONTROL GROUP AND A DEMONSTRATION GROUP. THIRTY-NINE DEMONSTRATIONS WERE USED IN FOUR SUBJECT MATTER AREAS OF THE TEST GROUP, WHILE THE CONTROL GROUP DID NOT HAVE USE OF THE DEMONSTRATIONS. ANALYSIS OF VARIANCE OF PRETEST SCORES REVEALED NO DIFFERENCE BETWEEN

THE STUDENTS IN THEIR PRIOR KNOWLEDGE OF SUBJECT MATTER. ALL ANALYSES COMPARING THE ACHIEVEMENT OF THE VOCATIONAL AGRICULTURE CLASSES WITH AND WITHOUT DEMONSTRATIONS REVEALED NO SIGNIFICANT DIFFERENCES BETWEEN THE TWO TYPES OF INSTRUCTION. HOWEVER, ANALYSIS OF COVARIANCE RESULTED IN THE DEMONSTRATION GROUP'S ADJUSTED MEAN POSTTEST SCORES BEING HIGHER THAN THOSE FOR THE CONTROL GROUP IN ALL FOUR SUBJECT MATTER AREAS. THIS PH.D. DISSERTATION WAS SUBMITTED TO IOWA STATE UNIVERSITY. (AUTHOR/GB)

VT 011 759 ED 043 758

KUWIK, PAUL DAVID

A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 188P.

DESCRIPTORS - \*ACHIEVEMENT GAINS; BIBLIOGRAPHIES; \*COMPARATIVE ANALYSIS; CONSTRUCTION INDUSTRY; \*INDUSTRIAL ARTS; \*JUNIOR HIGH SCHOOL STUDENTS; \*LEARNING; MANUFACTURING INDUSTRY; MEASUREMENT INSTRUMENTS; RESEARCH; SUCCESS FACTORS; UNITS OF STUDY (SUBJECT FIELDS)

ABSTRACT - THE PURPOSE OF THE STUDY WAS TO DETERMINE WHETHER EXPOSING JUNIOR HIGH SCHOOL STUDENTS TO A UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY AND TO A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY SIGNIFICANTLY AFFECTS THEIR ACHIEVEMENT ON A TEST MEASURING "TECHNOLOGICAL PRINCIPLES OF DESIGN" WHEN COMPARED TO A GROUP OF JUNIOR HIGH SCHOOL STUDENTS EXPOSED ONLY TO A UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY. THE DATA FROM FOUR TREATMENT GROUPS IN THE LONG BEACH UNIFIED SCHOOL DISTRICT IN CALIFORNIA WERE ANALYZED, AND RESULTS INDICATED THAT THERE WAS A SIGNIFICANT AMOUNT OF ADDITIVE KNOWLEDGE WHEN STUDENTS HAD BEEN EXPOSED TO TWO UNITS IN DESIGN, ONE IN CONSTRUCTION TECHNOLOGY AND ONE IN MANUFACTURING TECHNOLOGY, AS OPPOSED TO ONLY ONE EXPOSURE OF CONSTRUCTION TECHNOLOGY. STATISTICAL ANALYSIS ALSO INDICATED A SIGNIFICANT DIFFERENCE BETWEEN THE ACHIEVEMENT SCORES OF THE SEVENTH GRADE CONTROL GROUP AND THE SEVENTH GRADE EXPERIMENTAL GROUP, WITH THE LATTER GROUP ACHIEVING AT A HIGHER LEVEL. THE FINDINGS INDICATE THAT THE TECHNOLOGICAL CONCEPTS AND PRINCIPLES OF DESIGN ARE SIGNIFICANTLY ADDITIVE WHEN A SECOND UNIT (IN MANUFACTURING) IS PROVIDED TO BUILD UPON THE CONCEPTS PROVIDED BY A PRIOR DESIGN UNIT (IN CONSTRUCTION). THIS PH.D. THESIS WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (GR)

VT 011 760 ED 042 923

MCVEY, GARY C.

AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS OF AN AUDIO-TUTORIAL METHOD IN TEACHING VOCATIONAL AGRICULTURE.

DOCUMENT NOT AVAILABLE FROM EDRS.

UNIVERSITY MICROFILMS, INC., 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48106

PUB DATE - 70 120P.

DESCRIPTORS - \*AUDIOVISUAL AIDS; COMPARATIVE ANALYSIS; \*DOCTORAL THESES; EDUCATIONAL EXPERIMENTS; \*EVALUATION; EXPERIMENTAL TEACHING; SECONDARY GRADES; TEACHING GUIDES; \*TEACHING TECHNIQUES; \*VOCATIONAL AGRICULTURE

ABSTRACT - TO DETERMINE THE EFFECTIVENESS OF AN AUDIO-TUTORIAL TECHNIQUE IN VOCATIONAL AGRICULTURE, SIX TREATMENT SCHOOLS AND SIX CONTROL SCHOOLS WERE RANDOMLY SELECTED FROM 48 IOWA HIGH SCHOOLS QUALIFYING FOR PARTICIPATION IN THE STUDY. WHILE EACH SCHOOL WAS PROVIDED THE SAME REFERENCE MATERIAL AND TEACHING OUTLINE FOR THE 14-DAY EXPERIMENTAL PERIOD, THE TREATMENT SCHOOLS WERE PROVIDED AUDIO-TUTORIAL MACHINES AND PROGRAMS OF 20 MINUTES MAXIMUM LENGTH WITH 59 SLIDES OR LESS IN THE FOUR SUBJECT MATTER AREAS OF INSTRUCTION. RESULTS SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN THE AUDIO-TUTORIAL AND THE CONTROL SCHOOLS IN MAGNITUDE OF CHANGE IN KNOWLEDGE FOR EACH OF THE FOUR CLASS LEVEL COMPARISONS. STATISTICAL TECHNIQUES TO ADJUST FOR DIFFERENCES IN MEAN SCORES RESULTED IN A SIGNIFICANT VALUE FOR THE AUDIO-TUTORIAL TECHNIQUE EFFECTIVENESS IN TEACHING FARM CREDIT. THE AUDIO-TUTORIAL TECHNIQUE WAS AS EFFECTIVE AS THE CONTROL TECHNIQUE IN TEACHING ANIMAL HEALTH, COMMERCIAL FERTILIZER, AND SMALL GASOLINE ENGINES. THIS PH.D. DISSERTATION WAS SUBMITTED TO IOWA STATE UNIVERSITY. (GB)

OTHER  
RESOURCES  
SECTION



**VT 010 502****Survey of Vocational Education and Training.**

Dominion Bureau of Statistics, Ottawa (Ontario). Vocational Training Section.

MF AVAILABLE IN VT-ERIC SET.

The Queen's Printer, Ottawa, Canada (\$1.00).

PUB DATE - Sep69 89p.

**DESCRIPTORS** - \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; \*NATIONAL SURVEYS; \*POST SECONDARY EDUCATION; \*SECONDARY EDUCATION; INSTITUTIONAL SCHOOLS; PRIVATE SCHOOLS; PUBLIC SCHOOL SYSTEMS; EDUCATIONAL PROGRAMS; FEDERAL AID; FEDERAL PROGRAMS; TEACHER EDUCATION

**IDENTIFIERS** - \*CANADA

**ABSTRACT** - Statistical data from monthly and quarterly reports to the Director of Education concerning vocational education and training in Canada as it is carried out in public and privately-owned institutions are summarized. Content, written in both English and French, includes federal participation and a summary of programs in: (1) institutes of technology, (2) technical, vocational, and composite high schools, (3) trade schools and vocational centers, (4) apprenticeship training, (5) vocational teacher education, (6) private schools, (7) nursing, and (8) the Labour College of Canada. Questionnaires used to gather the data are appended. Two previous surveys are available as VT 005 764 (ARM Winter 1969) and VT 007 339 (ARM Fall 1970). (SB)

**VT 011 725**

ED 043 753

MADDOX, MARION E.

**AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.**

ARKANSAS STATE DEPT. OF EDUCATION, LITTLE ROCK. DIV. OF VOCATIONAL EDUCATION.

ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF VOCATIONAL EDUCATION.

ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE.

EDRS PRICE MF-\$0.65 HC-\$3.29

PUB DATE - [69] 23P.

**DESCRIPTORS** - \*ANNOTATED BIBLIOGRAPHIES; EDUCATIONAL NEEDS; \*MANPOWER NEEDS; OCCUPATIONAL INFORMATION; \*OCCUPATIONAL SURVEYS; RESEARCH COORDINATING UNITS; \*RESOURCE MATERIALS; TRAINING; \*VOCATIONAL EDUCATION

**IDENTIFIERS** - ARKANSAS

**ABSTRACT** - THIS ANNOTATED BIBLIOGRAPHY PRESENTS OVER 90 PERIODICAL ARTICLES, COMMERCIAL PUBLICATIONS, AND GOVERNMENT PUBLICATIONS, RANGING IN DATE FROM 1928 TO 1969, AND IS CONCERNED WITH PLANNING, ORGANIZING AND CONDUCTING OCCUPATIONAL SURVEYS TO DETERMINE TRAINING AND MANPOWER NEEDS. TEACHER EDUCATORS, STATE VOCATIONAL STAFFS, EMPLOYMENT SECURITY PERSONNEL, AND LOCAL OCCUPATIONAL TEACHERS AND COUNSELORS SHOULD FIND THIS DOCUMENT USEFUL IN THEIR VARIOUS POSITIONS. LISTINGS ARE ARRANGED ALPHABETICALLY BY AUTHOR AND DETAILS OTHER DOCUMENT INFORMATION INCLUDING THE TITLE, DATE, PAGE LISTING, AND THE CONTENT BY MEANS OF THE ANNOTATION. (JS)

**VT 011 728**

ED 042 919

RINTGEN, JEAN

**INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.**

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

EDRS PRICE MF-\$0.65 HC-\$3.29

THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 1900 KENNY ROAD, COLUMBUS, OHIO 43210

PUB DATE - SEP 70 29P.

**DESCRIPTORS** - \*ARTICULATION (PROGRAM); \*BIBLIOGRAPHIES; CONFERENCE REPORTS; \*HEALTH EDUCATION; \*HEALTH OCCUPATIONS EDUCATION; PROGRAM DESCRIPTIONS; PROGRAM GUIDES; \*RESEARCH REVIEWS (PUBLICATIONS); SPEECHES

**IDENTIFIERS** - CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION

**ABSTRACT** - THIS REVIEW AND ANALYSIS OF LITERATURE CONCERNING CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION SHOULD AID RESEARCHERS AND PRACTITIONERS IN ASSESSING THE CURRENT "STATE OF THE ART" IN THE FIELD. USING THE RESOURCES OF THE ERIC CLEARINGHOUSE ON VOCATIONAL AND TECHNICAL EDUCATION, A COMPUTER AND MANUAL SEARCH OF DOCUMENTS DATING BACK TO 1966 YIELDED A BIBLIOGRAPHY OF 56 ENTRIES INTENDED TO AID INDIVIDUALS IN DEVELOPING PROGRAMS AND/OR DOING RESEARCH. THE DOCUMENTS INCLUDE CONTENT

DIRECTLY RELATED TO THE LADDER OR LATTICE CONCEPTS AND ARE PRESENTED UNDER THE FOLLOWING HEADINGS: (1) CONFERENCE REPORTS, (2) CURRICULUM DEVELOPMENT STUDIES, (3) PAPERS AND SPEECHES, (4) PROGRAM DESCRIPTIONS AND EVALUATIONS, (5) PROGRAM GUIDES (NEW CAREER CONCEPTS), AND (6) OTHER. BIBLIOGRAPHIC INFORMATION INCLUDES THE AUTHOR, NAME OF DOCUMENT, AND THE SOURCE OF DOCUMENT. (JS)

**VT 011 758**

**Preliminary Bibliography: Studies Employing the OAS (Occupational Aspiration Scale).**

Wisconsin Univ., Madison. Dept. of Rural Sociology.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 15Apr70 16p.

DESCRIPTORS - \*BIBLIOGRAPHIES; ANNOTATED BIBLIOGRAPHIES; \*VOCATIONAL EDUCATION;  
\*EDUCATIONAL RESEARCH; RESEARCHERS; \*RATING SCALES; \*OCCUPATIONAL ASPIRATION;  
SOCIOECONOMIC INFLUENCES  
IDENTIFIERS - WISCONSIN UNIVERSITY

ABSTRACT - This bibliography presents 60 citations of research work incorporating the Occupational Aspiration Scale (OAS) and has been compiled primarily on the basis of information provided by educators using the OAS. Listings are arranged alphabetically by author and include completed reports dating back to 1960 as well as incomplete reports with completion dates up to 1971. The bibliography is organized in three sections: the first presenting citations of completed works; the second listing studies which are completed, but for which relevant citation material is lacking; and the third listing research in process. Listings include the author, the name of the study, the date, and usually an annotation. (AUTHOR/JS)

**VT 011 800 ED 043 762**

JACKSON, DOROTHY G., ED.  
RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.

SOCIAL AND REHABILITATION SERVICE (CHEW), WASHINGTON, D.C. OFFICE OF RESEARCH,  
DEMONSTRATIONS, AND TRAINING.  
EDRS PRICE MF-\$0.65 HC-\$9.87  
PUB DATE - 70 268p.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*DEMONSTRATION PROJECTS; DISADVANTAGED GROUPS;  
INDEXES (LOCATORS); MENTALLY HANDICAPPED; PHYSICALLY HANDICAPPED; PROGRAM  
ADMINISTRATION; \*RESEARCH PROJECTS; SELF HELP PROGRAMS; \*VOCATIONAL REHABILITATION

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY OF 1,997 PROJECTS DATED FROM 1955-1969 AND ADMINISTERED BY BRANCHES OF THE SOCIAL AND REHABILITATION SERVICE IS DIVIDED INTO FOUR PARTS: (1) RESEARCH AND DEMONSTRATION PROJECTS WHICH WERE AUTHORIZED BY THE 1954 AMENDMENTS OF THE VOCATIONAL REHABILITATION ACT, LISTED UNDER 22 SUBJECT HEADINGS, (2) COOPERATIVE RESEARCH OR DEMONSTRATION PROJECTS, WHICH WERE AUTHORIZED IN 1956 BY SECTION 1110, TITLE XI, OF THE SOCIAL SECURITY ACT, AS AMENDED, (3) DEMONSTRATION PROJECTS IN PUBLIC ASSISTANCE, WHICH WERE AUTHORIZED IN 1963 BY SECTION 1115 OF THE SOCIAL SECURITY ACT, (4) RESEARCH AND TRAINING CENTERS, WHICH BEGAN IN 1961 AS PART OF THE VOCATIONAL REHABILITATION ACT. EXCEPT FOR A FEW CASES, ALL PROJECT LISTINGS CONTAIN PROJECT NUMBER, TITLE OF FINAL REPORT IF AVAILABLE OR PROJECT TITLE IF NOT AVAILABLE, GRANTEE'S NAME AND ADDRESS, PROJECT DIRECTOR'S NAME, AND ANNOTATION WITH KEY WORDS ITALICIZED. NUMERICAL AND SUBJECT INDEXES ARE ALSO INCLUDED. (SB)

**VT 011 863 ED 043 771**

**INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.**

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF SECONDARY CURRICULUM DEVELOPMENT.  
EDRS PRICE MF-\$0.65 HC-\$3.29  
PUBLICATIONS DISTRIBUTION UNIT, STATE EDUCATION DEPARTMENT, ALBANY, NEW YORK 12224  
(SINGLE COPIES AVAILABLE)  
PUB DATE - 70 64p.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; BIBLIOGRAPHIES; BOOKLISTS; \*INDUSTRIAL ARTS;  
INDUSTRIAL EDUCATION; INDUSTRIAL TECHNOLOGY; LIBRARY ACQUISITION; \*LIBRARY MATERIAL  
SELECTION; RESEARCH REVIEWS (PUBLICATIONS)

ABSTRACT - THIS COMPILATION IS DESIGNED TO ASSIST LIBRARIANS IN SELECTING BOOKS FOR SUPPLEMENTING THE EXPANDING PROGRAM OF INDUSTRIAL ARTS EDUCATION. THE BOOKS WERE SELECTED FOR THE MAJOR SUBJECT AREAS OF A BROAD INDUSTRIAL ARTS PROGRAM, ON THE BASIS OF REFLECTED INTEREST OF STUDENTS, CONTENT, FORMAT, AND READABILITY. THE FORMAT AND CODING USED IN THE BIBLIOGRAPHY ARE DESIGNED TO GIVE MAXIMUM ASSISTANCE TO LIBRARIANS

AND TEACHERS, PRESENTING BIBLIOGRAPHIC INFORMATION, READER INTEREST LEVEL, SUGGESTED ACQUISITION PRIORITY, PUBLISHER DATA, AND THE QUOTED PRICE. LISTINGS ARE ARRANGED ALPHABETICALLY BY AUTHOR IN THE SUBJECT GROUPINGS OF: (1) CERAMICS, (2) ELECTRICITY/ELECTRONICS, (3) FIBERS, (4) GRAPHICS, (5) METALS, (6) PLANNING/DESIGN, (7) PLASTICS, (8) POWER/TRANSPORTATION, INCLUDING AEROSPACE, AUTOMOTIVE, BOATING, ENGINES AND POWER, AND RAILROADING, (9) WOODS, AND (10) GENERAL. A PUBLISHERS ADDRESS LIST IS GIVEN. (GR)

VT 012 444      ED 045 857

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.  
Office of Education (DHEW), Washington, D.C.

EDRS PRICE MF-\$0.65 HC-\$19.74

Clearinghouse on Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (quarterly--Fall, Winter, Spring, Summer, \$11.00 per year).

PUB DATE -      71 563p.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION; INDEXES (LOCATORS); \*EDUCATIONAL RESEARCH; \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; CLEARINGHOUSES; RESEARCH MATERIALS

ABSTRACT - This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Facilities and Equipment, (6) Individuals with Special Needs, (7) Philosophy and Objectives, (8) Research Design, Development and Utilization, (9) Students, Occupational Guidance and Other Student Personnel Services, (10) Teachers and Teacher Education, (11) Teaching and Learning, and (12) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 011 733). (CD)

VT 012 484      ED 045 860

Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.

Ohio State Univ., Columbus. Center for Vocational and Technical Education.  
Office of Education (DHEW), Washington, D.C.

EDRS PRICE MF-\$75.75 HC NOT AVAILABLE FROM EDRS.

PUB DATE -      70 21,141p.

DESCRIPTORS - \*INDEXES (LOCATORS); \*EDUCATIONAL RESEARCH; \*VOCATIONAL EDUCATION; \*TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; \*ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION

ABSTRACT - Documents announced with VT numbers only in the Fall 1970 issue (VT 012 444) of "Abstracts of Research and Related Materials in Vocational and Technical Education" (ARM) are included in this microfiche set. Microfiche availability for these documents is shown on the ARM resume as "P AVAILABLE IN VT-ERIC SET. The microfiche set is arranged in the following sequence: (1) a Vocational Technical (VT) number index to documents in the microfiche collection, (2) the author index, the vocational and supporting services index, and the subject index from ARM, and (3) the full text of documents listed in the VT number index. The texts are filmed continuously in VT number sequence. (CD)

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## INDEXES

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INDEXES

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## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
ABILITY IDENTIFICATION		VT 011 831 ED 043 765	796
VT 011 771 ED 042 927	791	ACCREDITATION OF ALLIED MEDICAL	
COMPETENCIES NEEDED BY PERSONNEL		EDUCATION PROGRAMS.	
ENGAGED IN PROGRAM PLANNING IN		VT 011 942 ED 043 779	800
STATE DIVISIONS OF		NATIONAL CONFERENCE ON	
VOCATIONAL-TECHNICAL EDUCATION.		ACCREDITATION OF PUBLIC	
ABSTRACTS		POSTSECONDARY OCCUPATIONAL	
VT 007 344 ED 043 728	860	EDUCATION (JUNE 10-12, 1970).	
HOME ECONOMICS EDUCATION. HOME		CENTER SEMINAR AND CONFERENCE	
ECONOMICS RESEARCH ABSTRACTS: 1967.		REPORT NO. 11.	
ACADEMIC ACHIEVEMENT		VT 011 957	801
VT 011 632 ED 042 909	879	Operational Policies of the	
RELATIONSHIP OF SELECTED HIGH		Committee on Occupational	
SCHOOL COURSES COMPLETED TO		Education.	
ACHIEVEMENT IN INDUSTRIAL ARTS		VT 011 959	839
TEACHER EDUCATION.		Tentative Standards of the	
VT 011 701 ED 043 750	852	Committee on Occupational	
OCCUPATIONAL STATUS CHANGES FOR		Education.	
BLACKS AND NONBLACKS DURING THE		ACHIEVEMENT GAINS	
FIRST TEN YEARS OF OCCUPATIONAL		VT 011 759 ED 043 758	882
EXPERIENCE.		A QUASI-EXPERIMENTAL STUDY OF TWO	
ACADEMIC EDUCATION		SELECTED UNITS OF THE INDUSTRIAL	
VT 011 715	852	ARTS CURRICULUM PROJECT MATERIALS	
Project PRIDE (Prescribed		TO DETERMINE THE MEASURABLE	
Reinforcement Involving		ADDITIVE EFFECTS OF A UNIT ON	
Differentiated Education).		DESIGN IN MANUFACTURING TECHNOLOGY	
ACADEMIC FAILURE		UPON A SIMILAR UNIT ON DESIGN IN	
VT 009 915	842	CONSTRUCTION TECHNOLOGY.	
A Survey of Special Needs Students		ADJECTIVE CHECK LIST	
in Rhode Island.		VT 009 596	833
ACADEMIC STANDARDS		Measurement of Attitudinal Changes	
VT 011 942 ED 043 779	800	by Means of an Adjective Check	
NATIONAL CONFERENCE ON		List.	
ACCREDITATION OF PUBLIC		ADMINISTRATIVE AGENCIES	
POSTSECONDARY OCCUPATIONAL		VT 011 777	792
EDUCATION (JUNE 10-12, 1970).		Meeting on Vocational Education	
CENTER SEMINAR AND CONFERENCE		Accreditation (Chicago, Ill., Apr.	
REPORT NO. 11.		30, 1970).	
ACCIDENTS		ADMINISTRATIVE PERSONNEL	
VT 011 680	823	VT 010 135	767
Injury Rates in the Construction		Summary Report of a Pilot Study on	
Industry New York State, 1968.		Recruitment Practices and	
ACCREDITATION (INSTITUTIONS)		Procedures for Vocational-Technical	
VT 011 168	775	Personnel.	
Membership Directory of Accredited		VT 011 553	782
Private Trade and Technical		Supervision in the Missouri Wood	
Schools, 1969-70.		Products Industry.	
VT 011 730	805	ADMINISTRATIVE POLICY	
Guide Book for an Accredited		VT 010 241	768
Curriculum in Occupational Therapy.		National Policy of Apprenticeship	
Third Edition.		for Machinist (Automatic	
VT 011 777	792	Screw-Machines).	
Meeting on Vocational Education		ADMINISTRATIVE PROBLEMS	
Accreditation (Chicago, Ill., Apr.		VT 011 553	782
30, 1970).		Supervision in the Missouri Wood	
VT 011 778	792	Products Industry.	
Summary of Meeting of Task Force on			
Vocational Education in Higher			
Education (Columbia, S.C., April			
10, 1970).			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>ADMINISTRATOR ATTITUDES</b>		<b>VT 011 739</b>	853
<b>VT 011 673</b>	822	Training and Technology;	
The Status of Paraprofessionals in		Characteristics of the Worker	
New York State School Districts.		Training Graduate from Appalachia.	
Phase One of a Continuing Study:		<b>VT 011 740</b>	854
School Paraprofessionals.		Training and Technology;	
<b>VT 011 674</b>	823	Tour--Test--and Interview. (A Model	
The Status and Role of Lunchroom		for Recruitment of Disadvantaged	
Aides in Selected New York State		Persons into a Manpower Training	
School Districts, Phase Two of a		Program).	
Continuing Study: School		<b>VT 011 804</b>	794
Paraprofessionals.		Good Training, Good Jobs: MDTA.	
<b>VT 011 687</b>	788	Facts for Manpower Administrators.	
ED 043 745		<b>VT 011 828</b>	796
AN INVESTIGATION OF ATTITUDES HELD		Status of Adult Vocational	
BY INDUSTRIAL ARTS EDUCATORS TOWARD		Education in Utah.	
THE QUESTION OF A UNIFORM			
NATIONWIDE CURRICULUM FOR		<b>ADVISORY COMMITTEES</b>	
INDUSTRIAL ARTS.		<b>VT 011 076</b>	835
<b>VT 011 745</b>	790	A Concerned Texas.	
ED 043 756			
COMMUNICATION NETWORKS AND		<b>AEROSPACE INDUSTRY</b>	
INNOVATIVE POTENTIAL OF A STATE		<b>VT 011 326</b>	865
DIVISION OF VOCATIONAL EDUCATION.		Handbook of Aerospace-Related	
		Occupations.	
<b>ADMINISTRATOR GUIDES</b>			
<b>VT 011 836</b>	796	<b>AEROSPACE TECHNOLOGY</b>	
ED 043 766		<b>VT 011 018</b>	774
GUIDE FOR PROGRAM PLANNING: MEDICAL		High School Aviation Aerospace	
LABORATORY TECHNICIAN.		Education Status Report.	
		<b>VT 011 146</b>	817
<b>ADMINISTRATOR RESPONSIBILITY</b>		The Feasibility of Oregon Community	
<b>VT 011 703</b>	789	Colleges and Secondary Schools	
ED 042 914		offering Civil Aviation	
PERSONNEL RESPONSIBLE FOR DECISIONS		Occupational Education.	
INFLUENCING VOCATIONAL EDUCATION IN			
LOCAL SCHOOLS.		<b>AGRICULTURAL EDUCATION</b>	
		<b>VT 011 233</b>	870
<b>ADULT VOCATIONAL EDUCATION</b>		Level of Mechanics Skills,	
<b>VT 009 760</b>	767	Abilities, and Understandings	
Assessing the Economic Scene.		Needed and Possessed by Teachers of	
<b>VT 010 694</b>	769	Agriculture.	
Training and Technology; TAT		<b>VT 011 610</b>	784
Industrial Conference Proceedings,		Consumer's Knowledge and Use of	
1968.		Government Grades for Selected Food	
<b>VT 010 698</b>	770	Items.	
Training and Technology Project		<b>VT 011 757</b>	826
Recruitment. 1966-67 Worker		ED 042 922	
Training Program (and March, 1967		COMPETENCIES IN WELDING NEEDED FOR	
Supplement on Welding Trainees).		AGRICULTURAL MACHINERY MAINTENANCE.	
<b>VT 010 699</b>	770	<b>VT 011 774</b>	826
Training and Technology; First		A Study to Identify Vocational	
Cycle Report, Industrial Skill and		Competencies Needed for Employment	
Technical Training Program.		in the Grain, Feed, Seed, and Farm	
<b>VT 010 982</b>	834	Supply Industries.	
Skill Training for the		<b>VT 011 787</b>	793
Disadvantaged: Problems of		Relevancy in Agricultural	
Assessment.		Education.	
<b>VT 011 474</b>	849	<b>VT 011 806</b>	795
ED 042 904		National Workshop of Professional	
CONCERNED SERVICES IN MINNESOTA: AN		Leaders in FFA, Proceedings, 1969.	
EVALUATION OF DEVELOPMENTAL CHANGE.		<b>VT 011 846</b>	873
CENTER RESEARCH AND DEVELOPMENT		The Feasibility of Using Videotape	
REPORT NO. 7.		Techniques in Pre-Service Teacher	
<b>VT 011 475</b>	850	Education in Agriculture.	
ED 042 905		<b>VT 011 860</b>	798
CONCERNED SERVICES IN ARKANSAS: AN		Guidelines for an Extension	
EVALUATION OF DEVELOPMENTAL CHANGE.		Educational Program in	
CENTER RESEARCH AND DEVELOPMENT		Transportation.	
REPORT NO. 6.			
<b>VT 011 580</b>	783		
Training and Technology Project; A			
Study of Trainee Attitudes in a			
Manpower Training Program.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 909	830	VT 011 832	830
A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.		Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.	
AGRICULTURAL ENGINEERING		AIRCRAFT PILOTS	
VT 011 233	870	VT 010 915	877
Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture.		The Captive Helicopter as a Training Device.	
VT 011 772	837	AMERICAN INDIANS	
A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.		VT 006 210	808
AGRICULTURAL MACHINERY OCCUPATIONS		A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.	
VT 011 909	830	ANCILLARY SERVICES	
A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.		VT 011 742	790
AGRICULTURAL OCCUPATIONS		Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	
VT 010 366	814	ANNOTATED BIBLIOGRAPHIES	
Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.		VT 009 885	812
AGRICULTURAL RESEARCH PROJECTS		Working Mothers: A Selected Annotated Bibliography.	
VT 011 451 ED 043 737	780	VT 011 383	778
BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.		The Construction Industry: Selected References, 1960-1969.	
AGRICULTURAL SKILLS		VT 011 725 ED 043 753	884
VT 010 366	814	AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	
Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.		VT 011 800 ED 043 762	885
VT 011 757 ED 042 922	826	RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.		VT 011 863 ED 043 771	885
VT 011 774	826	INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.	
A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.		VT 012 444 ED (SEE APR '71 RIE)	886
VT 011 909	830	Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	
A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.		VT 012 484 ED (SEE APR '71 RIE)	886
AGRICULTURAL SUPPLY OCCUPATIONS		Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	
VT 011 774	826	APPRENTICESHIPS	
A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.		VT 009 606	864
AGRICULTURE		Career Opportunities Through Apprenticeship.	
VT 009 804	812	VT 010 241	768
Manpower Outlook '80: Arizona Agriculture.		National Policy of Apprenticeship for Machinist (Automatic Screw-Machines).	
		VT 010 652	769
		National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.	



SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 010 917      ED 042 890	815	ATTITUDES	
A SECOND LOOK AT THE DROP-OUT		VT 011 878	838
PROBLEM IN APPRENTICESHIP TRAINING.		Development of a Scale to Measure	
VT 011 010	864	Attitudes Toward Vocational	
The Ohio Apprenticeship Notebook		Education.	
for School Counselors.			
VT 011 019	834	AUDIOVISUAL AIDS	
The Extent of Registered Apprentice		VT 011 760      ED 042 923	882
Training in New York State, 1967.		AN EXPERIMENTAL EVALUATION OF THE	
VT 011 390	778	EFFECTIVENESS OF AN AUDIO-TUTORIAL	
A Report of the Enrollment of		METHOD IN TEACHING VOCATIONAL	
Apprentices in Related Technical		AGRICULTURE.	
Classes in California Public			
Schools.		AUTO MECHANICS	
VT 011 516	821	VT 010 436	833
Apprenticeship in Arizona.		Training for the Automotive Trades	
VT 011 653	785	in New York City.	
Further Education for Technicians.			
VT 011 655	786	AUTOMATION	
Partnership Incorporated; An		VT 011 689      ED 043 747	872
Account of a Joint Effort to Solve		AN INVESTIGATION OF OFFERINGS OF	
the Problems of Apprentice		INDUSTRIAL ARTS TEACHER EDUCATION	
Training.		INSTITUTIONS IN THE AREAS OF	
VT 011 657	787	AUTOMATION AND CYBERNETICS AS	
Human Resources and New Systems of		COMPARED WITH CURRENT PRACTICES IN	
Vocational Training and		INDUSTRY.	
Apprenticeship. A Summary.			
VT 011 751	854	AUTOMOTIVE TRADES	
Black Builders; A Job Program that		VT 010 436	833
Works.		Training for the Automotive Trades	
		in New York City.	
APTITUDE TESTS			
VT 009 394	832	AVIATION MECHANICS	
Skill and Operative Selection for		VT 011 017	774
Fine Manual Tasks.		Survey of Federal Aviation Agency	
		Approved Mechanic School Programs.	
AREA VOCATIONAL SCHOOLS			
VT 009 758	766	AVIATION TECHNOLOGY	
Approval Criteria for Area		VT 011 018	774
Secondary Vocational Centers in		High School Aviation Aerospace	
Illinois.		Education Status Report.	
		VT 011 146	817
ARKANSAS		The Feasibility of Oregon Community	
VT 011 368	819	Colleges and Secondary Schools	
Arkansas' Manpower Needs.		offering Civil Aviation	
		Occupational Education.	
ARNOLD PLANNING MODEL			
VT 011 771      ED 042 927	791	BEHAVIOR CHANGE	
COMPETENCIES NEEDED BY PERSONNEL		VT 011 540      ED 042 908	781
ENGAGED IN PROGRAM PLANNING IN		THE RELATIONSHIP OF GROUP	
STATE DIVISIONS OF		STRUCTURAL PROPERTIES AND	
VOCATIONAL-TECHNICAL EDUCATION.		COMMUNICATION BEHAVIOR PATTERNS TO	
		OPINION LEADERSHIP AMONG TEACHERS.	
ARTICULATION (PROGRAM)		FINAL REPORT. RESEARCH AND	
VT 009 389	868	DEVELOPMENT SERIES NO. 41.	
Articulation of Courses and			
Curricula for Industrial Teacher		BEHAVIOR PATTERNS	
Preparation.		VT 011 540      ED 042 908	781
VT 011 728      ED 042 917	884	THE RELATIONSHIP OF GROUP	
INTERPRETATION OF LITERATURE ON		STRUCTURAL PROPERTIES AND	
CAREER LADDERS AND LATTICES IN		COMMUNICATION BEHAVIOR PATTERNS TO	
HEALTH OCCUPATIONS EDUCATION.		OPINION LEADERSHIP AMONG TEACHERS.	
INFORMATION SERIES NO. 23.		FINAL REPORT. RESEARCH AND	
		DEVELOPMENT SERIES NO. 41.	
ATTENDANT TRAINING			
VT 011 937	857		
Some Results of a Training Program			
for Non-Professional Medical			
Personnel.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 010	864	CIVIL LIBERTIES	
The Ohio Apprenticeship Notebook for School Counselors.		VT 011 011	774
VT 011 296	805	Citizenship Training for Vocational-Technical Education Students in Secondary Schools.	
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.		COLLEGE CURRICULUM	
VT 011 344	865	VT 011 817 ED 043 763	855
A Job with the Forest Service.		HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.	
VT 011 364	777	COLLEGE GRADUATES	
A Plan for Career Development in the Public Schools of the District of Columbia.		VT 010 997	864
CHANGE AGENTS		Careers in Home Economics.	
VT 011 540 ED 042 908	781	VT 011 632 ED 042 909	879
THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.		RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	
CHANGING ATTITUDES		COLLEGE STUDENTS	
VT 009 596	833	VT 011 635 ED 042 057	879
Measurement of Attitudinal Changes by Means of an Adjective Check List.		THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.	
VT 011 745 ED 043 756	790	COLLEGE TEACHERS	
COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.		VT 011 685 ED 043 743	871
CHARTS		SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	
VT 011 077	775	COLOMBO PLAN	
Health Manpower Annual Conference, 1969.		VT 011 825	795
CHILD CARE OCCUPATIONS		Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	
VT 010 136	768	COMMITTEE ON LABOR AND PUBLIC WELFARE	
Programs for Career Opportunities in Child Development.		VT 011 706 ED 043 752	790
CHILD CARE WORKERS		ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.	
VT 011 867	857	COMMITTEES	
Evaluation of a Program of Training for Day Care Attendants.		VT 011 957	801
CHILD LABOR		Operational Policies of the Committee on Occupational Education.	
VT 011 832	830	COMMUNICATIONS	
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		VT 011 745 ED 043 756	790
CHILD LABOR LAWS		COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.	
VT 011 832	830	COMMUNITY COLLEGES	
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		VT 009 389	868
CITIZENSHIP RESPONSIBILITY		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
VT 011 011	774		
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
BEHAVIORAL OBJECTIVES		VT 011 094 ED 042 893	869
VT 011 296	805	VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.	
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.		VT 011 770	36
		Assessment of Educational Programs.	
BIBLIOGRAPHIES		CANADA	
VT 007 344 ED 043 728	860	VT 010 502	884
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		Survey of Vocational Education and Training.	
VT 011 708 ED 042 916	852	VT 011 937	857
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.		Some Results of a Training Program for Non-Professional Medical Personnel.	
VT 011 724 ED 042 918	853		
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		CAREER CHANGE	
VT 011 728 ED 042 919	884	VT 009 540	810
INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.		Prediction of Individual Job Turnover From Measured Job Satisfaction.	
VT 011 758	885		
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).		CAREER CHOICE	
VT 011 780 ED 043 759	806	VT 009 606	864
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		Career Opportunities Through Apprenticeship.	
BUDGETING		CAREER OPPORTUNITIES	
VT 010 994 ED 043 730	773	VT 009 606	864
TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.		Career Opportunities Through Apprenticeship.	
VT 011 469 ED 042 903	780	VT 010 136	768
LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.		Programs for Career Opportunities in Child Development.	
		VT 010 997	864
BUILDING MATERIALS		Careers in Home Economics.	
VT 010 652	769	VT 011 083	816
National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.		Opportunities in Graphic Arts Careers.	
		VT 011 186	865
BUILDING TRADES		Careers in the Logging Industry.	
VT 011 751	854	VT 011 443	819
Black Builders; A Job Program that Works.		Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	
		VT 011 444 ED 042 902	820
BUSINESS AND PROFESSIONAL WOMENS FOUNDATION		DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	
VT 009 885	812	VT 011 826 ED 043 764	829
Working Mothers: A Selected Annotated Bibliography.		DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.	
BUSINESS EDUCATION		CAREER PLANNING	
VT 007 242 ED 043 727	804	VT 006 469	832
TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.		An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 010	864	CIVIL LIBERTIES	
The Ohio Apprenticeship Notebook for School Counselors.		VT 011 011	774
VT 011 296	805	Citizenship Training for Vocational-Technical Education Students in Secondary Schools.	
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.		COLLEGE CURRICULUM	
VT 011 344	865	VT 011 817 ED 043 763	855
A Job with the Forest Service.		HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.	
VT 011 364	777	COLLEGE GRADUATES	
A Plan for Career Development in the Public Schools of the District of Columbia.		VT 010 997	864
CHANGE AGENTS		Careers in Home Economics.	
VT 011 540 ED 042 908	781	VT 011 632 ED 042 909	879
THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.		RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	
CHANGING ATTITUDES		COLLEGE STUDENTS	
VT 009 596	833	VT 011 635 ED 042 057	879
Measurement of Attitudinal Changes by Means of an Adjective Check List.		THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.	
VT 011 745 ED 043 756	790	COLLEGE TEACHERS	
COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.		VT 011 685 ED 043 743	871
CHARTS		SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	
VT 011 077	775	COLOMBO PLAN	
Health Manpower Annual Conference, 1969.		VT 011 825	795
CHILD CARE OCCUPATIONS		Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	
VT 010 136	768	COMMITTEE ON LABOR AND PUBLIC WELFARE	
Programs for Career Opportunities in Child Development.		VT 011 706 ED 043 752	790
CHILD CARE WORKERS		ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.	
VT 011 867	857	COMMITTEES	
Evaluation of a Program of Training for Day Care Attendants.		VT 011 957	801
CHILD LABOR		Operational Policies of the Committee on Occupational Education.	
VT 011 832	830	COMMUNICATIONS	
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		VT 011 745 ED 043 756	790
CHILD LABOR LAWS		COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.	
VT 011 832	830	COMMUNITY COLLEGES	
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		VT 009 389	868
CITIZENSHIP RESPONSIBILITY		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
VT 011 011	774		
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 469 ED 042 903 LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	780	COMPENSATORY EDUCATION PROGRAMS VT 011 892 Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.	798
COMMUNITY SURVEYS VT 009 892 Occupational Profile; City of San Francisco.	812	COMPETITIVE SELECTION VT 011 740 Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).	854
COMPARATIVE ANALYSIS VT 009 381 The Discovery Method in Training.	876	COMPREHENSIVE PROGRAMS VT 011 894 ED 043 774 FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	799
VT 011 632 ED 042 909 RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	879		
VT 011 635 ED 042 057 THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.	879		
VT 011 638 A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	861	CONCEPT FORMATION VT 010 913 A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	877
VT 011 707 ED 042 915 DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	872	CONCEPTUAL SCHEMES VT 010 913 A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	877
VT 011 722 Requirements for Office and Distributive Education Teacher-Coordinators.	873		
VT 011 736 ED 042 921 EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.	881	CONCERTED SERVICES IN TRAINING AND EDUCATION VT 011 474 ED 042 904 CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.	849
VT 011 759 ED 043 758 A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.	882	VT 011 475 ED 042 905 CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	850
VT 011 769 Motivational Conflict and Employment Instability.	826	CONFERENCE REPORTS VT 010 694 Training and Technology; TAT Industrial Conference Proceedings, 1968.	769
VT 011 809 Kansas Migration and Employment 1960-1968.	828	VT 010 701 Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.	771
VT 011 905 A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	838	VT 010 935 Directions '70, Summary of A Vocational Education Leadership Conference, 1969.	771
COMPARATIVE EDUCATION VT 010 072 ED 042 877 TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.	767	VT 010 987 Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).	772

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 010 988	773	CONSTRUCTION INDUSTRY	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).		VT 011 198	817
VT 010 990	773	Seasonal Unemployment in the Construction Industry. Report and Recommendations.	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).		VT 011 325	777
VT 010 996	815	The Crisis in Construction; There Is an Answer.	
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		VT 011 383	778
VT 011 077	775	The Construction Industry: Selected References, 1960-1969.	
Health Manpower Annual Conference, 1969.		VT 011 439 ED 043 736	779
VT 011 333 ED 042 896	861	EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	
REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).		VT 011 543	782
VT 011 615	784	Building Trades, Skopje, Yugoslavia Training Centre.	
Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.		VT 011 680	823
VT 011 770	836	Injury Rates in the Construction Industry New York State, 1968.	
Assessment of Educational Programs.		CONSTRUCTION NEEDS	
VT 011 777	792	VT 011 439 ED 043 736	779
Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).		EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	
VT 011 806	795	CONSTRUCTION PROGRAMS	
National Workshop of Professional Leaders in FPA, Proceedings, 1969.		VT 011 543	782
VT 011 825	795	Building Trades, Skopje, Yugoslavia Training Centre.	
Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).		CONSUMER ECONOMICS	
VT 011 855	797	VT 011 610	784
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		Consumer's Knowledge and Use of Government Grades for Selected Food Items.	
VT 011 879 ED 043 773	862	CONSUMER EDUCATION	
REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.		VT 011 610	784
VT 011 942 ED 043 779	800	Consumer's Knowledge and Use of Government Grades for Selected Food Items.	
NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.		VT 011 879 ED 043 773	862
CONSTRUCTION COSTS		REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
VT 011 439 ED 043 736	779	COOPERATIVE EDUCATION	
EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.		VT 009 604	765
		Guidelines for Cooperative Education Coordinator.	
		VT 011 675	871
		The Development of Performance Objectives for Teacher-Coordina-tors of Cooperative Occupational Training Programs.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 859      ED 043 770	838	VT 011 846      ED 043 767	837
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.		AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	
COOPERATIVE PROGRAMS		CULTURALLY DISADVANTAGED	
VT 009 604	765	VT 010 071	842
Guidelines for Cooperative Education Coordinator.		Job Training for the Disadvantaged.	
VT 010 701	771	VT 010 979      ED 042 891	846
Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.		MANPOWER INFORMATION FOR URBAN POVERTY AREAS.	
VT 010 944	846	VT 010 982	834
A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.		Skill Training for the Disadvantaged: Problems of Assessment.	
COORDINATORS		VT 011 739	853
VT 009 604	765	Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.	
Guidelines for Cooperative Education Coordinator.		VT 011 740	854
CORRECTIONAL REHABILITATION		Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).	
VT 010 073	833	VT 011 875      ED 043 772	857
Analysis of Work Release for Felons in Minnesota.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
VT 010 712      ED 042 888	844	CURRICULUM	
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.		VT 010 740	904
CORRECTIVE INSTITUTIONS		Training and Technology; Worker Training Curriculum, Phase I.	
VT 011 715	852	CURRICULUM DEVELOPMENT	
Project PRIDE (Prescribed Reinforcement Involving Differentiated Education).		VT 011 273	804
COUNSELING		Program Services Special Needs Workshop, 1968.	
VT 011 786	866	VT 011 469      ED 042 903	780
A Conversation with Lynda.		LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	
COUNSELING PROGRAMS		VT 011 600      ED 042 053	
VT 011 328      ED 043 735	849	HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	
OPERATION JOY START. FINAL REPORT.		VT 011 687      ED 043 745	788
COURSE CONTENT		AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.	
VT 011 193      ED 043 734	776	VT 011 688      ED 043 746	836
INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.		A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.	
COURSE DESCRIPTIONS		VT 011 720	824
VT 011 656	786	Skills and Knowledge Needed by Personnel in Architectural Drafting.	
Further Education for Operatives.			
CRITERIA			
VT 011 805	795		
Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.			
CRITICAL INCIDENTS METHOD			
VT 011 722	873		
Requirements for Office and Distributive Education Teacher-Coordination.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 780 ED 043 759	806	VT 011 703 ED 042 914	789
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.	
VT 012 164	806	DECISION MAKING SKILLS	
Occupational Preparation, K-12 and Beyond.		VT 011 848 ED 043 767	837
CURRICULUM EVALUATION		AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	
VT 011 688 ED 043 746	836	DEFACTO SEGREGATION	
A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.		VT 010 885	845
CURRICULUM GUIDES		The Negro Worker in the Chicago Labor Market.	
VT 011 730	805	DEGREE REQUIREMENTS	
Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.		VT 011 683 ED 043 741	787
VT 011 854	856	ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
Home Economics and the Disadvantaged.		DEMAND OCCUPATIONS	
CURRICULUM PLANNING		VT 011 146	817
VT 011 730	805	The Feasibility of Oregon Community Colleges and Secondary Schools offering Civil Aviation Occupational Education.	
Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.		VT 011 442	819
CYBERNETICS		New Hampshire Occupations in 1975.	
VT 011 689 ED 043 747	872	DEMONSTRATION PROJECTS	
AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.		VT 010 694	769
DAIRYMEN		Training and Technology; TAT Industrial Conference Proceedings, 1968.	
VT 011 460	820	VT 010 698	770
Occupations and Trends in the Dairy Industry.		Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).	
DATA COLLECTION		VT 010 699	770
VT 011 681	787	Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.		VT 010 740	804
DEAF		Training and Technology; Worker Training Curriculum, Phase I.	
VT 011 824	855	VT 011 800 ED 043 762	885
Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.		RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
DEAF EDUCATION		DEMONSTRATIONS (EDUCATIONAL)	
VT 011 824	855	VT 011 736 ED 042 921	881
Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.		EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.	
DECISION MAKING		DEPRESSED AREAS (GEOGRAPHIC)	
VT 011 560 ED 042 046	783	VT 009 598	811
AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.		Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
DEVELOPED NATIONS		VT 011 867	857
VT 010 072 ED 042 877	767	Evaluation of a Program of Training for Day Care Attendants.	
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.		VT 011 937	857
VT 011 293	848	Some Results of a Training Program for Non-Professional Medical Personnel.	
Special Job Creation for the Hard-to-Employ in Western Europe.			
VT 011 964 ED 043 784	801	DISADVANTAGED YOUTH	
PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.		VT 009 915	842
		A Survey of Special Needs Students in Rhode Island.	
DEVELOPING NATIONS		VT 009 929	842
VT 011 451 ED 043 737	780	Bridging the Employment Gap: Strategies for Success, and Causes, Consequences, and Cures for Labor Turnover Problems.	
BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.		VT 010 375 ED 042 882	844
VT 011 657	787	REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.	
Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.		VT 010 472	844
VT 011 964 ED 043 784	801	Neighborhood Youth Corps--New Careers.	
PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.		VT 011 328 ED 043 735	849
		OPERATION JOB START. FINAL REPORT.	
DEVELOPMENTAL PROGRAMS		VT 011 658	851
VT 010 996	815	Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		VT 011 854	856
		Home Economics and the Disadvantaged.	
DIRECTORIES		DISCOVERY LEARNING	
VT 011 168	775	VT 009 381	876
Membership Directory of Accredited Private Trade and Technical Schools, 1969-70.		The Discovery Method in Training.	
VT 011 792 ED 043 760	793	DISTRIBUTIVE EDUCATION	
DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.		VT 011 692	788
VT 011 831 ED 043 765	796	Post Secondary Distributive Education.	
ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.		VT 011 702 ED 042 913	880
		THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	
DISADVANTAGED GROUPS		VT 011 707 ED 042 915	872
VT 011 090	847	DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	
Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.			
VT 011 136 ED 043 732	775	DOCTORAL PROGRAMS	
IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).		VT 011 683 ED 043 741	787
VT 011 293	848	ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
Special Job Creation for the Hard-to-Employ in Western Europe.		VT 011 684 ED 043 742	835
VT 011 708 ED 042 916	852	A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.			
VT 011 810	854		
The Teacher of Home Economics; Reaching Out to Those We Teach.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
DOCTORAL THESES		EAST TENNESSEE DEVELOPMENT DISTRICT	
VT 011 333 ED 042 896	861	VT 011 814	828
REPORT OF NEW MANPOWER RESEARCHERS		Training and Technology; Existing	
CONFERENCE (SEPTEMBER 18-19, 1969).		and Forecasted Employment in	
VT 011 736 ED 042 921	881	Selected Service Occupations (East	
EXPERIMENTAL EVALUATION OF		Tennessee).	
DEMONSTRATIONS IN TEACHING			
VOCATIONAL AGRICULTURE.			
VT 011 760 ED 042 923	882	ECONOMIC DEVELOPMENT	
AN EXPERIMENTAL EVALUATION OF THE		VT 010 710	814
EFFECTIVENESS OF AN AUDIO-TUTORIAL		The Changing Economic Structure and	
METHOD IN TEACHING VOCATIONAL		Manpower Needs in Louisiana,	
AGRICULTURE.		1965-1975.	
		VT 011 825	795
DRAFTSMEN		Colombo Plan Seminar on National	
VT 011 720	824	Planning of Vocational and	
Skills and Knowledge Needed by		Technical Training (Tjipajung,	
Personnel in Architectural		Indonesia, December 1969).	
Drafting.			
		ECONOMIC DISADVANTAGEMENT	
DRIVER EDUCATION		VT 012 031	858
VT 011 848 ED 043 767	837	Vocational Education and Poverty.	
AN EVALUATION OF THE TRAINING OF A			
CRITICAL DRIVING SKILL BY MEANS OF		ECONOMIC FACTORS	
A SIMULATION TECHNIQUE. FINAL		VT 009 804	812
REPORT.		Manpower Outlook '80: Arizona	
		Agriculture.	
DROPOUT PREVENTION		VT 011 311	818
VT 011 372	777	Qualified Manpower in Ontario,	
School to Employment Program.		1961-1986. Volume 1: Determination	
Project Step Report--1968-1969.		and Projection of Basic Stocks.	
DROPOUT PROBLEMS		ECONOMIC RESEARCH	
VT 010 917 ED 042 890	815	VT 006 312	809
A SECOND LOOK AT THE DROP-OUT		Summary of Employment Security	
PROBLEM IN APPRENTICESHIP TRAINING.		Statistical Reports.	
DROPOUT PROGRAMS		ECONOMICALLY DISADVANTAGED	
VT 011 827	855	VT 010 741 ED 042 889	845
The General Education Development		ANALYSIS AND SUMMARY OF CURRENT	
(GED) Program at Training and		MANPOWER TRENDS AND POLICIES.	
Technology.		SECOND EDITION.	
		VT 011 474 ED 042 904	849
DROPOUT RESEARCH		CONCERTED SERVICES IN MINNESOTA: AN	
VT 010 917 ED 042 890	815	EVALUATION OF DEVELOPMENTAL CHANGE.	
A SECOND LOOK AT THE DROP-OUT		CENTER RESEARCH AND DEVELOPMENT	
PROBLEM IN APPRENTICESHIP TRAINING.		REPORT NO. 7.	
		VT 011 475 ED 042 905	850
DROPOUTS		CONCERTED SERVICES IN ARKANSAS: AN	
VT 010 375 ED 042 882	844	EVALUATION OF DEVELOPMENTAL CHANGE.	
REPORT ON EXPERIMENTAL AND		CENTER RESEARCH AND DEVELOPMENT	
DEMONSTRATION MANPOWER PROJECT FOR		REPORT NO. 6.	
THE TIDE PROGRAM, AS AN EXTENSION		VT 011 724 ED 042 918	853
OF THE SUMMER YOUTH DEMONSTRATION		TRAINING THE SOCIO-ECONOMICALLY	
PROGRAM IN YOUTH OPPORTUNITY		DISADVANTAGED; A SELECTED,	
CENTERS.		ANNOTATED BIBLIOGRAPHY.	
VT 011 724 ED 042 918	853		
TRAINING THE SOCIO-ECONOMICALLY		EDUCABLE MENTALLY HANDICAPPED	
DISADVANTAGED; A SELECTED,		VT 010 751	845
ANNOTATED BIBLIOGRAPHY.		The Vocational Adjustment of	
VT 011 749 ED 043 757	836	Special Class Students.	
DIFFERENTIATING AMONG GRADUATES OF			
VOCATIONAL-TECHNICAL CURRICULUMS.		EDUCATION	
		VT 007 637 ED 043 729	764
		ENACTMENTS BY THE 90TH CONGRESS	
		CONCERNING EDUCATION AND TRAINING,	
		FIRST SESSION 1967, PART	
		2--APPENDIX.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
DOCTORAL THESES		EAST TENNESSEE DEVELOPMENT DISTRICT	
VT 011 333 ED 042 896	861	VT 011 814	828
REPORT OF NEW MANPOWER RESEARCHERS		Training and Technology; Existing	
CONFERENCE (SEPTEMBER 18-19, 1969).		and Forecasted Employment in	
VT 011 736 ED 042 921	881	Selected Service Occupations (East	
EXPERIMENTAL EVALUATION OF		Tennessee).	
DEMONSTRATIONS IN TEACHING			
VOCATIONAL AGRICULTURE.			
VT 011 760 ED 042 923	882	ECONOMIC DEVELOPMENT	
AN EXPERIMENTAL EVALUATION OF THE		VT 010 710	814
EFFECTIVENESS OF AN AUDIO-TUTORIAL		The Changing Economic Structure and	
METHOD IN TEACHING VOCATIONAL		Manpower Needs in Louisiana,	
AGRICULTURE.		1965-1975.	
		VT 011 825	795
DRAFTSMEN		Colombo Plan Seminar on National	
VT 011 720	824	Planning of Vocational and	
Skills and Knowledge Needed by		Technical Training (Tjipajung,	
Personnel in Architectural		Indonesia, December 1969).	
Drafting.			
		ECONOMIC DISADVANTAGEMENT	
DRIVER EDUCATION		VT 012 031	858
VT 011 848 ED 043 767	837	Vocational Education and Poverty.	
AN EVALUATION OF THE TRAINING OF A			
CRITICAL DRIVING SKILL BY MEANS OF		ECONOMIC FACTORS	
A SIMULATION TECHNIQUE. FINAL		VT 009 804	812
REPORT.		Manpower Outlook '80: Arizona	
		Agriculture.	
DROPOUT PREVENTION		VT 011 311	818
VT 011 372	777	Qualified Manpower in Ontario,	
School to Employment Program.		1961-1986. Volume 1: Determination	
Project Step Report--1968-1969.		and Projection of Basic Stocks.	
DROPOUT PROBLEMS		ECONOMIC RESEARCH	
VT 010 917 ED 042 890	815	VT 006 312	809
A SECOND LOOK AT THE DROP-OUT		Summary of Employment Security	
PROBLEM IN APPRENTICESHIP TRAINING.		Statistical Reports.	
DROPOUT PROGRAMS		ECONOMICALLY DISADVANTAGED	
VT 011 827	855	VT 010 741 ED 042 889	845
The General Education Development		ANALYSIS AND SUMMARY OF CURRENT	
(GED) Program at Training and		MANPOWER TRENDS AND POLICIES.	
Technology.		SECOND EDITION.	
		VT 011 474 ED 042 904	849
DROPOUT RESEARCH		CONCERTED SERVICES IN MINNESOTA: AN	
VT 010 917 ED 042 890	815	EVALUATION OF DEVELOPMENTAL CHANGE.	
A SECOND LOOK AT THE DROP-OUT		CENTER RESEARCH AND DEVELOPMENT	
PROBLEM IN APPRENTICESHIP TRAINING.		REPORT NO. 7.	
		VT 011 475 ED 042 905	850
DROPOUTS		CONCERTED SERVICES IN ARKANSAS: AN	
VT 010 375 ED 042 882	844	EVALUATION OF DEVELOPMENTAL CHANGE.	
REPORT ON EXPERIMENTAL AND		CENTER RESEARCH AND DEVELOPMENT	
DEMONSTRATION MANPOWER PROJECT FOR		REPORT NO. 6.	
THE TIDE PROGRAM, AS AN EXTENSION		VT 011 724 ED 042 918	853
OF THE SUMMER YOUTH DEMONSTRATION		TRAINING THE SOCIO-ECONOMICALLY	
PROGRAM IN YOUTH OPPORTUNITY		DISADVANTAGED; A SELECTED,	
CENTERS.		ANNOTATED BIBLIOGRAPHY.	
VT 011 724 ED 042 918	853		
TRAINING THE SOCIO-ECONOMICALLY		EDUCABLE MENTALLY HANDICAPPED	
DISADVANTAGED; A SELECTED,		VT 010 751	845
ANNOTATED BIBLIOGRAPHY.		The Vocational Adjustment of	
VT 011 749 ED 043 757	836	Special Class Students.	
DIFFERENTIATING AMONG GRADUATES OF			
VOCATIONAL-TECHNICAL CURRICULUMS.		EDUCATION	
		VT 007 637 ED 043 729	764
		ENACTMENTS BY THE 90TH CONGRESS	
		CONCERNING EDUCATION AND TRAINING,	
		FIRST SESSION 1967, PART	
		2--APPENDIX.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
EDUCATION SERVICE CENTERS		VT 011 014	847
VT 011 894 ED 043 774	799	These, Too, Must Be Equal.	
FACTORS GOVERNING THE ESTABLISHMENT		America's Needs in Habilitation and	
AND OPERATION OF COOPERATIVE		Employment of the Mentally	
COMPREHENSIVE EDUCATIONAL SERVICE		Retarded.	
CENTERS IN WYOMING WITH APPLICATION		VT 011 076	835
TO A STATE MASTER PLAN. A POSITION		A Concerned Texas.	
PAPER AND A PROPOSAL.		VT 011 146	817
EDUCATIONAL ADMINISTRATION		The Feasibility of Oregon Community	
VT 011 705 ED 043 751	789	Colleges and Secondary Schools	
THE DEVELOPMENT OF HUMAN		offering Civil Aviation	
POTENTIALITIES IN LEADERSHIP ROLES		Occupational Education.	
FOR VOCATIONAL ADMINISTRATORS AND		VT 011 685 ED 043 743	871
TEACHERS.		SPECIFIC NEEDS FOR UPDATING	
EDUCATIONAL BENEFITS		EDUCATIONAL EXPERIENCES AS REPORTED	
VT 011 866	856	BY INSTRUCTORS OF ELECTRONICS IN	
Two Years of Outreach, 1968-1970.		INDUSTRIAL EDUCATION DEPARTMENTS OF	
EDUCATIONAL CHANGE		COLLEGES AND UNIVERSITIES.	
VT 010 952	772	VT 011 798	793
A Principle in Time.		Ohio Advisory Council for	
EDUCATIONAL DEVELOPMENT		Vocational Education, First Report.	
VT 011 451 ED 043 737	780	VT 011 802	794
BUILDING INSTITUTIONS TO SERVE		A Study of Occupational Education	
AGRICULTURE. A SUMMARY REPORT OF		Needs of the Rock Springs/Green	
THE CIC-AID RURAL DEVELOPMENT		River, Wyoming Area with	
RESEARCH PROJECT.		Implications for	
EDUCATIONAL IMPROVEMENT		Vocational-Technical Education.	
VT 011 849 ED 043 768	797	VT 011 826 ED 043 764	829
EDUCATION AND TRAINING FOR		DEVELOPMENT OF CAREER OPPORTUNITIES	
INDUSTRIAL DEVELOPMENT IN INDIA;		FOR BIOMEDICAL EQUIPMENT	
THE PROBLEM OF LINKAGES.		TECHNICIANS. SURVEY OF JOB	
EDUCATIONAL INNOVATION		CHARACTERISTICS, MANPOWER NEEDS AND	
VT 011 193 ED 043 734	776	TRAINING RESOURCES, AS OF JUNE,	
INNOVATIVE PROGRAMS IN INDUSTRIAL		1970. INTERIM REPORT 2.	
ARTS.		VT 011 858	856
VT 011 589	878	Training and Technology:	
A Profile of Vocational-Technical		Identification of Potential	
Education, Quincy, Massachusetts.		Training Resources for Service	
VT 011 693 ED 042 912	789	Occupations (East Tennessee).	
JOURNEY FOR RELEVANCE. INDUSTRY AND		VT 011 908	799
EDUCATION STUDY NO. 3.		First Annual Report of the Advisory	
VT 011 745 ED 043 756	790	Council for Technical-Vocational	
COMMUNICATION NETWORKS AND		Education in Texas.	
INNOVATIVE POTENTIAL OF A STATE		EDUCATIONAL OBJECTIVES	
DIVISION OF VOCATIONAL EDUCATION.		VT 012 323	802
EDUCATIONAL LEGISLATION		Vocational Education: The Bridge	
VT 011 706 ED 043 752	790	Between Man and His Work.	
ENACTMENTS BY THE 90TH CONGRESS		Publication 1.	
CONCERNING EDUCATION AND TRAINING.		EDUCATIONAL OPPORTUNITIES	
SECOND SESSION 1968.		VT 009 892	812
EDUCATIONAL NEEDS		Occupational Profile; City of San	
VT 006 210	808	Francisco.	
A Study of the Employability		VT 010 323 ED 042 881	768
Factors and Needs of Wisconsin		A PLAN TO INCREASE VOCATIONAL	
Tribal Indians.		EDUCATION OPPORTUNITIES THROUGH THE	
VT 010 366	814	EXPANSION OF CURRICULUM AND	
Occupational Opportunities and		AVAILABLE FACILITIES. FINAL REPORT	
Training Needs for Agricultural		(JULY 1, 1968-JULY 25, 1969).	
Employment in Selected Areas of		VT 011 083	816
Arizona: Santa Cruz Valley Union		Opportunities in Graphic Arts	
High School District.		Careers.	
		VT 011 787	793
		Relevancy in Agricultural	
		Education.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 824	855	VT 010 990	773
Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).	
EDUCATIONAL PHILOSOPHY		VT 011 364	777
VT 011 787	793	A Plan for Career Development in the Public Schools of the District of Columbia.	
Relevancy in Agricultural Education.		VT 011 408	778
EDUCATIONAL PLANNING		Some Guidelines for Successful Police-Community Relations Training Programs.	
VT 010 974	869	VT 011 435	779
Seminar for Instructors and Directors of Selected Health Related Programs, 1969.		New Patterns of Health Care: The Physician's Assistant.	
VT 010 983	772	VT 011 544	821
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		Stepping Stones in Nursing Education.	
VT 011 364	777	VT 011 693	789
A Plan for Career Development in the Public Schools of the District of Columbia.		ED 042 912	
VT 011 778	792	JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	
Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).		VT 011 785	792
VT 011 894	799	Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.	
ED 043 774		VT 011 792	793
FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.		ED 043 760	
EDUCATIONAL POLICIES		DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.	
VT 011 957	801	VT 011 831	796
Operational Policies of the Committee on Occupational Education.		ED 043 765	
EDUCATIONAL PRINCIPLES		ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.	
VT 011 766	791	VT 011 910	799
ED 042 926		ED 043 775	
GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.		RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
EDUCATIONAL PROBLEMS		VT 011 964	801
VT 012 031	858	ED 043 784	
Vocational Education and Poverty.		PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
EDUCATIONAL PROGRAMS		VT 011 965	840
VT 010 952	772	ED 043 785	
A Principle in Time.		ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	
VT 010 974	869	VT 011 966	801
Seminar for Instructors and Directors of Selected Health Related Programs, 1969.		ED 043 786	
VT 010 987	772	ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).		EDUCATIONAL RESEARCH	
VT 010 988	773	VT 010 587	860
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).		ED 042 886	
		CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.	
		VT 010 994	773
		ED 043 730	
		TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.	
		VT 011 015	878
		Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	
		VT 011 638	861
		A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 758	885	VT 011 697	824
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).		Hiring Standards and Job Performance.	
VT 011 780 ED 043 759	806	VT 011 858	856
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).	
VT 011 802	794	EFFECTIVE TEACHING	
A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education.		VT 011 722	873
VT 011 879 ED 043 773	862	Requirements for Office and Distributive Education Teacher-Coordinators.	
REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.		ELECTRICAL OCCUPATIONS	
VT 011 962 ED 043 782	862	VT 010 650 ED 042 887	769
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.		GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.	
VT 012 444 ED (SEE APR '71 RIE)	886	ELECTROMECHANICAL TECHNOLOGY	
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.		VT 010 650 ED 042 887	769
VT 012 484 ED (SEE APR '71 RIE)	886	GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.	
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.		ELECTRONICS	
EDUCATIONAL STATUS COMPARISON		VT 010 913	877
VT 011 701 ED 043 750	852	A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	
OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.		VT 011 015	878
EDUCATIONAL STRATEGIES		Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	
VT 011 410	779	VT 011 685 ED 043 743	871
New Strategies for Vocational-Technical Education in Urban America.		SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	
EDUCATIONAL TRENDS		ELECTRONICS TROUBLESHOOTING	
VT 010 473 ED 042 884	864	VT 011 015	878
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).		Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	
EDUCATIONALLY DISADVANTAGED		ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III	
VT 010 914	771	VT 011 326	865
Developing Our Wasted Human Resources.		Handbook of Aerospace-Related Occupations.	
VT 011 630 ED 042 055	850	ELEMENTARY GRADES	
GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.		VT 012 164	806
		Occupational Preparation, K-12 and Beyond.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
ELEMENTARY SECONDARY EDUCATION ACT TITLE III		VT 011 783	827
VT 010 323 ED 042 881	768	Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.	
A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).		EMPLOYMENT OPPORTUNITIES	
VT 011 296	805	VT 003 298 ED 043 726	808
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.		MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.	
EMPLOYEE ATTITUDES		VT 003 396 ED 042 872	808
VT 009 570	810	WOMANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).	
Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.		VT 009 606	864
EMPLOYER ATTITUDES		Career Opportunities Through Apprenticeship.	
VT 011 328 ED 043 735	849	VT 009 892	812
OPERATION JOB START. FINAL REPORT.		Occupational Profile; City of San Francisco.	
EMPLOYER EMPLOYEE RELATIONSHIP		VT 010 366	814
VT 011 325	777	Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.	
The Crisis in Construction; There Is an Answer.		VT 010 885	845
EMPLOYERS		The Negro Worker in the Chicago Labor Market.	
VT 011 026	816	VT 010 997	864
Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.		Careers in Home Economics.	
EMPLOYMENT		VT 011 326	865
VT 006 210	808	Handbook of Aerospace-Related Occupations.	
A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.		VT 011 328 ED 043 735	849
VT 010 179 ED 042 878	843	OPERATION JOB START. FINAL REPORT.	
PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).		VT 011 344	865
VT 011 754	825	A Job with the Forest Service.	
Factors Related to Occupational Status of Male Graduates of West Union, North High School.		VT 011 442	819
VT 011 809	828	New Hampshire Occupations in 1975.	
Kansas Migration and Employment 1960-1968.		VT 011 478	820
VT 011 832	830	Occupations in the Film Processing and Finishing Industry.	
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		VT 011 579	850
EMPLOYMENT COUNSELORS		Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.	
VT 011 784	827	VT 011 630 ED 042 055	850
A Look at the Job Market in Idaho.		GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	
EMPLOYMENT LEVEL		VT 011 734 ED 043 755	825
VT 008 243	765	DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.	
Federal Programs for the Development of Human Resources. Vol. I.		VT 011 739	853
		Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.	
		VT 011 783	827
		Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.	
		VT 011 827	855
		The General Education Development (GED) Program at Training and Technology.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
EMPLOYMENT TRENDS		ENVIRONMENTAL TECHNICIANS	
VT 011 368	819	VT 011 586	783
Arkansas' Manpower Needs.		Preparation of Technicians for	
VT 011 460	820	Environmental Control.	
Occupations and Trends in the Dairy			
Industry.		EQUAL OPPORTUNITIES (JOBS)	
VT 011 755	825	VT 010 367	814
Oklahoma Farm Labor Report.		Changing Patterns; A Report on the	
		Federal Women's Program Review	
ENGLAND		Seminar.	
VT 009 381	876	VT 011 579	850
The Discovery Method in Training.		Employment Patterns Affecting	
VT 011 653	785	Minority Persons in Hotels,	
Further Education for Technicians.		Motels, and Restaurants in Ohio.	
VT 011 654	785	VT 011 751	854
Education for the Printing		Black Builders; A Job Program that	
Industry.		Works.	
VT 011 655	786		
Partnership Incorporated; An		EQUIPMENT MAINTENANCE	
Account of a Joint Effort to Solve		VT 010 913	877
the Problems of Apprentice		A Description and Analytic	
Training.		Discussion of Ten New Concepts for	
VT 011 656	786	Electronics Maintenance.	
Further Education for Operatives.			
VT 011 789	827	EVALUATION	
Occupational Immobility of Small		VT 010 739	815
Farmers, A Study of the Reasons Why		Unemployment Insurance Claimants,	
Small Farmers Do Not Give Up		1963-1964.	
Farming. Occasional Papers No. 13.		VT 011 760 ED 042 923	882
		AN EXPERIMENTAL EVALUATION OF THE	
ENLISTED MEN		EFFECTIVENESS OF AN AUDIO-TUTORIAL	
VT 011 259	776	METHOD IN TEACHING VOCATIONAL	
Development and Evaluation of an		AGRICULTURE.	
Integrated Basic Combat/Advanced			
Individual Training Program for		EVALUATION METHODS	
Medical Corpsmen.		VT 010 982	834
		Skill Training for the	
ENROLLMENT		Disadvantaged: Problems of	
VT 011 390	778	Assessment.	
A Report of the Enrollment of			
Apprentices in Related Technical		EVALUATION TECHNIQUES	
Classes in California Public		VT 011 740	854
Schools.		Training and Technology;	
		Tour--Test--and Interview. (A Model	
ENROLLMENT PROJECTIONS		for Recruitment of Disadvantaged	
VT 011 828	796	Persons into a Manpower Training	
Status of Adult Vocational		Program).	
Education in Utah.			
		EXPENDITURES	
ENROLLMENT TRENDS		VT 009 947	813
VT 006 685	764	Job-Related Expenditures and	
The Development of Post-High School		Management Practices of Gainfully	
Technical-Vocational Education in		Employed Wives in North Carolina.	
Oklahoma.			
		EXPERIMENTAL PROGRAMS	
ENTRY WORKERS		VT 011 715	852
VT 011 690 ED 042 911	823	Project PRIDE (Prescribed	
COMPETENCIES DESIRED FOR EMPLOYMENT		Reinforcement Involving	
IN THE PLASTICS INDUSTRY.		Differentiated Education).	
VT 011 720	824		
Skills and Knowledge Needed by		EXTENDED SCHOOL YEAR	
Personnel in Architectural		VT 009 642 ED 042 876	766
Drafting.		APPLICATION OF THE EXTENDED SCHOOL	
		YEAR CONCEPT TO A BOARD OF	
ENVIRONMENTAL EDUCATION		COOPERATIVE EDUCATIONAL SERVICES	
VT 011 586	783	OCCUPATIONAL TRAINING PROGRAM.	
Preparation of Technicians for			
Environmental Control.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 858	856	VT 011 368	819
Training and Technology:		Arkansas' Manpower Needs.	
Identification of Potential		VT 011 442	819
Training Resources for Service		New Hampshire Occupations in 1975.	
Occupations (East Tennessee).		VT 011 647	822
EMPLOYMENT PATTERNS		Manpower Directions in New York	
VT 010 710	814	State 1965-1975, Technical	
The Changing Economic Structure and		Supplement.	
Manpower Needs in Louisiana,		VT 011 755	825
1965-1975.		Oklahoma Farm Labor Report.	
VT 011 579	850	VT 011 783	827
Employment Patterns Affecting		Occupational Opportunities in	
Minority Persons in Hotels,		Nebraska. 1970 Report. NCUVE	
Hotels, and Restaurants in Ohio.		Series: No. 11.	
VT 011 809	828	VT 011 814	828
Kansas Migration and Employment		Training and Technology; Existing	
1960-1968.		and Forecasted Employment in	
EMPLOYMENT PROBLEMS		Selected Service Occupations (East	
VT 006 210	808	Tennessee).	
A Study of the Employability		EMPLOYMENT QUALIFICATIONS	
Factors and Needs of Wisconsin		VT 011 104	816
Tribal Indians.		Lewiston, Clarkston Area Manpower	
EMPLOYMENT PROGRAMS		Survey.	
VT 010 375 ED 042 882	844	VT 011 326	865
REPORT ON EXPERIMENTAL AND		Handbook of Aerospace-Related	
DEMONSTRATION MANPOWER PROJECT FOR		Occupations.	
THE TIDE PROGRAM, AS AN EXTENSION		VT 011 460	820
OF THE SUMMER YOUTH DEMONSTRATION		Occupations and Trends in the Dairy	
PROGRAM IN YOUTH OPPORTUNITY		Industry.	
CENTERS.		VT 011 576	821
VT 011 293	848	Apprenticeship in Arizona.	
Special Job Creation for the		VT 011 697	824
Hard-to-Employ in Western Europe.		Hiring Standards and Job	
VT 011 855	797	Performance.	
Proceedings of Conference on		VT 011 855	797
Methods of Job Development for the		Proceedings of Conference on	
Hard-Core Unemployed (Georgia		Methods of Job Development for the	
Institute of Technology, Atlanta,		Hard-Core Unemployed (Georgia	
October 1-2, 1968).		Institute of Technology, Atlanta,	
VT 011 875 ED 043 772	857	October 1-2, 1968).	
THE JOBS PROGRAM (JOB OPPORTUNITIES		EMPLOYMENT SERVICES	
IN THE BUSINESS SECTOR) BACKGROUND		VT 006 312	809
INFORMATION.		Summary of Employment Security	
EMPLOYMENT PROJECTIONS		Statistical Reports.	
VT 009 601	811	VT 011 229 ED 040 292	776
Manpower Horizons '75.		SELECTED HEALTH SERVICE	
VT 010 710	814	OCCUPATIONS.	
The Changing Economic Structure and		VT 011 784	827
Manpower Needs in Louisiana,		A Look at the Job Market in Idaho.	
1965-1975.		EMPLOYMENT STATISTICS	
VT 011 199	817	VT 011 310	818
Employment Multipliers and		A Summary: Qualified Manpower in	
Employment Projections, the St.		Ontario 1961-1986. Volume I:	
Louis Region.		Determination and Projection of	
VT 011 310	818	Basic Stocks.	
A Summary: Qualified Manpower in		VT 011 368	819
Ontario 1961-1986. Volume I:		Arkansas' Manpower Needs.	
Determination and Projection of		VT 011 672	822
Basic Stocks.		City Employment in 1969.	
VT 011 311	818	VT 011 876	798
Qualified Manpower in Ontario,		An Analysis of Worker Supply and	
1961-1986. Volume 1: Determination		Demand Data for Program Planning in	
and Projection of Basic Stocks.		Occupational Education.	
VT 011 345	810		
Technical Manpower, 1966-80.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>EMPLOYMENT TRENDS</b>		<b>ENVIRONMENTAL TECHNICIANS</b>	
VT 011 368	819	VT 011 586	783
Arkansas' Manpower Needs.		Preparation of Technicians for	
VT 011 460	820	Environmental Control.	
Occupations and Trends in the Dairy		<b>EQUAL OPPORTUNITIES (JOBS)</b>	
Industry.		VT 010 367	814
VT 011 755	825	Changing Patterns; A Report on the	
Oklahoma Farm Labor Report.		Federal Women's Program Review	
<b>ENGLAND</b>		Seminar.	
VT 009 381	876	VT 011 579	850
The Discovery Method in Training.		Employment Patterns Affecting	
VT 011 653	785	Minority Persons in Hotels,	
Further Education for Technicians.		Motels, and Restaurants in Ohio.	
VT 011 654	785	VT 011 751	854
Education for the Printing		Black Builders; A Job Program that	
Industry.		Works.	
VT 011 655	786	<b>EQUIPMENT MAINTENANCE</b>	
Partnership Incorporated; An		VT 010 913	877
Account of a Joint Effort to Solve		A Description and Analytic	
the Problems of Apprentice		Discussion of Ten New Concepts for	
Training.		Electronics Maintenance.	
VT 011 656	786	<b>EVALUATION</b>	
Further Education for Operatives.		VT 010 739	815
VT 011 789	827	Unemployment Insurance Claimants,	
Occupational Immobility of Small		1963-1964.	
Farmers, A Study of the Reasons Why		VT 011 760 ED 042 923	882
Small Farmers Do Not Give Up		AN EXPERIMENTAL EVALUATION OF THE	
Farming. Occasional Papers No. 13.		EFFECTIVENESS OF AN AUDIO-TUTORIAL	
<b>ENLISTED MEN</b>		METHOD IN TEACHING VOCATIONAL	
VT 011 259	776	AGRICULTURE.	
Development and Evaluation of an		<b>EVALUATION METHODS</b>	
Integrated Basic Combat/Advanced		VT 010 982	834
Individual Training Program for		Skill Training for the	
Medical Corpsmen.		Disadvantaged: Problems of	
<b>ENROLLMENT</b>		Assessment.	
VT 011 390	778	<b>EVALUATION TECHNIQUES</b>	
A Report of the Enrollment of		VT 011 740	854
Apprentices in Related Technical		Training and Technology;	
Classes in California Public		Tour--Test--and Interview. (A Model	
Schools.		for Recruitment of Disadvantaged	
<b>ENROLLMENT PROJECTIONS</b>		Persons into a Manpower Training	
VT 011 828	796	Program).	
Status of Adult Vocational		<b>EXPENDITURES</b>	
Education in Utah.		VT 009 947	813
<b>ENROLLMENT TRENDS</b>		Job-Related Expenditures and	
VT 006 685	764	Management Practices of Gainfully	
The Development of Post-High School		Employed Wives in North Carolina.	
Technical-Vocational Education in		<b>EXPERIMENTAL PROGRAMS</b>	
Oklahoma.		VT 011 715	852
<b>ENTRY WORKERS</b>		Project PRIDE (Prescribed	
VT 011 690 ED 042 911	823	Reinforcement Involving	
COMPETENCIES DESIRED FOR EMPLOYMENT		Differentiated Education).	
IN THE PLASTICS INDUSTRY.		<b>EXTENDED SCHOOL YEAR</b>	
VT 011 720	824	VT 009 642 ED 042 876	766
Skills and Knowledge Needed by		APPLICATION OF THE EXTENDED SCHOOL	
Personnel in Architectural		YEAR CONCEPT TO A BOARD OF	
Drafting.		COOPERATIVE EDUCATIONAL SERVICES	
<b>ENVIRONMENTAL EDUCATION</b>		OCCUPATIONAL TRAINING PROGRAM.	
VT 011 586	783		
Preparation of Technicians for			
Environmental Control.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>EXTENSION EDUCATION</b>		<b>FEDERAL LEGISLATION</b>	
VT 011 860	798	VT 007 637 ED 043 729	764
Guidelines for an Extension Educational Program in Transportation.		ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2--APPENDIX.	
<b>FACULTY ADVISORS</b>		VT 010 741 ED 042 889	845
VT 011 770	836	ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.	
Assessment of Educational Programs.		VT 011 136 ED 043 732	775
<b>FACULTY RECRUITMENT</b>		IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).	
VT 010 135	767	VT 011 706 ED 043 752	790
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.		ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.	
<b>FAILURE FACTORS</b>		VT 011 805	795
VT 010 264 ED 042 879	843	Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.	
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		<b>FEDERAL PROGRAMS</b>	
<b>FARM LABOR</b>		VT 008 243	765
VT 011 755	825	Federal Programs for the Development of Human Resources. Vol. I.	
Oklahoma Farm Labor Report.		VT 009 760	767
<b>FARM LABOR SUPPLY</b>		Assessing the Economic Scene.	
VT 011 755	825	VT 010 071	842
Oklahoma Farm Labor Report.		Job Training for the Disadvantaged.	
<b>FARMERS</b>		VT 010 367	814
VT 011 789	827	Changing Patterns; A Report on the Federal Women's Program Review Seminar.	
Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.		VT 010 375 ED 042 882	844
<b>FEASIBILITY STUDIES</b>		REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.	
VT 008 531	765	VT 010 472	844
Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.		Neighborhood Youth Corps--New Careers.	
<b>FEDERAL AID</b>		VT 010 982	834
VT 010 994 ED 043 730	773	Skill Training for the Disadvantaged: Problems of Assessment.	
TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.		VT 011 017	774
<b>FEDERAL LAWS</b>		Survey of Federal Aviation Agency Approved Mechanic School Programs.	
VT 007 637 ED 043 729	764	VT 011 156 ED 043 733	848
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2--APPENDIX.		NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.	
VT 011 706 ED 043 752	790	VT 011 474 ED 042 904	849
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.		CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.	
VT 011 832	830	VT 011 475 ED 042 905	850
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	
VT 012 323	802		
Vocational Education: The Bridge Between Man and His Work. Publication 1.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 580	783	FOLLOWUP STUDIES	
Training and Technology Project; A		VT 006 469	832
Study of Trainee Attitudes in a		An Evaluation in Stanislaus County	
Manpower Training Program.		Secondary Schools, 1967-1968.	
VT 011 681	787	Regional Center for Career	
Consolidated Program Information		Information.	
Report (CPIR): Florida School		VT 008 531	765
Districts, 1968-69.		Vocational Education: A Feasibility	
VT 011 804	794	Study for the Suburbs of Tomorrow.	
Good Training, Good Jobs: MDTA.		Vol. I.	
Facts for Manpower Administrators.		VT 010 751	845
VT 011 875 ED 043 772	857	The Vocational Adjustment of	
THE JOBS PROGRAM (JOB OPPORTUNITIES		Special Class Students.	
IN THE BUSINESS SECTOR) BACKGROUND		VT 011 684 ED 043 742	835
INFORMATION.		A FOLLOW-UP STUDY OF RECIPIENTS OF	
FEDERAL STATE RELATIONSHIP		THE DOCTOR OF EDUCATION DEGREE IN	
VT 012 323	802	INDUSTRIAL ARTS EDUCATION FROM	
Vocational Education: The Bridge		COLORADO STATE COLLEGE.	
Between Man and His Work.		VT 011 688 ED 043 746	836
Publication 1.		A SURVEY OF INDUSTRIAL ARTS TEACHER	
FEDERAL WOMENS PROGRAM		EDUCATION AND TECHNICAL/TECHNOLOGY	
VT 010 367	814	GRADUATES OF MURRAY STATE	
Changing Patterns; A Report on the		UNIVERSITY WITH IMPLICATIONS FOR	
Federal Women's Program Review		CURRICULUM REVISION.	
Seminar.		FOOD SERVICE OCCUPATIONS	
FEEDBACK		VT 011 638	861
VT 011 433 ED 042 901	870	A Behavioral Performance-Reference	
REMOTE FEEDBACK TECHNIQUES FOR		Groups Model for Evaluating	
INSERVICE EDUCATION. ASSESSMENT OF		Vocational Education Pilot	
MICRO-TEACHING AND VIDEO RECORDING		Programs.	
IN VOCATIONAL AND TECHNICAL TEACHER		FOOD SERVICE WORKERS	
EDUCATION: PHASE X--INTERIM REPORT.		VT 011 674	823
RESEARCH AND DEVELOPMENT SERIES NO.		The Status and Role of Lunchroom	
40.		Aides in Selected New York State	
FEMALES		School Districts, Phase Two of a	
VT 009 596	833	Continuing Study: School	
Measurement of Attitudinal Changes		Paraprofessionals.	
by Means of an Adjective Check		VT 011 719	824
List.		Identifying Major Tasks Performed	
VT 010 367	814	by Food Service Workers in	
Changing Patterns; A Report on the		Commercial and Institutional Food	
Federal Women's Program Review		Service Establishments.	
Seminar.		FOODS INSTRUCTION	
FILMS		VT 011 817 ED 043 763	855
VT 011 478	820	HOME ECONOMISTS WORKING WITH	
Occupations in the Film Processing		LOW-INCOME FAMILIES AND	
and Finishing Industry.		IMPLICATIONS FOR COLLEGE FOOD AND	
FLEXIBLE MODULAR SCHEDULING		NUTRITION CURRICULUM.	
VT 011 473 ED 043 738	781	FOREIGN COUNTRIES	
THE IMPLEMENTATION OF FLEXIBLE		VT 010 987	772
MODULAR SCHEDULING FOR INDUSTRIAL		Seminar on Approaches to	
EDUCATION.		Cooperation Between Industries and	
FLEXIBLE SCHEDULING		Institutions in Technical Training	
VT 011 473 ED 043 738	781	(Teheran, Iran, June 1968).	
THE IMPLEMENTATION OF FLEXIBLE		VT 010 988	773
MODULAR SCHEDULING FOR INDUSTRIAL		Seminar on Approaches to	
EDUCATION.		Cooperation Between Industries and	
FLIGHT TRAINING		Institutions in Technical Training	
VT 010 915	877	(Singapore, November 1967).	
The Captive Helicopter as a		VT 010 990	773
Training Device.		Seminar on Approaches to	
		Cooperation Between Industries and	
		Institutions in Technical Training	
		(Bangkok, Thailand, October, 1965).	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 653	785	GRADUATE STUDY	
Further Education for Technicians.		VT 011 683 ED 043 741	787
VT 011 654	785	ESTABLISHMENT OF CRITERIA FOR THE	
Education for the Printing		EVALUATION AND DEVELOPMENT OF	
Industry.		INDUSTRIAL EDUCATION DOCTORAL	
VT 011 655	786	DEGREE PROGRAMS.	
Partnership Incorporated; An			
Account of a Joint Effort to Solve		GRADUATE SURVEYS	
the Problems of Apprentice		VT 006 861	832
Training.		The Utilization of Associate Degree	
VT 011 656	786	Nursing Graduates in General	
Further Education for Operatives.		Hospitals.	
VT 011 851 ED 043 769	830	VT 011 749 ED 043 757	836
EDUCATION, TRAINING AND		DIFFERENTIATING AMONG GRADUATES OF	
PRODUCTIVITY: A STUDY OF SKILLED		VOCATIONAL-TECHNICAL CURRICULUMS.	
WORKERS IN TWO FACTORIES IN SOUTH		VT 011 905	838
INDIA.		A Comparison of Two Follow-Up	
VT 011 965 ED 043 785	840	Methods Used to Survey Occupational	
ISSUES IN OCCUPATIONAL EDUCATION		Training Graduates.	
AND TRAINING: A CASE STUDY IN		VT 011 927 ED 043 776	839
JORDAN.		A REPORT ON OHIO'S PILOT	
VT 011 966 ED 043 786	801	RESIDENTIAL NDTA PROGRAM.	
ISSUES IN OCCUPATIONAL EDUCATION		1964-1966.	
AND TRAINING: A CASE STUDY IN			
TUNISIA.		GRAPHIC ARTS	
FORESTRY		VT 011 083	816
VT 011 344	865	Opportunities in Graphic Arts	
A Job with the Forest Service.		Careers.	
FORESTRY OCCUPATIONS		GUIDELINES	
VT 009 633	811	VT 009 604	765
Technological Changes in Sawmill		Guidelines for Cooperative	
Occupations.		Education Coordinator.	
VT 011 344	865	VT 009 758	766
A Job with the Forest Service.		Approval Criteria for Area	
FOUNDATION PROGRAMS		Secondary Vocational Centers in	
VT 010 914	771	Illinois.	
Developing Our Wasted Human		VT 011 408	778
Resources.		Some Guidelines for Successful	
FUTURE PARTNERS OF AMERICA		Police-Community Relations Training	
VT 011 806	795	Programs.	
National Workshop of Professional		VT 011 697	824
Leaders in PFA, Proceedings, 1969.		Hiring Standards and Job	
GOVERNMENT EMPLOYEES		Performance.	
VT 011 672	822	VT 011 766 ED 042 926	791
City Employment in 1969.		GUIDELINES FOR THE DEVELOPMENT OF	
GOVERNMENT GRADES FOR FOODS		PREVOCATIONAL EDUCATION PROGRAMS AT	
VT 011 610	784	THE JUNIOR HIGH SCHOOL LEVEL.	
Consumer's Knowledge and Use of		VT 011 828	796
Government Grades for Selected Food		Status of Adult Vocational	
Items.		Education in Utah.	
GRADES (SCHOLASTIC)		VT 011 831 ED 043 765	796
VT 011 632 ED 042 909	879	ACCREDITATION OF ALLIED MEDICAL	
RELATIONSHIP OF SELECTED HIGH		EDUCATION PROGRAMS.	
SCHOOL COURSES COMPLETED TO		HANDICAPPED	
ACHIEVEMENT IN INDUSTRIAL ARTS		VT 010 179 ED 042 878	843
TEACHER EDUCATION.		PROCEEDINGS OF THE PANEL ON	
GRADUATE STUDENTS		INTERNATIONAL REHABILITATION	
VT 011 333 ED 042 896	861	(WASHINGTON, D.C., MAY 2, 1968).	
REPORT OF NEW HANPOWER RESEARCHERS		VT 011 090	847
CONFERENCE (SEPTEMBER 18-19, 1969).		Rehabilitation Advance; Planning to	
		Serve the Handicapped and	
		Disadvantaged. Summary.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 136      ED 043 732	775	VT 011 077	775
IMPLEMENTING THE VOCATIONAL		Health Manpower Annual Conference,	
EDUCATION AMENDMENTS OF 1968 FOR		1969.	
THE DISADVANTAGED OR HANDICAPPED.		VT 011 544	821
SUGGESTED UTILIZATION OF RESOURCES		Stepping Stones in Nursing	
AND GUIDE FOR EXPENDITURES (SURGE).		Education.	
VT 011 266	848	VT 011 599	821
Helping the Handicapped in Rural		The Role of the AMA in the	
Areas.		Utilization of Military Trained	
HAWAII		Allied Health Personnel.	
VT 009 276	810	VT 011 728      ED 042 919	884
Nursing in Hawaii, 1968.		INTERPRETATION OF LITERATURE ON	
HEALTH EDUCATION		CAREER LADDERS AND LATTICES IN	
VT 011 728      ED 042 919	884	HEALTH OCCUPATIONS EDUCATION.	
INTERPRETATION OF LITERATURE ON		INFORMATION SERIES NO. 23.	
CAREER LADDERS AND LATTICES IN		VT 011 730	805
HEALTH OCCUPATIONS EDUCATION.		Guide Book for an Accredited	
INFORMATION SERIES NO. 23.		Curriculum in Occupational Therapy.	
HEALTH GUIDES		Third Edition.	
VT 011 805	795	VT 011 792      ED 043 760	793
Safety and Health Regulations for		DIRECTORY OF ACCREDITED ALLIED	
Ship Repairing, Shipbuilding and		MEDICAL EDUCATIONAL PROGRAMS	
Shipbreaking.		1969-1970 AND 1970 SPRING	
HEALTH OCCUPATIONS		SUPPLEMENT.	
VT 009 276	810	VT 011 831      ED 043 765	796
Nursing in Hawaii, 1968.		ACCREDITATION OF ALLIED MEDICAL	
VT 011 229      ED 040 292	776	EDUCATION PROGRAMS.	
SELECTED HEALTH SERVICE		VT 011 836      ED 043 766	796
OCCUPATIONS.		GUIDE FOR PROGRAM PLANNING: MEDICAL	
VT 011 435	779	LABORATORY TECHNICIAN.	
New Patterns of Health Care: The		VT 011 937	857
Physician's Assistant.		Some Results of a Training Program	
VT 011 443	819	for Non-Professional Medical	
Development of Career Opportunities		Personnel.	
for Technicians in the Nuclear		HEALTH PERSONNEL	
Medicine Field, Phase I. Summary		VT 010 115	813
Report.		Nevada Health Manpower Program,	
VT 011 444      ED 042 902	820	Part I.	
DEVELOPMENT OF CAREER OPPORTUNITIES		HELICOPTER TRAINING	
FOR TECHNICIANS IN THE NUCLEAR		VT 010 915	877
MEDICINE FIELD, PHASE I. INTERIM		The Captive Helicopter as a	
REPORT NUMBER 1: SURVEY OF JOB		Training Device.	
CHARACTERISTICS, MANPOWER NEEDS AND		HIGH SCHOOL CURRICULUM	
TRAINING RESOURCES, JULY 1969.		VT 010 650      ED 042 887	769
VT 011 599	821	GUIDELINES FOR ESTABLISHING AND	
The Role of the AMA in the		EVALUATING HIGH SCHOOL TECHNICAL	
Utilization of Military Trained		ELECTROMECHANICS PROGRAMS.	
Allied Health Personnel.		HIGH SCHOOL GRADUATES	
VT 011 700      ED 043 749	851	VT 011 754	825
MAJOR PSYCHO-SOCIAL PROBLEMS AND		Factors Related to Occupational	
THE PSYCHIATRIC TECHNICIAN.		Status of Male Graduates of West	
HEALTH OCCUPATIONS EDUCATION		Union, North High School.	
VT 006 861	832	HIGH SCHOOL STUDENTS	
The Utilization of Associate Degree		VT 007 242      ED 043 727	804
Nursing Graduates in General		TERMINAL PERFORMANCE OBJECTIVES FOR	
Hospitals.		A PHASED TYPING PROGRAM IN BUSINESS	
VT 009 276	810	EDUCATION.	
Nursing in Hawaii, 1968.		VT 010 944	846
VT 010 974	869	A Coordinated Program of Vocational	
Seminar for Instructors and		Rehabilitation and Special	
Directors of Selected Health		Educational Services for the	
Related Programs, 1969.		Retarded.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 401      ED 042 898	866	HUMAN RELATIONS	
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENT. R RESEARCH AND DEVELOPMENT REPORT 9.		VT 011 705      ED 043 751	789
VT 011 702      ED 042 913	880	THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.	
THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.		HUMAN RESOURCES	
HIGH SCHOOLS		VT 011 825	795
VT 011 018	774	Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	
High School Aviation Aerospace Education Status Report.		IDAHO	
HIGHER EDUCATION		VT 009 688      ED 034 053	860
VT 011 778	792	IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.	
Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).		ILLITERATE ADULTS	
HOME ECONOMICS EDUCATION		VT 010 983	772
VT 007 344      ED 043 728	860	Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.	
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		INDEXES (LOCATERS)	
VT 010 997	864	VT 012 484      ED (SEE APR '71 RIE)	886
Careers in Home Economics.		Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	
VT 011 600      ED 042 053	805	INDIA	
HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.		VT 011 849      ED 043 768	797
VT 011 801	873	EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.	
A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.		VT 011 851      ED 043 769	830
VT 011 817      ED 043 763	855	EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.	
HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.		INDIVIDUAL CHARACTERISTICS	
VT 011 854	856	VT 011 673	822
Home Economics and the Disadvantaged.		The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.	
HOME ECONOMICS TEACHERS		VT 011 674	823
VT 011 810	854	The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.	
The Teacher of Home Economics; Reaching Out to Those We Teach.		VT 011 739	853
HOME MANAGEMENT		Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.	
VT 009 947	813	INDIVIDUALIZED CURRICULUM	
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.		VT 007 242      ED 043 727	804
HOMEMAKING EDUCATION		TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.	
VT 011 879      ED 043 773	862		
REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
INDIVIDUALIZED INSTRUCTION		INDUSTRIAL EDUCATION	
VT 007 242 ED 043 727	804	VT 009 389	868
TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
INDUSTRIAL ARTS		VT 011 473 ED 043 738	781
VT 011 193 ED 043 734	776	THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	
INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.		VT 011 683 ED 043 741	787
VT 011 631 ED 043 739	878	ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.		VT 011 685 ED 043 743	871
VT 011 632 ED 042 909	879	SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	
RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.		VT 011 690 ED 042 911	823
VT 011 637 ED 042 058	880	COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.		INDUSTRIAL PERSONNEL	
VT 011 684 ED 043 742	835	VT 011 680	823
A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.		Injury Rates in the Construction Industry New York State, 1968.	
VT 011 687 ED 043 745	788	INDUSTRIAL RELATIONS	
AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.		VT 011 325	777
VT 011 688 ED 043 746	836	The Crisis in Construction; There Is an Answer.	
A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.		INDUSTRIAL STRUCTURE	
VT 011 691 ED 043 748	880	VT 009 601	811
THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.		Manpower Horizons '75.	
VT 011 759 ED 043 758	882	INDUSTRIAL TECHNOLOGY	
A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.		VT 011 688 ED 043 746	836
VT 011 863 ED 043 771	885	A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.	
INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.		INDUSTRY	
INDUSTRIAL ARTS TEACHERS		VT 010 701	771
VT 011 689 ED 043 747	872	Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.	
AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.		VT 011 689 ED 043 747	872
		AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.	
		INFORMATION DISSEMINATION	
		VT 011 943 ED 043 780	800
		A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	



SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
INDIVIDUALIZED INSTRUCTION		INDUSTRIAL EDUCATION	
VT 007 242 ED 043 727	804	VT 009 389	868
TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
INDUSTRIAL ARTS		VT 011 473 ED 043 738	781
VT 011 193 ED 043 734	776	THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	
INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.		VT 011 683 ED 043 741	787
VT 011 631 ED 043 739	878	ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.		VT 011 685 ED 043 743	871
VT 011 632 ED 042 909	879	SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	
RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.		VT 011 690 ED 042 911	823
VT 011 637 ED 042 058	880	COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.		INDUSTRIAL PERSONNEL	
VT 011 684 ED 043 742	835	VT 011 680	823
A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.		Injury Rates in the Construction Industry New York State, 1968.	
VT 011 687 ED 043 745	788	INDUSTRIAL RELATIONS	
AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.		VT 011 325	777
VT 011 688 ED 043 746	836	The Crisis in Construction; There Is an Answer.	
A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.		INDUSTRIAL STRUCTURE	
VT 011 691 ED 043 748	880	VT 009 601	811
THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.		Manpower Horizons '75.	
VT 011 759 ED 043 758	882	INDUSTRIAL TECHNOLOGY	
A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.		VT 011 688 ED 043 746	836
VT 011 863 ED 043 771	885	A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.	
INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.		INDUSTRY	
INDUSTRIAL ARTS TEACHERS		VT 010 701	771
VT 011 689 ED 043 747	872	Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.	
AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.		VT 011 689 ED 043 747	872
		AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.	
		INFORMATION DISSEMINATION	
		VT 011 943 ED 043 780	800
		A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>INFORMATION NEEDS</b>		<b>INSTRUCTION</b>	
VT 011 681	787	VT 011 736      ED 042 921	881
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.		EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.	
<b>INFORMATION SERVICES</b>		<b>INSTRUCTIONAL AIDS</b>	
VT 010 587      ED 042 886	860	VT 011 854	856
CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.		Home Economics and the Disadvantaged.	
<b>INFORMATION SOURCES</b>		<b>INSTRUCTIONAL MATERIALS</b>	
VT 010 979      ED 042 891	846	VT 011 273	804
HANPOWER INFORMATION FOR URBAN POVERTY AREAS.		Program Services Special Needs Workshop, 1968.	
<b>INFORMATION SYSTEMS</b>		<b>INSTRUCTIONAL MEDIA</b>	
VT 010 979      ED 042 891	846	VT 011 600      ED 042 053	805
HANPOWER INFORMATION FOR URBAN POVERTY AREAS.		HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	
VT 011 560      ED 042 046	783		
AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.		<b>INSTRUCTOR COORDINATORS</b>	
<b>INJURIES</b>		VT 011 675	871
VT 011 680	823	The Development of Performance Objectives for Teacher-Coordination of Cooperative Occupational Training Programs.	
Injury Rates in the Construction Industry New York State, 1968.		VT 011 707      ED 042 915	872
<b>INNOVATIONS</b>		DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	
VT 011 193      ED 043 734	776	VT 011 722	873
INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.		Requirements for Office and Distributive Education Teacher-Coordination.	
<b>INSERVICE EDUCATION</b>		<b>INTEGRATED CURRICULUM</b>	
VT 011 433      ED 042 901	870	VT 010 323      ED 042 881	768
REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.		A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).	
VT 011 588	784	<b>INTERACTION</b>	
Job Instruction Training. A Job Analysis and Evaluation Workshop Conference.		VT 011 691      ED 043 748	880
<b>INSERVICE TEACHER EDUCATION</b>		THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.	
VT 010 525      ED 042 885	876	<b>INTERACTION PROCESS ANALYSIS</b>	
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.		VT 011 691      ED 043 748	880
VT 010 700	868	THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.	
Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).		<b>INTERAGENCY COORDINATION</b>	
<b>INSTITUTES (TRAINING PROGRAMS)</b>		VT 011 474      ED 042 904	849
VT 011 700      ED 043 749	851	CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.	
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 855	797	VT 011 443	819
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	
INTERNATIONAL ORGANIZATIONS		VT 011 444 ED 042 902	820
VT 010 179 ED 042 878	843	DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	
PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).		JOB MARKET	
VT 010 996	815	VT 001 106 ED 043 725	764
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.	
VT 011 543	782	VT 003 396 ED 042 872	808
Building Trades, Skopje, Yugoslavia Training Centre.		WOMANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).	
INTERNATIONAL PROGRAMS		VT 011 784	827
VT 011 451 ED 043 737	780	A Look at the Job Market in Idaho.	
BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.		JOB OPPORTUNITIES IN THE BUSINESS SECTOR	
VT 011 543	782	VT 011 875 ED 043 772	857
Building Trades, Skopje, Yugoslavia Training Centre.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
INTERPERSONAL COMPETENCE		JOB PLACEMENT	
VT 011 937	857	VT 010 699	770
Some Results of a Training Program for Non-Professional Medical Personnel.		Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
IRAN		JOB SATISFACTION	
VT 010 987	772	VT 009 540	810
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).		Prediction of Individual Job Turnover From Measured Job Satisfaction.	
JOB ANALYSIS		VT 011 674	823
VT 011 826 ED 043 764	829	The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.	
DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOLOGICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.		JOB SKILLS	
JOB DEVELOPMENT		VT 007 815 ED 042 873	809
VT 001 106 ED 043 725	764	TRANSFERRING MILITARY EXPERIENCE TO CIVILIAN JOBS. A STUDY OF SELECTED AIR FORCE VETERANS. MANPOWER/AUTOMATION RESEARCH MONOGRAPH NO. 8.	
THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.		VT 010 952	772
VT 011 104	816	A Principle in Time.	
Lewiston-Clarkston Area Manpower Survey.		VT 011 690 ED 042 911	823
VT 011 156 ED 043 733	848	COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	
NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.		VT 011 707 ED 042 915	872
VT 011 293	848	DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	
Special Job Creation for the Hard-to-Employ in Western Europe.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 719 Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	824	JUNIOR HIGH SCHOOL STUDENTS	
VT 011 720 Skills and Knowledge Needed by Personnel in Architectural Drafting.	824	VT 011 637 ED 042 058 COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.	880
JOB TENURE		VT 011 759 ED 043 758 A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.	882
VT 009 540 Prediction of Individual Job Turnover From Measured Job Satisfaction.	810	LABOR ECONOMICS	
JOB TRAINING		VT 011 199	817
VT 011 543 Building Trades, Skopje, Yugoslavia Training Centre.	782	Employment Multipliers and Employment Projections, the St. Louis Region.	
VT 011 825 Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	795	VT 011 333 ED 042 896 REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).	861
VT 011 827 The General Education Development (GED) Program at Training and Technology.	855	VT 011 652 A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.	861
VT 011 849 ED 043 768 EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.	797	VT 011 755 Oklahoma Farm Labor Report.	825
VT 011 851 ED 043 769 EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.	830	LABOR EDUCATION	
VT 011 866 Two Years of Outreach, 1968-1970.	856	VT 010 146 Training and Technology: Organized Labor's Participation in a Training Experiment.	843
VT 011 892 Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.	798	LABOR FORCE	
VT 011 937 Some Results of a Training Program for Non-Professional Medical Personnel.	857	VT 003 396 ED 042 872 WOMANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).	808
JORDAN		VT 009 598 Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods.	811
VT 011 965 ED 043 785 ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	840	VT 009 601 Manpower Horizons '75.	811
JUNIOR COLLEGES		VT 010 710 The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.	814
VT 009 389 Articulation of Courses and Curricula for Industrial Teacher Preparation.	868	VT 011 104 Lewiston-Clarkston Area Manpower Survey.	816
VT 011 785 Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.	792	VT 011 647 Manpower Directions in New York State 1965-1975, Technical Supplement.	822
		VT 011 823 Labor in the Textile and Apparel Industries.	829



SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>LABOR MARKET</b>		<b>LABORERS</b>	
VT 003 298 ED 043 726	808	VT 011 615	784
MEASURING JOB VACANCIES, A		Symposium on the Role of Worker	
FEASIBILITY STUDY IN THE ROCHESTER,		Relocation in an Active Manpower	
N.Y. AREA. STUDIES IN BUSINESS		Policy, 1969.	
ECONOMICS NO. 97.		VT 011 656	786
VT 006 270	809	Further Education for Operatives.	
Meeting Manpower Shortages, A			
Review of Reported Experience.		<b>LEADERSHIP</b>	
VT 011 004 ED 042 892	847	VT 010 935	771
RESOLVING THE MANPOWER PARADOX:		Directions '70, Summary of A	
WORKERS WITHOUT JOBS: JOBS WITHOUT		Vocational Education Leadership	
WORKERS. STATE OF NEW		Conference, 1969.	
YORK--LEGISLATIVE DOCUMENT			
(1969)--NUMBER 84.		<b>LEADERSHIP QUALITIES</b>	
VT 011 469 ED 042 903	780	VT 011 588	784
LABOR MARKETS, INCENTIVES AND		Job Instruction Training. A Job	
OCCUPATIONAL EDUCATION. CENTER		Analysis and Evaluation Workshop	
RESEARCH MONOGRAPH NO. 3.		Conference.	
VT 011 734 ED 043 755	825		
DUAL CAREERS: A LONGITUDINAL STUDY		<b>LEADERSHIP RESPONSIBILITY</b>	
OF LABOR MARKET EXPERIENCE OF		VT 011 787	793
WOMEN. VOLUME ONE.		Relevancy in Agricultural	
VT 011 783	827	Education.	
Occupational Opportunities in			
Nebraska. 1970 Report. NCJVE		<b>LEADERSHIP TRAINING</b>	
Series: No. 11.		VT 011 705 ED 043 751	789
VT 011 876	798	THE DEVELOPMENT OF HUMAN	
An Analysis of Worker Supply and		POTENTIALITIES IN LEADERSHIP ROLES	
Demand Data for Program Planning in		FOR VOCATIONAL ADMINISTRATORS AND	
Occupational Education.		TEACHERS.	
		VT 011 806	795
<b>LABOR PROBLEMS</b>		National Workshop of Professional	
VT 011 325	777	Leaders in PPA, Proceedings, 1969.	
The Crisis in Construction; There			
Is an Answer.		<b>LEARNING</b>	
		VT 010 554	876
<b>LABOR STANDARDS</b>		A Study of The Value of Student	
VT 010 652	769	Exposure to Health Agencies During	
National Apprenticeship and		the Pre-Clinical Portion of the	
Training Standards for Cement		Practical Nursing Program.	
Masonry, Asphalt, and Composition		VT 011 759 ED 043 758	882
Trade.		A QUASI-EXPERIMENTAL STUDY OF TWO	
		SELECTED UNITS OF THE INDUSTRIAL	
<b>LABOR SUPPLY</b>		ARTS CURRICULUM PROJECT MATERIALS	
VT 011 311	818	TO DETERMINE THE MEASURABLE	
Qualified Manpower in Ontario,		ADDITIVE EFFECTS OF A UNIT ON	
1961-1986. Volume 1: Determination		DESIGN IN MANUFACTURING TECHNOLOGY	
and Projection of Basic Stocks.		UPON A SIMILAR UNIT ON DESIGN IN	
		CONSTRUCTION TECHNOLOGY.	
<b>LABOR TURNOVER</b>			
VT 009 540	810	<b>LEARNING EXPERIENCE</b>	
Prediction of Individual Job		VT 010 525 ED 042 885	876
Turnover From Measured Job		THE EFFECT OF IN-SERVICE EDUCATION	
Satisfaction.		AND RESOURCE UNIT COMPONENTS ON	
VT 009 929	842	TEACHER AND STUDENT LEARNING.	
Bridging the Employment Gap:		RESEARCH SERIES IN OCCUPATIONAL	
Strategies for Success, and Causes,		EDUCATION NO. 12.	
Consequences, and Cures for Labor			
Turnover Problems.		<b>LIBRARY MATERIAL SELECTION</b>	
		VT 011 863 ED 043 771	885
<b>LABOR UNIONS</b>		INDUSTRIAL ARTS TECHNOLOGY	
VT 010 701	771	BIBLIOGRAPHY; AN ANNOTATED	
Training and Technology;		REFERENCE FOR LIBRARIANS.	
Proceedings of Vocational Education			
and Industry Conference, 1967.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 827	855	VT 011 368	819
The General Education Development (GED) Program at Training and Technology.		Arkansas' Manpower Needs.	
VT 011 855	797	VT 011 442	819
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		New Hampshire Occupations in 1975.	
MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS		VT 011 443	819
VT 010 982	834	Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	
Skill Training for the Disadvantaged: Problems of Assessment.		VT 011 444 ED 042 902	820
VT 011 804	794	DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	
Good Training, Good Jobs: MDTA. Facts for Manpower Administrators.		VT 011 599	821
MANPOWER NEEDS		The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.	
VT 001 106 ED 043 725	764	VT 011 725 ED 043 753	884
THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.		AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	
VT 006 210	808	VT 011 814	828
A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.		Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	
VT 006 270	809	VT 011 826 ED 043 764	829
Meeting Manpower Shortages, A Review of Reported Experience.		DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.	
VT 009 276	810	VT 011 849 ED 043 768	797
Nursing in Hawaii, 1968.		EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.	
VT 009 601	811	VT 011 965 ED 043 785	840
Manpower Horizons '75.		ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	
VT 009 804	812	VT 011 966 ED 043 786	801
Manpower Outlook '80: Arizona Agriculture.		ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.	
VT 010 115	813	MANPOWER UTILIZATION	
Nevada Health Manpower Program, Part I.		VT 001 106 ED 043 725	764
VT 010 436	833	THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.	
Training for the Automotive Trades in New York City.		VT 003 298 ED 043 726	808
VT 010 710	814	MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.	
The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.		VT 003 396 ED 042 872	808
VT 010 952	772	WOMANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).	
A Principle in Time.		VT 006 861	832
VT 011 004 ED 042 892	847	The Utilization of Associate Degree Nursing Graduates in General Hospitals.	
RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.			
VT 011 026	816		
Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.			
VT 011 311	818		
Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.			
VT 011 345	818		
Technical Manpower, 1966-80.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>LITERATURE REVIEWS</b>		<b>MANAGEMENT EDUCATION</b>	
VT 011 722	873	VT 011 553	782
Requirements for Office and Distributive Education Teacher-Coordination.		Supervision in the Missouri Wood Products Industry.	
<b>LOUISIANA</b>		<b>MANPOWER DEVELOPMENT</b>	
VT 010 710	814	VT 006 270	809
The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.		Meeting Manpower Shortages, A Review of Reported Experience.	
<b>LOW ACHIEVERS</b>		VT 008 243	765
VT 011 715	852	Federal Programs for the Development of Human Resources. Vol. I.	
Project PRIDE (Prescribed Reinforcement Involving Differentiated Education).		VT 010 071	842
<b>LOW INCOME COUNTIES</b>		Job Training for the Disadvantaged.	
VT 011 641	785	VT 010 146	843
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.		Training and Technology: Organized Labor's Participation in a Training Experiment.	
VT 011 814	828	VT 010 179 ED 042 878	843
Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).		PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).	
<b>LOW INCOME GROUPS</b>		VT 010 741 ED 042 889	845
VT 011 817 ED 043 763	855	ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.	
HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.		VT 010 914	771
<b>LUMBER INDUSTRY</b>		Developing Our Wasted Human Resources.	
VT 009 633	811	VT 010 979 ED 042 891	846
Technological Changes in Sawmill Occupations.		MANPOWER INFORMATION FOR URBAN POVERTY AREAS.	
VT 011 186	865	VT 010 983	772
Careers in the Logging Industry.		Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.	
VT 011 553	782	VT 011 004 ED 042 892	847
Supervision in the Missouri Wood Products Industry.		RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.	
<b>MACHINE TOOL OPERATORS</b>		VT 011 014	847
VT 010 241	768	These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.	
National Policy of Apprenticeship for Machinist (Automatic Screw-Machines).		VT 011 293	848
<b>MALES</b>		Special Job Creation for the Hard-to-Employ in Western Europe.	
VT 009 596	833	VT 011 435	779
Measurement of Attitudinal Changes by Means of an Adjective Check List.		New Patterns of Health Care: The Physician's Assistant.	
VT 011 401 ED 042 898	866	VT 011 615	784
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.		Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.	
VT 011 754	825	VT 011 658	851
Factors Related to Occupational Status of Male Graduates of West Union, North High School.		Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	
		VT 011 708 ED 042 916	852
		RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 827	855	VT 011 368	819
The General Education Development (GED) Program at Training and Technology.		Arkansas' Manpower Needs.	
VT 011 855	797	VT 011 442	819
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		New Hampshire Occupations in 1975.	
		VT 011 443	819
		Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	
HANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS		VT 011 444 ED 042 902	820
VT 010 982	834	DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	
Skill Training for the Disadvantaged: Problems of Assessment.		VT 011 599	821
VT 011 804	794	The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.	
Good Training, Good Jobs: MDTA. Facts for Manpower Administrators.		VT 011 725 ED 043 753	884
		AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	
HANPOWER NEEDS		VT 011 814	828
VT 001 106 ED 043 725	764	Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	
THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.		VT 011 826 ED 043 764	829
VT 006 210	808	DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.	
A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.		VT 011 849 ED 043 768	797
VT 006 270	809	EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.	
Meeting Manpower Shortages, A Review of Reported Experience.		VT 011 965 ED 043 785	840
VT 009 276	810	ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	
Nursing in Hawaii, 1968.		VT 011 966 ED 043 786	801
VT 009 601	811	ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.	
Manpower Horizons '75.			
VT 009 804	812		
Manpower Outlook '80: Arizona Agriculture.			
VT 010 115	813		
Nevada Health Manpower Program, Part I.			
VT 010 436	833		
Training for the Automotive Trades in New York City.			
VT 010 710	814		
The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.			
VT 010 952	772		
A Principle in Time.			
VT 011 004 ED 042 892	847		
RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.			
VT 011 026	816		
Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.			
VT 011 311	818		
Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.			
VT 011 345	818		
Technical Manpower, 1966-80.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 009 570	810	MATCHED GROUPS	
Workers' Attitudes and the		VT 011 769	826
Acceptability of Shiftwork in New		Motivational Conflict and	
Zealand Manufacturing Industry.		Employment Instability.	
VT 009 804	812		
Manpower Outlook '80: Arizona		MATERIAL DEVELOPMENT	
Agriculture.		VT 011 273	804
VT 009 929	842	Program Services Special Needs	
Bridging the Employment Gap:		Workshop, 1968.	
Strategies for Success, and Causes,			
Consequences, and Cures for Labor		MATHEMATICAL MODELS	
Turnover Problems.		VT 011 199	817
VT 010 367	814	Employment Multipliers and	
Changing Patterns; A Report on the		Employment Projections, the St.	
Federal Women's Program Review		Louis Region.	
Seminar.		VT 011 652	861
VT 011 104	816	A Framework for Studying	
Lewiston-Clarkston Area Manpower		Technological Change and Its Impact	
Survey.		on the Manpower Situation in	
VT 011 156 ED 043 733	848	Hawaii.	
NEW CAREERS, A BASIC STRATEGY			
AGAINST POVERTY.		MEASUREMENT INSTRUMENTS	
VT 011 198	817	VT 011 749 ED 043 757	836
Seasonal Unemployment in the		DIFFERENTIATING AMONG GRADUATES OF	
Construction Industry. Report and		VOCATIONAL-TECHNICAL CURRICULUMS.	
Recommendations.			
VT 011 325	777	MEASUREMENT TECHNIQUES	
The Crisis in Construction; There		VT 011 647	822
Is an Answer.		Manpower Directions in New York	
VT 011 345	818	State 1965-1975, Technical	
Technical Manpower, 1966-80.		Supplement.	
VT 011 478	820		
Occupations in the Film Processing		MEDICAL LABORATORY ASSISTANTS	
and Finishing Industry.		VT 011 826 ED 043 764	829
VT 011 672	822	DEVELOPMENT OF CAREER OPPORTUNITIES	
City Employment in 1969.		FOR BIOMEDICAL EQUIPMENT	
VT 011 673	822	TECHNICIANS. SURVEY OF JOB	
The Status of Paraprofessionals in		CHARACTERISTICS, MANPOWER NEEDS AND	
New York State School Districts.		TRAINING RESOURCES, AS OF JUNE,	
Phase One of a Continuing Study:		1970. INTERIM REPORT 2.	
School Paraprofessionals.			
VT 011 697	824	MEDICAL RESEARCH	
Hiring Standards and Job		VT 011 259	776
Performance.		Development and Evaluation of an	
VT 011 823	829	Integrated Basic Combat/Advanced	
Labor in the Textile and Apparel		Individual Training Program for	
Industries.		Medical Corpsmen.	
MARYLAND		MEDICAL SERVICES	
VT 011 962 ED 043 782	862	VT 011 229 ED 040 292	776
INITIAL SUPPORT FOR ESTABLISHING A		SELECTED HEALTH SERVICE	
MARYLAND RESEARCH COORDINATING		OCCUPATIONS.	
UNIT. FINAL REPORT.			
		MEDICAL TECHNOLOGISTS	
MASTERS THESES		VT 011 836 ED 043 766	796
VT 011 754	825	GUIDE FOR PROGRAM PLANNING: MEDICAL	
Factors Related to Occupational		LABORATORY TECHNICIAN.	
Status of Male Graduates of West			
Union, North High School.		MENTAL HEALTH	
VT 011 772	837	VT 011 705 ED 043 751	789
A Comparison of the Agricultural		THE DEVELOPMENT OF HUMAN	
Mechanics Instructional Programs of		POTENTIALITIES IN LEADERSHIP ROLES	
Selected Washington High Schools to		FOR VOCATIONAL ADMINISTRATORS AND	
A Model Program.		TEACHERS.	
VT 011 774	826		
A Study to Identify Vocational		MENTAL RETARDATION	
Competencies Needed for Employment		VT 010 751	845
in the Grain, Feed, Seed, and Farm		The Vocational Adjustment of	
Supply Industries.		Special Class Students.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 010 944	846	VT 011 599	821
A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.		The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.	
VT 011 014	847	MILITARY TRAINING	
These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.		VT 007 815 ED 042 873	809
VT 011 801	873	TRANSFERRING MILITARY EXPERIENCE TO CIVILIAN JOBS. A STUDY OF SELECTED AIR FORCE VETERANS.	
A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.		HANPOWER/AUTOMATION RESEARCH MONOGRAPH NO. 8.	
METAL WORKING OCCUPATIONS		VT 011 259	776
VT 011 757 ED 042 922	826	Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.	
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.		MINORITY GROUPS	
METHODOLOGY		VT 011 579	850
VT 011 652	861	Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.	
A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.		MOBILIZATION FOR YOUTH	
METROPOLITAN AREAS		VT 011 658	851
VT 009 598	811	Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	
Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods.		MODELS	
MICROTEACHING		VT 011 096	869
VT 011 433 ED 042 901	870	The Preparation of Professional Personnel for Vocational Technical Education.	
REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.		VT 011 727 ED 043 754	881
MIGRATION		BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.	
VT 011 809	828	MOTHERS	
Kansas Migration and Employment 1960-1968.		VT 009 885	812
MIGRATION PATTERNS		Working Mothers: A Selected Annotated Bibliography.	
VT 011 809	828	MUNICIPALITIES	
Kansas Migration and Employment 1960-1968.		VT 011 672	822
MILITARY ORGANIZATIONS		City Employment in 1969.	
VT 011 259	776	NATIONAL APPRENTICESHIP AND TRAINING STANDARDS	
Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.		VT 010 652	769
MILITARY PERSONNEL		National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.	
VT 011 259	776	NATIONAL DEFENSE	
Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.		VT 008 243	765
		Federal Programs for the Development of Human Resources. Vol. I.	
		NATIONAL ORGANIZATIONS	
		VT 010 241	768
		National Policy of Apprenticeship for Machinist (Automatic Screw-Machines).	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 010 652	769	NEGROES	
National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.		VT 010 885	845
NATIONAL PROGRAMS		The Negro Worker in the Chicago Labor Market.	
VT 010 072 ED 042 877	767	VT 011 701 ED 043 750	852
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.		OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.	
VT 010 983	772	VT 011 751	854
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		Black Builders; A Job Program that Works.	
VT 011 687 ED 043 745	788	NEIGHBORHOOD CENTERS	
AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.		VT 010 375 ED 042 882	844
NATIONAL SCREW MACHINE PRODUCTS ASSOCIATION		REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.	
VT 010 241	768	NEIGHBORHOOD YOUTH CORPS	
National Policy of Apprenticeship for Machinist (Automatic Screw-Machinists).		VT 010 472	844
NATIONAL SURVEYS		Neighborhood Youth Corps--New Careers.	
VT 010 135	767	NEVADA	
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.		VT 009 601	811
VT 010 502	884	Manpower Horizons '75.	
Survey of Vocational Education and Training.		VT 010 115	813
VT 011 017	774	Nevada Health Manpower Program, Part I.	
Survey of Federal Aviation Agency Approved Mechanic School Programs.		NEW BRUNSWICK DEPARTMENT OF LABOUR	
VT 011 473 ED 043 738	781	VT 010 917 ED 042 890	815
THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.		A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.	
NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS		NEW CAREERS	
VT 011 687 ED 043 745	788	VT 011 156 ED 043 733	848
AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.		NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.	
NEBRASKA		NEW OFFICE AND BUSINESS EDUCATION LEARNING SYSTEMS	
VT 011 783	827	VT 011 727 ED 043 754	881
Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.		BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.	
NEGRO EMPLOYMENT		NEW ZEALAND	
VT 010 885	845	VT 009 570	810
The Negro Worker in the Chicago Labor Market.		Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.	
VT 011 330 ED 042 055	850	NONCOLLEGE PREPARATORY STUDENTS	
GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.		VT 006 469	832
		An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.	
		VT 011 799	794
		Career Education in Oregon.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
NORTH CAROLINA		OCCUPATIONAL CLUSTERS	
VT 009 947	813	VT 011 749 ED 043 757	836
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.		DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	
VT 011 401 ED 042 898	866	VT 011 799	794
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.		Career Education in Oregon.	
NURSES		OCCUPATIONAL GUIDANCE	
VT 006 861	832	VT 011 083	816
The Utilization of Associate Degree Nursing Graduates in General Hospitals.		Opportunities in Graphic Arts Careers.	
NURSING		VT 011 326	865
VT 009 276	810	Handbook of Aerospace-Related Occupations.	
Nursing in Hawaii, 1968.		VT 011 799	794
NUTRITION INSTRUCTION		Career Education in Oregon.	
VT 011 817 ED 043 763	855	OCCUPATIONAL HOME ECONOMICS	
HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.		VT 010 136	768
OBJECT MANIPULATION		Programs for Career Opportunities in Child Development.	
VT 011 637 ED 042 058	880	VT 011 600 ED 042 053	805
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.		HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	
OBJECTIVES		VT 011 719	824
VT 009 760	767	Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	
Assessing the Economic Scene.		VT 011 867	857
VT 011 962 ED 043 782	862	Evaluation of a Program of Training for Day Care Attendants.	
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.		OCCUPATIONAL INFORMATION	
OCCUPATIONAL ASPIRATION		VT 006 469	832
VT 011 401 ED 042 898	866	An Evaluation in Stanislaus County Secondary Schools, 1967-1968.	
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.		Regional Center for Career Information.	
VT 011 758	885	VT 009 633	811
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).		Technological Changes in Sawmill Occupations.	
OCCUPATIONAL CHOICE		VT 009 892	812
VT 011 560 ED 042 046	783	Occupational Profile; City of San Francisco.	
AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.		VT 010 366	814
VT 011 813	828	Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.	
75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.		VT 010 997	864
		Careers in Home Economics.	
		VT 011 010	864
		The Ohio Apprenticeship Notebook for School Counselors.	
		VT 011 186	865
		Careers in the Logging Industry.	
		VT 011 229 ED 040 292	776
		SELECTED HEALTH SERVICE OCCUPATIONS.	
		VT 011 326	865
		Handbook of Aerospace-Related Occupations.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 344	865	VT 011 754	825
A Job with the Forest Service.		Factors Related to Occupational	
VT 011 460	820	Status of Male Graduates of West	
Occupations and Trends in the Dairy		Union, North High School.	
Industry.		VT 011 783	827
VT 011 478	820	Occupational Opportunities in	
Occupations in the Film Processing		Nebraska. 1970 Report. NCUVE	
and Finishing Industry.		Series: No. 11.	
VT 011 560 ED 042 046	783	VT 011 784	827
AN INFORMATION SYSTEM FOR		A Look at the Job Market in Idaho.	
VOCATIONAL DECISIONS. FINAL REPORT.		VT 011 789	827
VT 011 576	821	Occupational Immobility of Small	
Apprenticeship in Arizona.		Farmers, A Study of the Reasons Why	
VT 011 719	824	Small Farmers Do Not Give Up	
Identifying Major Tasks Performed		Farming. Occasional Papers No. 13.	
by Food Service Workers in		VT 011 823	829
Commercial and Institutional Food		Labor in the Textile and Apparel	
Service Establishments.		Industries.	
VT 011 823	829	OCCUPATIONAL THERAPY	
Labor in the Textile and Apparel		VT 011 730	805
Industries.		Guide Book for an Accredited	
OCCUPATIONAL MOBILITY		Curriculum in Occupational Therapy.	
VT 011 004 ED 042 892	847	Third Edition.	
RESOLVING THE MANPOWER PARADOX:		OCCUPATIONS	
WORKERS WITHOUT JOBS: JOBS WITHOUT		VT 009 601	811
WORKERS. STATE OF NEW		Manpower Horizons '75.	
YORK--LEGISLATIVE DOCUMENT		VT 011 784	827
(1969)--NUMBER 84.		A Look at the Job Market in Idaho.	
VT 011 544	821	OFF FARM AGRICULTURAL OCCUPATIONS	
Stepping Stones in Nursing		VT 011 460	820
Education.		Occupations and Trends in the Dairy	
VT 011 789	827	Industry.	
Occupational Immobility of Small		VT 011 909	830
Farmers, A Study of the Reasons Why		A List of Tractor and Power Unit	
Small Farmers Do Not Give Up		Skills Needed in Agricultural	
Farming. Occasional Papers No. 13.		Mechanization.	
OCCUPATIONAL SURVEYS		OFFICE OCCUPATIONS EDUCATION	
VT 003 298 ED 043 726	808	VT 011 094 ED 042 893	869
MEASURING JOB VACANCIES, A		VOCATIONAL COMPETENCY EXAMINATION	
FEASIBILITY STUDY IN THE ROCHESTER,		FOR PREPARATORY TEACHERS AND	
N.Y. AREA. STUDIES IN BUSINESS		TEACHER COORDINATORS IN VOCATIONAL	
ECONOMICS NO. 97.		BUSINESS AND OFFICE EDUCATION,	
VT 007 815 ED 042 873	809	1970.	
TRANSFERRING MILITARY EXPERIENCE TO		VT 011 727 ED 043 754	881
CIVILIAN JOBS. A STUDY OF SELECTED		BUSINESS EDUCATION FOR THE EMERGENT	
AIR FORCE VETERANS.		OFFICE. INTERIM REPORT.	
MANPOWER/AUTOMATION RESEARCH		OKLAHOMA	
MONOGRAPH NO. 8.		VT 011 817 ED 043 763	855
VT 009 598	811	HOME ECONOMISTS WORKING WITH	
Labor Force Status and Other		LOW-INCOME FAMILIES AND	
Characteristics in Three		IMPLICATIONS FOR COLLEGE FOOD AND	
Indianapolis Neighborhoods.		NUTRITION CURRICULUM.	
VT 011 026	816	ON THE JOB TRAINING	
Vocational, Technical, and Adult		VT 011 390	778
Education District No. 18		A Report of the Enrollment of	
Occupational Needs Survey.		Apprentices in Related Technical	
VT 011 368	819	Classes in California Public	
Arkansas' Manpower Needs.		Schools.	
VT 011 435	779	VT 011 875 ED 043 772	857
New Patterns of Health Care: The		THE JOBS PROGRAM (JOB OPPORTUNITIES	
Physician's Assistant.		IN THE BUSINESS SECTOR) BACKGROUND	
VT 011 442	819	INFORMATION.	
New Hampshire Occupations in 1975.			
VT 011 725 ED 043 753	884		
AN ANNOTATED BIBLIOGRAPHY FOR			
OCCUPATIONAL SURVEYS.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
ONTARIO		PHYSICALLY HANDICAPPED	
VT 011 310	818	VT 010 264 ED 042 879	843
A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.		EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	
VT 011 311	818	VT 011 012	834
Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.		Survey of Graduates of the Joseph Bulova School of Watchmaking.	
PARAPROFESSIONAL SCHOOL PERSONNEL		PHYSICIAN ASSISTANT	
VT 011 673	822	VT 011 435	779
The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.		New Patterns of Health Care: The Physician's Assistant.	
PARTICIPANT CHARACTERISTICS		PILOT PROJECTS	
VT 010 264 ED 042 879	843	VT 009 642 ED 042 876	766
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.	
PERCEPTION TESTS		VT 011 641	785
VT 009 596	833	Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.	
Measurement of Attitudinal Changes by Means of an Adjective Check List.		VT 011 927 ED 043 776	839
PERFORMANCE CRITERIA		A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
VT 011 675	871	PLASTICS	
The Development of Performance Objectives for Teacher-Coordina-tors of Cooperative Occupational Training Programs.		VT 011 690 ED 042 911	823
PERFORMANCE FACTORS		COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	
VT 011 675	871	POLICE COMMUNITY RELATIONSHIP	
The Development of Performance Objectives for Teacher-Coordina-tors of Cooperative Occupational Training Programs.		VT 011 408	778
PERSONALITY ASSESSMENT		Some Guidelines for Successful Police-Community Relations Training Programs.	
VT 011 934 ED 043 777	839	POST SECONDARY EDUCATION	
DESIGN FOR A STUDY OF AMERICAN YOUTH.		VT 006 685	764
PERSONALITY STUDIES		The Development of Post-High School Technical-Vocational Education in Oklahoma.	
VT 011 769	826	VT 010 502	884
Motivational Conflict and Employment Instability.		Survey of Vocational Education and Training.	
PERSONNEL DATA		VT 011 539 ED 042 907	781
VT 011 771 ED 042 927	791	PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	
COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.		VT 011 943 ED 043 780	800
PERSONNEL NEEDS		A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	
VT 010 135	767	POSTSECONDARY EDUCATION	
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.		VT 011 942 ED 043 779	800
		NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
POTENTIAL DROPOUTS		PRISONERS	
VT 011 372	777	VT 010 073	833
School to Employment Program.		Analysis of Work Release for Felons	
Project Step Report--1968-1969.		in Minnesota.	
POVERTY PROGRAMS		VT 010 712 ED 042 888	844
VT 011 156 ED 043 733	848	WORK RELEASE: FACTORS IN SELECTION	
NEW CAREERS, A BASIC STRATEGY		AND RESULTS.	
AGAINST POVERTY.		PRIVATE SCHOOLS	
VT 011 658	851	VT 011 168	775
Employment and Educational Services		Membership Directory of Accredited	
in the Mobilization for Youth		Private Trade and Technical	
Experience. The New Social Work.		Schools, 1969-70.	
VT 011 740	854	VT 011 539 ED 042 907	781
Training and Technology;		PRIVATE VOCATIONAL SCHOOLS: THEIR	
Tour--Test--and Interview. (A Model		EMERGING ROLE IN POSTSECONDARY	
for Recruitment of Disadvantaged		EDUCATION.	
Persons into a Manpower Training			
Program).		PROBATIONARY PERIOD	
PRACTICAL NURSES		VT 010 073	833
VT 010 554	876	Analysis of Work Release for Felons	
A Study of The Value of Student		in Minnesota.	
Exposure to Health Agencies During		VT 010 712 ED 042 888	844
the Pre-Clinical Portion of the		WORK RELEASE: FACTORS IN SELECTION	
Practical Nursing Program.		AND RESULTS.	
PRACTICAL NURSING		PROBLEM SOLVING	
VT 011 544	821	VT 011 077	775
Stepping Stones in Nursing		Health Manpower Annual Conference,	
Education.		1969.	
PREDICTIVE MEASUREMENT		PRODUCTIVITY	
VT 011 635 ED 042 057	879	VT 011 851 ED 043 769	830
THE EFFECT OF TWO APPROACHES TO		EDUCATION, TRAINING AND	
VISUAL INFORMATION TRANSMISSION ON		PRODUCTIVITY: A STUDY OF SKILLED	
STUDENT INFORMATIONAL ACHIEVEMENT		WORKERS IN TWO FACTORIES IN SOUTH	
AND PICTORIAL RECOGNITION.		INDIA.	
VT 011 637 ED 042 058	880	PROFESSIONAL PERSONNEL	
COMPARATIVE EFFECTIVENESS OF		VT 011 310	818
VARIATIONS IN THE DEMONSTRATION		A Summary: Qualified Manpower in	
METHOD OF TEACHING A COMPLEX		Ontario 1961-1986. Volume I:	
MANIPULATIVE SEQUENCE.		Determination and Projection of	
VT 011 702 ED 042 913	880	Basic Stocks.	
THE PROJECT METHOD IN DISTRIBUTIVE		VT 011 771 ED 042 927	791
EDUCATION: STUDENT ACHIEVEMENT IN		COMPETENCIES NEEDED BY PERSONNEL	
SELECTED CONTENT AREAS.		ENGAGED IN PROGRAM PLANNING IN	
VT 011 878	838	STATE DIVISIONS OF	
Development of a Scale to Measure		VOCATIONAL-TECHNICAL EDUCATION.	
Attitudes Toward Vocational			
Education.		PROGRAM ADMINISTRATION	
PRESERVICE EDUCATION		VT 009 604	765
VT 011 846	873	Guidelines for Cooperative	
The Feasibility of Using Videotape		Education Coordinator.	
Techniques in Pre-Service Teacher		VT 010 935	771
Education in Agriculture.		Directions '70, Summary of A	
PREVOCATIONAL EDUCATION		Vocational Education Leadership	
VT 011 766 ED 042 926	791	Conference, 1969.	
GUIDELINES FOR THE DEVELOPMENT OF		VT 011 019	834
PREVOCATIONAL EDUCATION PROGRAMS AT		The Extent of Registered Apprentice	
THE JUNIOR HIGH SCHOOL LEVEL.		Training in New York State, 1967.	
PRINTING		VT 011 096	869
VT 011 654	785	The Preparation of Professional	
Education for the Printing		Personnel for Vocational Technical	
Industry.		Education.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 136      ED 043 732	775	VT 011 586	783
IMPLEMENTING THE VOCATIONAL		Preparation of Technicians for	
EDUCATION AMENDMENTS OF 1968 FOR		Environmental Control.	
THE DISADVANTAGED OR HANDICAPPED.		VT 011 641	785
SUGGESTED UTILIZATION OF RESOURCES		Further Development of a Plan for	
AND GUIDE FOR EXPENDITURES (SURGE).		Offering Vocational-Technical	
VT 011 655	786	Training in Fulton County.	
Partnership Incorporated; An		VT 011 653	785
Account of a Joint Effort to Solve		Further Education for Technicians.	
the Problems of Apprentice		VT 011 658	851
Training.		Employment and Educational Services	
VT 011 943      ED 043 780	800	in the Mobilization for Youth	
A STUDY OF OCCUPATIONAL INFORMATION		Experience. The New Social Work.	
EXCHANGE SYSTEMS IN NORTH CAROLINA		VT 011 715	852
POSTSECONDARY INSTITUTIONS. CENTER		Project PRIDE (Prescribed	
RESEARCH AND DEVELOPMENT REPORT NO.		Reinforcement Involving	
8.		Differentiated Education).	
PROGRAM ATTITUDES		VT 011 804	794
VT 011 580	783	Good Training, Good Jobs: MDTA.	
Training and Technology Project; A		Facts for Manpower Administrators.	
Study of Trainee Attitudes in a		VT 011 827	855
Manpower Training Program.		The General Education Development	
PROGRAM CONTENT		(GED) Program at Training and	
VT 011 011	774	Technology.	
Citizenship Training for		VT 011 860	798
Vocational-Technical Education		Guidelines for an Extension	
Students in Secondary Schools.		Educational Program in	
PROGRAM COORDINATION		Transportation.	
VT 006 685	764	PROGRAM DEVELOPMENT	
The Development of Post-High School		VT 009 758	766
Technical-Vocational Education in		Approval Criteria for Area	
Oklahoma.		Secondary Vocational Centers in	
VT 011 742	790	Illinois.	
Implications for Suggested		VT 010 914	771
Coordination by the Vocational		Developing Our Wasted Human	
Education Amendments of 1968 and		Resources.	
Other Legislation.		VT 010 944	846
VT 011 908	799	A Coordinated Program of Vocational	
First Annual Report of the Advisory		Rehabilitation and Special	
Council for Technical-Vocational		Educational Services for the	
Education in Texas.		Retarded.	
PROGRAM COSTS		VT 011 408	778
VT 011 681	787	Some Guidelines for Successful	
Consolidated Program Information		Police-Community Relations Training	
Report (CPIR): Florida School		Programs.	
Districts, 1968-69.		VT 011 410	779
VT 011 828	796	New Strategies for	
Status of Adult Vocational		Vocational-Technical Education in	
Education in Utah.		Urban America.	
PROGRAM DESCRIPTIONS		VT 011 435	779
VT 008 531	765	New Patterns of Health Care: The	
Vocational Education: A Feasibility		Physician's Assistant.	
Study for the Suburbs of Tomorrow.		VT 011 586	783
Vol. I.		Preparation of Technicians for	
VT 010 136	768	Environmental Control.	
Programs for Career Opportunities		VT 011 653	785
in Child Development.		Further Education for Technicians.	
VT 011 193      ED 043 734	776	VT 011 654	785
INNOVATIVE PROGRAMS IN INDUSTRIAL		Education for the Printing	
ARTS.		Industry.	
VT 011 372	777	VT 011 656	786
School to Employment Program.		Further Education for Operatives.	
Project Step Report--1968-1969.		VT 011 657	787
		Human Resources and New Systems of	
		Vocational Training and	
		Apprenticeship. A Summary.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 692	788	VT 011 475	850
Post Secondary Distributive Education.		ED 042 905	
VT 011 766	791	CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	
ED 042 926		VT 011 552	782
GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 011 836	796	VT 011 681	787
ED 043 766		Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.	
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.		VT 011 684	835
VT 011 860	798	ED 043 742	
Guidelines for an Extension Educational Program in Transportation.		A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	
VT 011 908	799	VT 011 692	788
First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.		Post Secondary Distributive Education.	
PROGRAM EFFECTIVENESS		VT 011 770	836
VT 011 012	834	Assessment of Educational Programs.	
Survey of Graduates of the Joseph Bulova School of Watchmaking.		VT 011 772	837
VT 011 684	835	A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.	
ED 043 742		VT 011 777	792
A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.		Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).	
VT 011 965	840	VT 011 778	792
ED 043 785		Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).	
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.		VT 011 798	793
PROGRAM EVALUATION		Ohio Advisory Council for Vocational Education, First Report.	
VT 008 531	765	VT 011 848	837
Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.		ED 043 767	
VT 010 073	833	AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	
Analysis of Work Release for Felons in Minnesota.		VT 011 859	838
VT 010 436	833	ED 043 770	
Training for the Automotive Trades in New York City.		AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.	
VT 010 712	844	VT 011 867	857
ED 042 888		Evaluation of a Program of Training for Day Care Attendants.	
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.		VT 011 875	857
VT 010 982	834	ED 043 772	
Skill Training for the Disadvantaged: Problems of Assessment.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
VT 011 012	834	VT 011 908	799
Survey of Graduates of the Joseph Bulova School of Watchmaking.		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 018	774	VT 011 927	839
High School Aviation Aerospace Education Status Report.		ED 043 776	
VT 011 019	834	A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
The Extent of Registered Apprentice Training in New York State, 1967.			
VT 011 076	835		
A Concerned Texas.			
VT 011 408	778		
Some Guidelines for Successful Police-Community Relations Training Programs.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 943 ED 043 780	800	VT 011 552	782
A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 011 959	839	VT 011 692	788
Tentative Standards of the Committee on Occupational Education.		Post Secondary Distributive Education.	
VT 011 966 ED 043 786	801	VT 011 727 ED 043 754	881
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.		BUSINESS EDUCATION FOR THE EMEFAGENT OFFICE. INTERIM REPORT.	
PROGRAM EVALUATION: *BEHAVIORAL OBJECTIVES		VT 011 742	790
VT 011 638	861	Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.		VT 011 771 ED 042 927	791
PROGRAM GUIDES		COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.	
VT 011 692	788	VT 011 825	795
Post Secondary Distributive Education.		Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	
PROGRAM IMPROVEMENT		VT 011 836 ED 043 766	796
VT 010 323 ED 042 881	768	GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.	
A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).		VT 011 876	798
VT 011 019	834	An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	
The Extent of Registered Apprentice Training in New York State, 1967.		VT 011 964 ED 043 784	801
VT 011 077	775	PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
Health Manpower Annual Conference, 1969.		PROGRAMED INSTRUCTION	
VT 011 096	869	VT 009 381	876
The Preparation of Professional Personnel for Vocational Technical Education.		The Discovery Method in Training.	
VT 011 654	785	PROJECT MINI SCORE	
Education for the Printing Industry.		VT 011 749 ED 043 757	836
VT 011 798	793	DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	
Ohio Advisory Council for Vocational Education, First Report.		PROJECT TRAINING METHODS	
VT 011 910 ED 043 775	799	VT 011 702 ED 042 913	880
RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.		THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	
VT 011 957	801	PROMOTION (OCCUPATIONAL)	
Operational Policies of the Committee on Occupational Education.		VT 011 630 ED 042 055	850
PROGRAM PLANNING		GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	
VT 011 090	847	VT 011 701 ED 043 750	852
Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.		OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.	
VT 011 364	777	PSYCHIATRIC AIDES	
A Plan for Career Development in the Public Schools of the District of Columbia.		VT 011 700 ED 043 749	851
		MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
PSYCHOMOTOR SKILLS		VT 011 630 ED 042 055	850
VT 009 394	832	GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	
Skill and Operative Selection for Fine Manual Tasks.		VT 011 751	854
VT 011 631 ED 043 739	878	Black Builders; A Job Program that Works.	
TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.			
PSYCHOSOCIAL PROBLEMS		RACIAL INTEGRATION	
VT 011 700 ED 043 749	851	VT 011 401 ED 042 898	866
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.		SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	
PUBLIC POLICY			
VT 008 243	765	RADIOLOGIC TECHNOLOGISTS	
Federal Programs for the Development of Human Resources. Vol. I.		VT 011 443	819
VT 009 760	767	Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	
Assessing the Economic Scene.		VT 011 444 ED 042 902	820
PUBLIC SCHOOL SYSTEMS		DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	
VT 011 673	822		
The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.			
VT 011 674	823		
The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.			
PUBLIC SCHOOLS			
VT 011 390	778		
A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.			
Q SORT			
VT 011 634 ED 043 740	871		
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.			
QUESTION ANSWER INTERVIEWS			
VT 011 579	850		
Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.			
VT 011 634 ED 043 740	871		
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.			
QUESTIONNAIRES			
VT 010 115	813		
Nevada Health Manpower Program, Part I.			
RACIAL DISCRIMINATION			
VT 010 885	845		
The Negro Worker in the Chicago Labor Market.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
REHABILITATION PROGRAMS		VT 011 934 ED 043 777	839
VT 010 264 ED 042 879	843	DESIGN FOR A STUDY OF AMERICAN YOUTH.	
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		RESEARCH NEEDS	
RELEVANCE (EDUCATION)		VT 011 770	836
VT 010 071	842	Assessment of Educational Programs.	
Job Training for the Disadvantaged.		VT 011 879 ED 043 773	862
VT 011 589	878	REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
A Profile of Vocational-Technical Education, Quincy, Massachusetts.		VT 011 962 ED 043 782	862
VT 011 693 ED 042 912	789	INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.	
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.		RESEARCH PROJECTS	
VT 011 786	866	VT 009 688 ED 034 053	860
A Conversation with Lynda.		IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.	
VT 011 787	793	VT 010 587 ED 042 886	860
Relevancy in Agricultural Education.		CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.	
VT 011 799	794	VT 011 333 ED 042 896	861
Career Education in Oregon.		REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).	
RELOCATION		VT 011 800 ED 043 762	885
VT 011 615	784	RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.		RESEARCH REVIEWS (PUBLICATIONS)	
REPORTS		VT 007 344 ED 043 728	860
VT 006 312	809	HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.	
Summary of Employment Security Statistical Reports.		VT 011 708 ED 042 916	852
RESEARCH		RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-PD FOR THE DISADVANTAGED.	
VT 007 344 ED 043 728	860	VT 011 728 ED 042 919	884
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.	
RESEARCH COORDINATING UNITS		VT 011 910 ED 043 775	799
VT 009 688 ED 034 053	860	RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.		RESIDENTIAL SCHOOLS	
VT 011 962 ED 043 782	862	VT 011 927 ED 043 776	839
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.		A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
RESEARCH DESIGN		RESOURCE ALLOCATIONS	
VT 003 298 ED 043 726	808	VT 011 894 ED 043 774	799
MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.		FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	
VT 011 934 ED 043 777	839		
DESIGN FOR A STUDY OF AMERICAN YOUTH.			
VT 011 962 ED 043 782	862		
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.			
RESEARCH METHODOLOGY			
VT 011 905	838		
A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
RESOURCE MATERIALS		RURAL POPULATION	
VT 011 296	805	VT 009 947	813
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.		Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.	
VT 011 383	778	SAFETY	
The Construction Industry: Selected References, 1960-1969.		VT 011 805	795
VT 011 725 ED 043 753	884	Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.	
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.		SAN FRANCISCO	
RESOURCE UNITS		VT 009 892	812
VT 010 525 ED 042 885	876	Occupational Profile; City of San Francisco.	
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.		SCHEDULE MODULES	
ROLE PERCEPTION		VT 011 473 ED 043 738	781
VT 011 634 ED 043 740	871	THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		SCHOOL COMMUNITY COOPERATION	
RURAL AREAS		VT 011 693 ED 042 912	799
VT 011 742	790	JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	
Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.		VT 011 878	838
VT 011 867	857	Development of a Scale to Measure Attitudes Toward Vocational Education.	
Evaluation of a Program of Training for Day Care Attendants.		SCHOOL HOLDING POWER	
RURAL DEVELOPMENT		VT 011 372	777
VT 010 983	772	School to Employment Program. Project Step Report--1968-1969.	
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		SCHOOL INDUSTRY RELATIONSHIP	
VT 011 474 ED 042 904	849	VT 011 655	786
CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.		Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.	
VT 011 475 ED 042 905	850	SCHOOL SURVEYS	
CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.		VT 006 469	832
RURAL ECONOMICS		An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.	
VT 011 789	827	VT 009 915	842
Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.		A Survey of Special Needs Students in Rhode Island.	
RURAL FARM RESIDENTS		VT 011 018	774
VT 011 789	827	High School Aviation Aerospace Education Status Report.	
Occupational immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.		SCHOOL TO EMPLOYMENT PROGRAM	
		VT 011 372	777
		School to Employment Program. Project Step Report--1968-1969.	
		SCHOOL VISITATION	
		VT 011 693 ED 042 912	789
		JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
SEASONAL EMPLOYMENT		VT 010 987	772
VT 011 198	817	Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).	
Seasonal Unemployment in the Construction Industry. Report and Recommendations.		VT 010 988	773
SECONDARY EDUCATION		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).	
VT 010 502	884	VT 010 990	773
Survey of Vocational Education and Training.		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).	
SECONDARY GRADES		SEMISKILLED OCCUPATIONS	
VT 012 164	806	VT 011 697	824
Occupational Preparation, K-12 and Beyond.		Hiring Standards and Job Performance.	
SECONDARY SCHOOL COUNSELORS		SEMISKILLED WORKERS	
VT 010 473 ED 042 884	864	VT 009 570	810
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).		Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.	
SECONDARY SCHOOL STUDENTS		SENIORS	
VT 010 072 ED 042 877	767	VT 011 813	828
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.		75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	
VT 011 641	785	SERVICE OCCUPATIONS	
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.		VT 011 579	850
SELECTION		Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.	
VT 010 698	770	VT 011 814	828
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	
SELF CONCEPT		VT 011 858	856
VT 009 596	833	Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).	
Measurement of Attitudinal Changes by Means of an Adjective Check List.		SIMULATED ENVIRONMENT	
VT 011 009	877	VT 011 848 ED 043 767	837
The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.		AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	
VT 011 769	826	SIMULATORS	
Motivational Conflict and Employment Instability.		VT 010 915	877
SELF EVALUATION		The Captive Helicopter as a Training Device.	
VT 011 959	839	SINGAPORE	
Tentative Standards of the Committee on Occupational Education.		VT 010 988	773
SEMINARS		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).	
VT 010 367	814		
Changing Patterns; A Report on the Federal Women's Program Review Seminar.			
VT 010 974	869		
Seminar for Instructors and Directors of Selected Health Related Programs, 1969.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
SKILL CENTERS		SOCIOECONOMIC BACKGROUND	
VT 011 552	782	VT 011 813	828
Lincoln Skills Center; The Story of Its Struggles and Successes.		75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	
SKILL DEVELOPMENT		SOCIOECONOMIC INFLUENCES	
VT 009 394	832	VT 011 734 ED 043 755	825
Skill and Operative Selection for Fine Manual Tasks.		DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.	
VT 010 740	804	VT 012 323	802
Training and Technology; Worker Training Curriculum, Phase I.		Vocational Education: The Bridge Between Man and His Work. Publication 1.	
VT 011 757 ED 042 922	826		
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.			
SKILL OBSOLESCENCE		SOUTHEAST ASIA	
VT 011 652	861	VT 010 983	772
A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.		Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.	
SKILLED LABOR		SPECIAL EDUCATION	
VT 011 310	818	VT 011 273	804
A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.		Program Services Special Needs Workshop, 1968.	
SKILLED OCCUPATIONS		SPEECH HABITS	
VT 011 739	853	VT 011 009	877
Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.		The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.	
VT 011 851 ED 043 769	830		
EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.		SPEECHES	
		VT 012 164	806
		Occupational Preparation, K-12 and Beyond.	
SKILLED WORKERS		STANDARDS	
VT 006 270	809	VT 011 777	792
Meeting Manpower Shortages, A Review of Reported Experience.		Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).	
VT 009 570	810	VT 011 957	801
Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.		Operational Policies of the Committee on Occupational Education.	
VT 011 576	821	VT 011 959	839
Apprenticeship in Arizona.		Tentative Standards of the Committee on Occupational Education.	
SOCIAL STUDIES		STATE PROGRAMS	
VT 011 780 ED 043 759	806	VT 009 758	766
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		Approval Criteria for Area Secondary Vocational Centers in Illinois.	
SOCIALLY DISADVANTAGED		VT 011 090	847
VT 011 724 ED 042 918	853	Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.	
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		VT 011 876	798
		An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
NORTH CAROLINA		OCCUPATIONAL CLUSTERS	
VT 009 947	813	VT 011 749 ED 043 757	836
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.		DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	
VT 011 401 ED 042 898	866	VT 011 799	794
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.		Career Education in Oregon.	
NURSES		OCCUPATIONAL GUIDANCE	
VT 006 861	832	VT 011 083	816
The Utilization of Associate Degree Nursing Graduates in General Hospitals.		Opportunities in Graphic Arts Careers.	
NURSING		VT 011 326	865
VT 009 276	810	Handbook of Aerospace-Related Occupations.	
Nursing in Hawaii, 1968.		VT 011 799	794
NUTRITION INSTRUCTION		Career Education in Oregon.	
VT 011 817 ED 043 763	855	OCCUPATIONAL HOME ECONOMICS	
HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.		VT 010 136	768
OBJECT MANIPULATION		Programs for Career Opportunities in Child Development.	
VT 011 637 ED 042 058	880	VT 011 600 ED 042 053	805
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.		HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	
OBJECTIVES		VT 011 719	824
VT 009 760	767	Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	
Assessing the Economic Scene.		VT 011 867	857
VT 011 962 ED 043 782	862	Evaluation of a Program of Training for Day Care Attendants.	
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.		OCCUPATIONAL INFORMATION	
OCCUPATIONAL ASPIRATION		VT 006 469	832
VT 011 401 ED 042 898	866	An Evaluation in Stanislaus County Secondary Schools, 1967-1968.	
SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.		Regional Center for Career Information.	
VT 011 758	885	VT 009 633	811
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).		Technological Changes in Sawmill Occupations.	
OCCUPATIONAL CHOICE		VT 009 892	812
VT 011 560 ED 042 046	783	Occupational Profile; City of San Francisco.	
AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.		VT 010 366	814
VT 011 813	828	Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.	
75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.		VT 010 997	864
		Careers in Home Economics.	
		VT 011 010	864
		The Ohio Apprenticeship Notebook for School Counselors.	
		VT 011 186	865
		Careers in the Logging Industry.	
		VT 011 229 ED 040 292	776
		SELECTED HEALTH SERVICE OCCUPATIONS.	
		VT 011 326	865
		Handbook of Aerospace-Related Occupations.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 344	865	VT 011 754	825
A Job with the Forest Service.		Factors Related to Occupational	
VT 011 460	820	Status of Male Graduates of West	
Occupations and Trends in the Dairy		Union, North High School.	
Industry.		VT 011 783	827
VT 011 478	820	Occupational Opportunities in	
Occupations in the Film Processing		Nebraska. 1970 Report. NCUVE	
and Finishing Industry.		Series: No. 11.	
VT 011 560 ED 042 046	783	VT 011 784	827
AN INFORMATION SYSTEM FOR		A Look at the Job Market in Idaho.	
VOCATIONAL DECISIONS. FINAL REPORT.		VT 011 789	827
VT 011 576	821	Occupational Immobility of Small	
Apprenticeship in Arizona.		Farmers, A Study of the Reasons Why	
VT 011 719	824	Small Farmers Do Not Give Up	
Identifying Major Tasks Performed		Farming. Occasional Papers No. 13.	
by Food Service Workers in		VT 011 823	829
Commercial and Institutional Food		Labor in the Textile and Apparel	
Service Establishments.		Industries.	
VT 011 823	829	OCCUPATIONAL THERAPY	
Labor in the Textile and Apparel		VT 011 730	805
Industries.		Guide Book for an Accredited	
OCCUPATIONAL MOBILITY		Curriculum in Occupational Therapy.	
VT 011 004 ED 042 892	847	Third Edition.	
RESOLVING THE MANPOWER PARADOX:		OCCUPATIONS	
WORKERS WITHOUT JOBS: JOBS WITHOUT		VT 009 601	811
WORKERS STATE OF NEW		Manpower Horizons '75.	
YORK--LEGISLATIVE DOCUMENT		VT 011 784	827
(1969)--NUMBER 84.		A Look at the Job Market in Idaho.	
VT 011 544	821	OFF FARM AGRICULTURAL OCCUPATIONS	
Stepping Stones in Nursing		VT 011 460	820
Education.		Occupations and Trends in the Dairy	
VT 011 789	827	Industry.	
Occupational Immobility of Small		VT 011 909	830
Farmers, A Study of the Reasons Why		A List of Tractor and Power Unit	
Small Farmers Do Not Give Up		Skills Needed in Agricultural	
Farming. Occasional Papers No. 13.		Mechanization.	
OCCUPATIONAL SURVEYS		OFFICE OCCUPATIONS EDUCATION	
VT 003 298 ED 043 726	808	VT 011 094 ED 042 893	869
MEASURING JOB VACANCIES, A		VOCATIONAL COMPETENCY EXAMINATION	
FEASIBILITY STUDY IN THE ROCHESTER,		FOR PREPARATORY TEACHERS AND	
N.Y. AREA. STUDIES IN BUSINESS		TEACHER COORDINATORS IN VOCATIONAL	
ECONOMICS NO. 97.		BUSINESS AND OFFICE EDUCATION,	
VT 007 815 ED 042 873	809	1970.	
TRANSFERRING MILITARY EXPERIENCE TO		VT 011 727 ED 043 754	881
CIVILIAN JOBS. A STUDY OF SELECTED		BUSINESS EDUCATION FOR THE EMERGENT	
AIR FORCE VETERANS.		OFFICE. INTERIM REPORT.	
MANPOWER/AUTOMATION RESEARCH		OKLAHOMA	
MONOGRAPH NO. 8.		VT 011 817 ED 043 763	855
VT 009 598	811	HOME ECONOMISTS WORKING WITH	
Labor Force Status and Other		LOW-INCOME FAMILIES AND	
Characteristics in Three		IMPLICATIONS FOR COLLEGE FOOD AND	
Indianapolis Neighborhoods.		NUTRITION CURPICULUM.	
VT 011 026	816	ON THE JOB TRAINING	
Vocational, Technical, and Adult		VT 011 390	778
Education District No. 18		A Report of the Enrollment of	
Occupational Needs Survey.		Apprentices in Related Technical	
VT 011 368	819	Classes in California Public	
Arkansas' Manpower Needs.		Schools.	
VT 011 435	779	VT 011 875 ED 043 772	857
New Patterns of Health Care: The		THE JOBS PROGRAM (JOB OPPORTUNITIES	
Physician's Assistant.		IN THE BUSINESS SECTOR) BACKGROUND	
VT 011 442	819	INFORMATION.	
New Hampshire Occupations in 1975.			
VT 011 725 ED 043 753	884		
AN ANNOTATED BIBLIOGRAPHY FOR			
OCCUPATIONAL SURVEYS.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 685      ED 043 743	871	TEACHER RESPONSIBILITY	
SPECIFIC NEEDS FOR UPDATING		VT 011 703      ED 042 914	789
EDUCATIONAL EXPERIENCES AS REPORTED		PERSONNEL RESPONSIBLE FOR DECISIONS	
BY INSTRUCTORS OF ELECTRONICS IN		INFLUENCING VOCATIONAL EDUCATION IN	
INDUSTRIAL EDUCATION DEPARTMENTS OF		LOCAL SCHOOLS.	
COLLEGES AND UNIVERSITIES.			
VT 011 689      ED 043 747	872	TEACHER SUPPLY AND DEMAND	
AN INVESTIGATION OF OFFERINGS OF		VT 011 096	869
INDUSTRIAL ARTS TEACHER EDUCATION		The Preparation of Professional	
INSTITUTIONS IN THE AREAS OF		Personnel for Vocational Technical	
AUTOMATION AND CYBERNETICS AS		Education.	
COMPARED WITH CURRENT PRACTICES IN			
INDUSTRY.		TEACHERS	
VT 011 707      ED 042 915	872	VT 010 700	868
DEVELOPMENT OF A SELF-INSTRUCTIONAL		Training and Technology;	
PACKAGE ON COOPERATIVE EDUCATION		Recruitment: In-Service	
COORDINATION SKILLS.		Vocational-Technical Teacher	
		Institute (1967).	
TEACHER EDUCATION CURRICULUM		TEACHING	
VT 011 094      ED 042 893	869	VT 011 727      ED 043 754	881
VOCATIONAL COMPETENCY EXAMINATION		BUSINESS EDUCATION FOR THE EMERGENT	
FOR PREPARATORY TEACHERS AND		OFFICE. INTERIM REPORT.	
TEACHER COORDINATORS IN VOCATIONAL			
BUSINESS AND OFFICE EDUCATION,		TEACHING METHODS	
1970.		VT 009 381	876
TEACHER EVALUATION		The Discovery Method in Training.	
VT 011 094      ED 042 893	869	VT 011 635      ED 042 057	879
VOCATIONAL COMPETENCY EXAMINATION		THE EFFECT OF TWO APPROACHES TO	
FOR PREPARATORY TEACHERS AND		VISUAL INFORMATION TRANSMISSION ON	
TEACHER COORDINATORS IN VOCATIONAL		STUDENT INFORMATIONAL ACHIEVEMENT	
BUSINESS AND OFFICE EDUCATION,		AND PICTORIAL RECOGNITION.	
1970.		VT 011 637      ED 042 058	880
TEACHER IMPROVEMENT		COMPARATIVE EFFECTIVENESS OF	
VT 010 525      ED 042 885	876	VARIATIONS IN THE DEMONSTRATION	
THE EFFECT OF IN-SERVICE EDUCATION		METHOD OF TEACHING A COMPLEX	
AND RESOURCE UNIT COMPONENTS ON		MANIPULATIVE SEQUENCE.	
TEACHER AND STUDENT LEARNING.		VT 011 702      ED 042 913	880
RESEARCH SERIES IN OCCUPATIONAL		THE PROJECT METHOD IN DISTRIBUTIVE	
EDUCATION NO. 12.		EDUCATION: STUDENT ACHIEVEMENT IN	
VT 011 910      ED 043 775	799	SELECTED CONTENT AREAS.	
RESEARCH VISIBILITY: IMPROVING		TEACHING PROCEDURES	
VOCATIONAL EDUCATION.		VT 011 015	878
TEACHER PARTICIPATION		Approaches to Electronics	
VT 011 015	878	Troubleshooting as Viewed by	
Approaches to Electronics		Community College Electronics	
Troubleshooting as Viewed by		Teachers.	
Community College Electronics		TEACHING SKILLS	
Teachers.		VT 011 233	870
TEACHER QUALIFICATIONS		Level of Mechanics Skills,	
VT 010 271	868	Abilities, and Understandings	
Qualifications for Technical		Needed and Possessed by Teachers of	
Teachers in Engineering		Agriculture.	
Technologies.		TEACHING TECHNIQUES	
VT 011 233	870	VT 011 009	877
Level of Mechanics Skills,		The Acquisition of Standard English	
Abilities, and Understandings		Speech Habits Using Second-Language	
Needed and Possessed by Teachers of		Techniques, Summary Report.	
Agriculture.		VT 011 760      ED 042 923	882
TEACHER RESPONSE		AN EXPERIMENTAL EVALUATION OF THE	
VT 011 015	878	EFFECTIVENESS OF AN AUDIO-TUTORIAL	
Approaches to Electronics		METHOD IN TEACHING VOCATIONAL	
Troubleshooting as Viewed by		AGRICULTURE.	
Community College Electronics		VT 011 810	854
Teachers.		The Teacher of Home Economics;	
		Reaching Out to Those We Teach.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
ONTARIO		PHYSICALLY HANDICAPPED	
VT 011 310	818	VT 010 264 ED 042 879	843
A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.		EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	
VT 011 311	818	VT 011 012	834
Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.		Survey of Graduates of the Joseph Bulova School of Watchmaking.	
PARAPROFESSIONAL SCHOOL PERSONNEL		PHYSICIAN ASSISTANT	
VT 011 673	822	VT 011 435	779
The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.		New Patterns of Health Care: The Physician's Assistant.	
PARTICIPANT CHARACTERISTICS		PILOT PROJECTS	
VT 010 264 ED 042 879	843	VT 009 642 ED 042 876	766
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.	
PERCEPTION TESTS		VT 011 641	785
VT 009 596	833	Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.	
Measurement of Attitudinal Changes by Means of an Adjective Check List.		VT 011 927 ED 043 776	839
PERFORMANCE CRITERIA		A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
VT 011 675	871	PLASTICS	
The Development of Performance Objectives for Teacher-Coordina-tors of Cooperative Occupational Training Programs.		VT 011 690 ED 042 911	823
PERFORMANCE FACTORS		COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	
VT 011 675	871	POLICE COMMUNITY RELATIONSHIP	
The Development of Performance Objectives for Teacher-Coordina-tors of Cooperative Occupational Training Programs.		VT 011 408	778
PERSONALITY ASSESSMENT		Some Guidelines for Successful Police-Community Relations Training Programs.	
VT 011 934 ED 043 777	839	POST SECONDARY EDUCATION	
DESIGN FOR A STUDY OF AMERICAN YOUTH.		VT 006 685	764
PERSONALITY STUDIES		The Development of Post-High School Technical-Vocational Education in Oklahoma.	
VT 011 769	826	VT 010 502	884
Motivational Conflict and Employment Instability.		Survey of Vocational Education and Training.	
PERSONNEL DATA		VT 011 539 ED 042 907	781
VT 011 771 ED 042 927	791	PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	
COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.		VT 011 943 ED 043 780	800
PERSONNEL NEEDS		A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	
VT 010 135	767	POSTSECONDARY EDUCATION	
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.		VT 011 942 ED 043 779	800
		NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
POTENTIAL DROPOUTS		PRISONERS	
VT 011 372	777	VT 010 073	833
School to Employment Program.		Analysis of Work Release for Felons	
Project Step Report--1968-1969.		in Minnesota.	
POVERTY PROGRAMS		VT 010 712 ED 042 888	844
VT 011 156 ED 043 733	848	WORK RELEASE: FACTORS IN SELECTION	
NEW CAREERS, A BASIC STRATEGY		AND RESULTS.	
AGAINST POVERTY.		PRIVATE SCHOOLS	
VT 011 658	851	VT 011 168	775
Employment and Educational Services		Membership Directory of Accredited	
in the Mobilization for Youth		Private Trade and Technical	
Experience. The New Social Work.		Schools, 1969-70.	
VT 011 740	854	VT 011 539 ED 042 907	781
Training and Technology;		PRIVATE VOCATIONAL SCHOOLS: THEIR	
Tour--Test--and Interview. (A Model		EMERGING ROLE IN POSTSECONDARY	
for Recruitment of Disadvantaged		EDUCATION.	
Persons into a Manpower Training		PROBATIONARY PERIOD	
Program).		VT 010 073	833
PRACTICAL NURSES		Analysis of Work Release for Felons	
VT 010 554	876	in Minnesota.	
A Study of The Value of Student		VT 010 712 ED 042 888	844
Exposure to Health Agencies During		WORK RELEASE: FACTORS IN SELECTION	
the Pre-Clinical Portion of the		AND RESULTS.	
Practical Nursing Program.		PROBLEM SOLVING	
PRACTICAL NURSING		VT 011 077	775
VT 011 544	821	Health Manpower Annual Conference,	
Stepping Stones in Nursing		1969.	
Education.		PRODUCTIVITY	
PREDICTIVE MEASUREMENT		VT 011 851 ED 043 769	830
VT 011 635 ED 042 057	879	EDUCATION, TRAINING AND	
THE EFFECT OF TWO APPROACHES TO		PRODUCTIVITY: A STUDY OF SKILLED	
VISUAL INFORMATION TRANSMISSION ON		WORKERS IN TWO FACTORIES IN SOUTH	
STUDENT INFORMATIONAL ACHIEVEMENT		INDIA.	
AND PICTORIAL RECOGNITION.		PROFESSIONAL PERSONNEL	
VT 011 637 ED 042 058	880	VT 011 310	818
COMPARATIVE EFFECTIVENESS OF		A Summary: Qualified Manpower in	
VARIATIONS IN THE DEMONSTRATION		Ontario 1961-1986. Volume I:	
METHOD OF TEACHING A COMPLEX		Determination and Projection of	
MANIPULATIVE SEQUENCE.		Basic Stocks.	
VT 011 702 ED 042 913	880	VT 011 771 ED 042 927	791
THE PROJECT METHOD IN DISTRIBUTIVE		COMPETENCIES NEEDED BY PERSONNEL	
EDUCATION: STUDENT ACHIEVEMENT IN		ENGAGED IN PROGRAM PLANNING IN	
SELECTED CONTENT AREAS.		STATE DIVISIONS OF	
VT 011 878	838	VOCATIONAL-TECHNICAL EDUCATION.	
Development of a Scale to Measure		PROGRAM ADMINISTRATION	
Attitudes Toward Vocational		VT 009 604	765
Education.		Guidelines for Cooperative	
PRESERVICE EDUCATION		Education Coordinator.	
VT 011 846	873	VT 010 935	771
The Feasibility of Using Videotape		Directions '70, Summary of A	
Techniques in Pre-Service Teacher		Vocational Education Leadership	
Education in Agriculture.		Conference, 1969.	
PREVOCATIONAL EDUCATION		VT 011 019	834
VT 011 766 ED 042 926	791	The Extent of Registered Apprentice	
GUIDELINES FOR THE DEVELOPMENT OF		Training in New York State, 1967.	
PREVOCATIONAL EDUCATION PROGRAMS AT		VT 011 096	869
THE JUNIOR HIGH SCHOOL LEVEL.		The Preparation of Professional	
PRINTING		Personnel for Vocational Technical	
VT 011 654	785	Education.	
Education for the Printing			
Industry.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 136 ED 043 732	775	VT 011 586	783
IMPLEMENTING THE VOCATIONAL		Preparation of Technicians for	
EDUCATION AMENDMENTS OF 1968 FOR		Environmental Control.	
THE DISADVANTAGED OR HANDICAPPED.		VT 011 641	785
SUGGESTED UTILIZATION OF RESOURCES		Further Development of a Plan for	
AND GUIDE FOR EXPENDITURES (SURGE).		Offering Vocational-Technical	
VT 011 655	786	Training in Fulton County.	
Partnership Incorporated; An		VT 011 653	785
Account of a Joint Effort to Solve		Further Education for Technicians.	
the Problems of Apprentice		VT 011 658	851
Training.		Employment and Educational Services	
VT 011 943 ED 043 780	800	in the Mobilization for Youth	
A STUDY OF OCCUPATIONAL INFORMATION		Experience. The New Social Work.	
EXCHANGE SYSTEMS IN NORTH CAROLINA		VT 011 715	852
POSTSECONDARY INSTITUTIONS. CENTER		Project PRIDE (Prescribed	
RESEARCH AND DEVELOPMENT REPORT NO.		Reinforcement Involving	
8.		Differentiated Education).	
PROGRAM ATTITUDES		VT 011 804	794
VT 011 580	783	Good Training, Good Jobs: MDTA.	
Training and Technology Project; A		Facts for Manpower Administrators.	
Study of Trainee Attitudes in a		VT 011 827	855
Manpower Training Program.		The General Education Development	
PROGRAM CONTENT		(GED) Program at Training and	
VT 011 011	774	Technology.	
Citizenship Training for		VT 011 860	798
Vocational-Technical Education		Guidelines for an Extension	
Students in Secondary Schools.		Educational Program in	
PROGRAM COORDINATION		Transportation.	
VT 006 685	764	PROGRAM DEVELOPMENT	
The Development of Post-High School		VT 009 758	766
Technical-Vocational Education in		Approval Criteria for Area	
Oklahoma.		Secondary Vocational Centers in	
VT 011 742	790	Illinois.	
Implications for Suggested		VT 010 914	771
Coordination by the Vocational		Developing Our Wasted Human	
Education Amendments of 1968 and		Resources.	
Other Legislation.		VT 010 944	846
VT 011 908	799	A Coordinated Program of Vocational	
First Annual Report of the Advisory		Rehabilitation and Special	
Council for Technical-Vocational		Educational Services for the	
Education in Texas.		Retarded.	
PROGRAM COSTS		VT 011 408	778
VT 011 681	787	Some Guidelines for Successful	
Consolidated Program Information		Police-Community Relations Training	
Report (CPIR): Florida School		Programs.	
Districts, 1968-69.		VT 011 410	779
VT 011 828	796	New Strategies for	
Status of Adult Vocational		Vocational-Technical Education in	
Education in Utah.		Urban America.	
PROGRAM DESCRIPTIONS		VT 011 435	779
VT 008 531	765	New Patterns of Health Care: The	
Vocational Education: A Feasibility		Physician's Assistant.	
Study for the Suburbs of Tomorrow.		VT 011 586	783
Vol. I.		Preparation of Technicians for	
VT 010 136	768	Environmental Control.	
Programs for Career Opportunities		VT 011 653	785
in Child Development.		Further Education for Technicians.	
VT 011 193 ED 043 734	776	VT 011 654	785
INNOVATIVE PROGRAMS IN INDUSTRIAL		Education for the Printing	
ARTS.		Industry.	
VT 011 372	777	VT 011 656	786
School to Employment Program.		Further Education for Operatives.	
Project Step Report--1968-1969.		VT 011 657	787
		Human Resources and New Systems of	
		Vocational Training and	
		Apprenticeship. A Summary.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 692	788	VT 011 475	850
Post Secondary Distributive Education.		ED 042 905	
VT 011 766	791	CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	
ED 042 926		VT 011 552	782
GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 011 836	796	VT 011 681	787
ED 043 766		Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.	
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.		VT 011 684	835
VT 011 860	798	ED 043 742	
Guidelines for an Extension Educational Program in Transportation.		A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	
VT 011 908	799	VT 011 692	788
First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.		Post Secondary Distributive Education.	
PROGRAM EFFECTIVENESS		VT 011 770	836
VT 011 012	834	Assessment of Educational Programs.	
Survey of Graduates of the Joseph Bulova School of Watchmaking.		VT 011 772	837
VT 011 684	835	A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.	
ED 043 742		VT 011 777	792
A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.		Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).	
VT 011 965	840	VT 011 778	792
ED 043 785		Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).	
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.		VT 011 798	793
PROGRAM EVALUATION		Ohio Advisory Council for Vocational Education, First Report.	
VT 008 531	765	VT 011 848	837
Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.		ED 043 767	
VT 010 073	833	AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	
Analysis of Work Release for Felons in Minnesota.		VT 011 859	838
VT 010 436	833	ED 043 770	
Training for the Automotive Trades in New York City.		AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.	
VT 010 712	844	VT 011 867	857
ED 042 888		Evaluation of a Program of Training for Day Care Attendants.	
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.		VT 011 875	857
VT 010 982	834	ED 043 772	
Skill Training for the Disadvantaged: Problems of Assessment.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
VT 011 012	834	VT 011 908	799
Survey of Graduates of the Joseph Bulova School of Watchmaking.		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 018	774	VT 011 927	839
High School Aviation Aerospace Education Status Report.		ED 043 776	
VT 011 019	834	A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
The Extent of Registered Apprentice Training in New York State, 1967.			
VT 011 076	835		
A Concerned Texas.			
VT 011 408	778		
Some Guidelines for Successful Police-Community Relations Training Programs.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 943      ED 043 780	800	VT 011 552	782
A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 011 959	839	VT 011 692	788
Tentative Standards of the Committee on Occupational Education.		Post Secondary Distributive Education.	
VT 011 966      ED 043 786	801	VT 011 727      ED 043 754	881
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.		BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.	
PROGRAM EVALUATION: *BEHAVIORAL OBJECTIVES		VT 011 742	790
VT 011 638	861	Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.		VT 011 771      ED 042 927	791
PROGRAM GUIDES		COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.	
VT 011 692	788	VT 011 825	795
Post Secondary Distributive Education.		Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	
PROGRAM IMPROVEMENT		VT 011 836      ED 043 766	796
VT 010 323      ED 042 881	768	GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.	
A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).		VT 011 876	798
VT 011 019	834	An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	
The Extent of Registered Apprentice Training in New York State, 1967.		VT 011 964      ED 043 784	801
VT 011 077	775	PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
Health Manpower Annual Conference, 1969.		PROGRAMED INSTRUCTION	
VT 011 096	869	VT 009 381	876
The Preparation of Professional Personnel for Vocational Technical Education.		The Discovery Method in Training.	
VT 011 654	785	PROJECT MINI SCORE	
Education for the Printing Industry.		VT 011 749      ED 043 757	836
VT 011 798	793	DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	
Ohio Advisory Council for Vocational Education, First Report.		PROJECT TRAINING METHODS	
VT 011 910      ED 043 775	799	VT 011 702      ED 042 913	880
RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.		THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	
VT 011 957	801	PROMOTION (OCCUPATIONAL)	
Operational Policies of the Committee on Occupational Education.		VT 011 630      ED 042 055	850
PROGRAM PLANNING		GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	
VT 011 090	847	VT 011 701      ED 043 750	852
Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.		OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.	
VT 011 364	777	PSYCHIATRIC AIDES	
A Plan for Career Development in the Public Schools of the District of Columbia.		VT 011 700      ED 043 749	851
		MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 708 ED 042 916	852	VT 011 876	798
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.		An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	
VT 011 724 ED 042 918	853	VT 011 878	838
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		Development of a Scale to Measure Attitudes Toward Vocational Education.	
VT 011 725 ED 043 753	884	VT 011 892	798
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.		Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.	
VT 011 742	790	VT 011 894 ED 043 774	799
Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.		FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	
VT 011 745 ED 043 756	790	VT 011 905	838
COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.		A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	
VT 011 749 ED 043 757	836	VT 011 908	799
DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 758	885	VT 011 910 ED 043 775	799
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).		RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
VT 011 771 ED 042 927	791	VT 011 942 ED 043 779	800
COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.		NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.	
VT 011 774	826	VT 011 943 ED 043 780	800
A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.		A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	
VT 011 778	792	VT 011 959	839
Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).		Tentative Standards of the Committee on Occupational Education.	
VT 011 780 ED 043 759	806	VT 011 964 ED 043 784	801
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
VT 011 786	866	VT 012 031	858
A Conversation with Lynda.		Vocational Education and Poverty.	
VT 011 798	793	VT 012 164	806
Ohio Advisory Council for Vocational Education, First Report.		Occupational Preparation, K-12 and Beyond.	
VT 011 799	794	VT 012 323	802
Career Education in Oregon.		Vocational Education: The Bridge Between Man and His Work. Publication 1.	
VT 011 802	794	VT 012 444 ED (SEE APR '71 RIE)	886
A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education.		Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	
VT 011 859 ED 043 770	838		
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
PSYCHOMOTOR SKILLS		VT 011 630 ED 042 055	850
VT 009 394	832	GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	
Skill and Operative Selection for Fine Manual Tasks.		VT 011 751	854
VT 011 631 ED 043 739	878	Black Builders; A Job Program that Works.	
TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.			
PSYCHOSOCIAL PROBLEMS		RACIAL INTEGRATION	
VT 011 700 ED 043 749	851	VT 011 401 ED 042 898	866
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.		SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	
PUBLIC POLICY			
VT 008 243	765	RADIOLOGIC TECHNOLOGISTS	
Federal Programs for the Development of Human Resources. Vol. I.		VT 011 443	819
VT 009 760	767	Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	
Assessing the Economic Scene.		VT 011 444 ED 042 902	820
PUBLIC SCHOOL SYSTEMS		DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	
VT 011 673	822		
The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.		RATING SCALES	
VT 011 674	823	VT 011 758	885
The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.		Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).	
PUBLIC SCHOOLS		VT 011 878	838
VT 011 390	778	Development of a Scale to Measure Attitudes Toward Vocational Education.	
A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.			
Q SORT		RECRUITMENT	
VT 011 634 ED 043 740	871	VT 010 698	770
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).	
QUESTION ANSWER INTERVIEWS		VT 010 700	868
VT 011 579	850	Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).	
Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.		REFERENCE MATERIALS	
VT 011 634 ED 043 740	871	VT 011 706 ED 043 752	790
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.	
QUESTIONNAIRES			
VT 010 115	813	REHABILITATION	
Nevada Health Manpower Program, Part I.		VT 010 179 ED 042 878	843
RACIAL DISCRIMINATION		PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).	
VT 010 885	845	REHABILITATION COUNSELING	
The Negro Worker in the Chicago Labor Market.		VT 011 266	848
		Helping the Handicapped in Rural Areas.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
REHABILITATION PROGRAMS		VT 011 934 ED 043 777	839
VT 010 264 ED 042 879	843	DESIGN FOR A STUDY OF AMERICAN YOUTH.	
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		RESEARCH NEEDS	
RELEVANCE (EDUCATION)		VT 011 770	836
VT 010 071	842	Assessment of Educational Programs.	
Job Training for the Disadvantaged.		VT 011 879 ED 043 773	862
VT 011 589	878	REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
A Profile of Vocational-Technical Education, Quincy, Massachusetts.		VT 011 962 ED 043 782	862
VT 011 693 ED 042 912	789	INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.	
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.		RESEARCH PROJECTS	
VT 011 786	866	VT 009 688 ED 034 053	860
A Conversation with Lynda.		IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.	
VT 011 787	793	VT 010 587 ED 042 886	860
Relevancy in Agricultural Education.		CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.	
VT 011 799	794	VT 011 333 ED 042 896	861
Career Education in Oregon.		REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).	
RELOCATION		VT 011 800 ED 043 762	885
VT 011 615	784	RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.		RESEARCH REVIEWS (PUBLICATIONS)	
REPORTS		VT 007 344 ED 043 728	860
VT 006 312	809	HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.	
Summary of Employment Security Statistical Reports.		VT 011 708 ED 042 916	852
RESEARCH		RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.	
VT 007 344 ED 043 728	860	VT 011 728 ED 042 919	884
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.	
RESEARCH COORDINATING UNITS		VT 011 910 ED 043 775	799
VT 009 688 ED 034 053	860	RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.		RESIDENTIAL SCHOOLS	
VT 011 962 ED 043 782	862	VT 011 927 ED 043 776	839
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.		A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
RESEARCH DESIGN		RESOURCE ALLOCATIONS	
VT 003 298 ED 043 726	808	VT 011 894 ED 043 774	799
MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.		FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	
VT 011 934 ED 043 777	839		
DESIGN FOR A STUDY OF AMERICAN YOUTH.			
VT 011 962 ED 043 782	862		
INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.			
RESEARCH METHODOLOGY			
VT 011 905	838		
A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>RESOURCE MATERIALS</b>		<b>RURAL POPULATION</b>	
VT 011 296	805	VT 009 947	813
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.		Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.	
VT 011 383	778	<b>SAFETY</b>	
The Construction Industry: Selected References, 1960-1969.		VT 011 805	795
VT 011 725 ED 043 753	884	Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.	
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.		<b>SAN FRANCISCO</b>	
<b>RESOURCE UNITS</b>		VT 009 892	812
VT 010 525 ED 042 885	876	Occupational Profile; City of San Francisco.	
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.		<b>SCHEDULE MODULES</b>	
<b>ROLE PERCEPTION</b>		VT 011 473 ED 043 738	781
VT 011 634 ED 043 740	871	THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		<b>SCHOOL COMMUNITY COOPERATION</b>	
<b>RURAL AREAS</b>		VT 011 603 ED 042 912	799
VT 011 742	790	JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	
Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.		VT 011 878	838
VT 011 857	857	Development of a Scale to Measure Attitudes Toward Vocational Education.	
Evaluation of a Program of Training for Day Care Attendants.		<b>SCHOOL HOLDING POWER</b>	
<b>RURAL DEVELOPMENT</b>		VT 011 372	777
VT 010 983	772	School to Employment Program. Project Step Report--1968-1969.	
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		<b>SCHOOL INDUSTRY RELATIONSHIP</b>	
VT 011 474 ED 042 904	849	VT 011 655	786
CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.		Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.	
VT 011 475 ED 042 905	850	<b>SCHOOL SURVEYS</b>	
CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.		VT 006 469	832
<b>RURAL ECONOMICS</b>		An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.	
VT 011 789	827	VT 009 915	842
Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.		A Survey of Special Needs Students in Rhode Island.	
<b>RURAL FARM RESIDENTS</b>		VT 011 018	774
VT 011 789	827	High School Aviation Aerospace Education Status Report.	
Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.		<b>SCHOOL TO EMPLOYMENT PROGRAM</b>	
		VT 011 372	777
		School to Employment Program. Project Step Report--1968-1969.	
		<b>SCHOOL VISITATION</b>	
		VT 011 693 ED 042 912	789
		JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	

SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
SEASONAL EMPLOYMENT		VT 010 987	772
VT 011 198	817	Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).	
Seasonal Unemployment in the Construction Industry. Report and Recommendations.		VT 010 988	773
SECONDARY EDUCATION		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).	
VT 010 502	884	VT 010 990	773
Survey of Vocational Education and Training.		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).	
SECONDARY GRADES			
VT 012 164	806	SEMISKILLED OCCUPATIONS	
Occupational Preparation, K-12 and Beyond.		VT 011 697	824
SECONDARY SCHOOL COUNSELORS		Hiring Standards and Job Performance.	
VT 010 473 ED 042 884	864	SEMISKILLED WORKERS	
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).		VT 009 570	810
SECONDARY SCHOOL STUDENTS		Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.	
VT 010 072 ED 042 877	767	SENIORS	
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.		VT 011 813	828
VT 011 641	785	75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.		SERVICE OCCUPATIONS	
SELECTION		VT 011 579	850
VT 010 698	770	Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.	
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		VT 011 814	828
SELF CONCEPT		Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	
VT 009 596	833	VT 011 858	856
Measurement of Attitudinal Changes by Means of an Adjective Check List.		Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).	
VT 011 009	877	SIMULATED ENVIRONMENT	
The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.		VT 011 848 ED 043 767	837
VT 011 769	826	AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	
Motivational Conflict and Employment Instability.		SIMULATORS	
SELF EVALUATION		VT 010 915	877
VT 011 959	839	The Captive Helicopter as a Training Device.	
Tentative Standards of the Committee on Occupational Education.		SINGAPORE	
SEMINARS		VT 010 988	773
VT 010 367	814	Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).	
Changing Patterns; A Report on the Federal Women's Program Review Seminar.			
VT 010 974	869		
Seminar for Instructors and Directors of Selected Health Related Programs, 1969.			



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
<b>SKILL CENTERS</b>		<b>SOCIOECONOMIC BACKGROUND</b>	
VT 011 552	782	VT 011 813	828
Lincoln Skills Center; The Story of Its Struggles and Successes.		75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	
<b>SKILL DEVELOPMENT</b>		<b>SOCIOECONOMIC INFLUENCES</b>	
VT 009 394	832	VT 011 734 ED 043 755	825
Skill and Operative Selection for Fine Manual Tasks.		DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.	
VT 010 740	804	VT 012 323	802
Training and Technology; Worker Training Curriculum, Phase I.		Vocational Education: The Bridge Between Man and His Work. Publication 1.	
VT 011 757 ED 042 922	826		
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.		<b>SOUTHEAST ASIA</b>	
<b>SKILL OBSOLESCENCE</b>		VT 010 983	772
VT 011 652	861	Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.	
A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.		<b>SPECIAL EDUCATION</b>	
<b>SKILLED LABOR</b>		VT 011 273	804
VT 011 310	818	Program Services Special Needs Workshop, 1968.	
A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.		<b>SPEECH HABITS</b>	
<b>SKILLED OCCUPATIONS</b>		VT 011 009	877
VT 011 739	853	The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.	
Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.		<b>SPEECHES</b>	
VT 011 851 ED 043 769	830	VT 012 164	806
EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.		Occupational Preparation, K-12 and Beyond.	
<b>SKILLED WORKERS</b>		<b>STANDARDS</b>	
VT 006 270	809	VT 011 777	792
Meeting Manpower Shortages, A Review of Reported Experience.		Meeting on Vocational Education Accreditation Chicago, Ill., Apr. 30, 1970).	
VT 009 570	810	VT 011 957	801
Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.		Operational Policies of the Committee on Occupational Education.	
VT 011 576	821	VT 011 959	839
Apprenticeship in Arizona.		Tentative Standards of the Committee on Occupational Education.	
<b>SOCIAL STUDIES</b>		<b>STATE PROGRAMS</b>	
VT 011 780 ED 043 759	806	VT 009 758	766
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		Approval Criteria for Area Secondary Vocational Centers in Illinois.	
<b>SOCIALLY DISADVANTAGED</b>		VT 011 090	847
VT 011 724 ED 042 918	853	Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.	
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		VT 011 876	798
		An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
STATE STANDARDS		STUDENT NEEDS	
VT 010 650 ED 042 887	769	VT 009 915	842
GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.		A Survey of Special Needs Students in Rhode Island.	
STATE SUPERVISORS		VT 011 802	794
VT 011 588	784	A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education.	
Job Instruction Training. A Job Analysis and Evaluation Workshop Conference.		VT 011 810	854
STATE SURVEYS		The Teacher of Home Economics; Reaching Out to Those We Teach.	
VT 006 312	809	STUDENT OPINION	
Summary of Employment Security Statistical Reports.		VT 011 683 ED 043 741	787
VT 009 804	812	ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
Manpower Outlook '80: Arizona Agriculture.		STUDENT ORGANIZATIONS	
VT 010 115	813	VT 011 806	795
Nevada Health Manpower Program, Part I.		National Workshop of Professional Leaders in FFA, Proceedings, 1969.	
VT 010 271	868	STUDENT PARTICIPATION	
Qualifications for Technical Teachers in Engineering Technologies.		VT 011 011	774
VT 011 785	792	Citizenship Training for Vocational-Technical Education Students in Secondary Schools.	
Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.		STUDENT TEACHER RELATIONSHIP	
STATISTICAL ANALYSIS		VT 011 691 ED 043 748	880
VT 011 647	822	THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.	
Manpower Directions in New York State 1965-1975, Technical Supplement.		STUDENT TEACHERS	
STATISTICAL DATA		VT 011 801	873
VT 006 312	809	A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.	
Summary of Employment Security Statistical Reports.		STUDENT TEACHING	
STATISTICAL SURVEYS		VT 011 846	873
VT 011 104	816	The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.	
Lewiston-Clarkston Area Manpower Survey.		STUDENTS	
VT 011 580	783	VT 010 554	876
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program.	
STUDENT ATTITUDES		SUBPROFESSIONALS	
VT 011 786	866	VT 010 699	770
A Conversation with Lynda.		Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
STUDENT ENROLLMENT		VT 011 345	818
VT 011 785	792	Technical Manpower, 1966-80.	
Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.		VT 011 700 ED 043 740	851
STUDENT IMPROVEMENT		MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.	
VT 010 525 ED 042 885	876		
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
SUCCESS FACTORS		VT 011 859 ED 043 770	838
VT 011 701 ED 043 750	852	AN INVESTIGATION OF FACTORS	
OCCUPATIONAL STATUS CHANGES FOR		ESSENTIAL TO SELECTING AND	
BLACKS AND NONBLACKS DURING THE		PREPARING ON-THE-JOB TRAINERS FOR A	
FIRST TEN YEARS OF OCCUPATIONAL		POST SECONDARY COOPERATIVE	
EXPERIENCE.		VOCATIONAL-TECHNICAL EDUCATION	
		PROGRAM.	
SUMMER INSTITUTES		SYSTEMS DEVELOPMENT	
VT 010 700	868	VT 011 691 ED 043 748	880
Training and Technology;		THE DEVELOPMENT OF A SYSTEM TO	
Recruitment: In-Service		ANALYZE TEACHER-STUDENT INTERACTION	
Vocational-Technical Teacher		IN JUNIOR HIGH SCHOOL INDUSTRIAL	
Institute (1967).		ARTS CLASSROOMS.	
SUPERVISOR QUALIFICATIONS		TALENT IDENTIFICATION	
VT 011 553	782	VT 011 934 ED 043 777	839
Supervision in the Missouri Wood		DESIGN FOR A STUDY OF AMERICAN	
Products Industry.		YOUTH.	
SUPERVISORY METHODS		TASK PERFORMANCE	
VT 011 588	784	VT 010 554	876
Job Instruction Training. A Job		A Study of The Value of Student	
Analysis and Evaluation Workshop		Exposure to Health Agencies During	
Conference.		the Pre-Clinical Portion of the	
		Practical Nursing Program.	
SUPERVISORY TRAINING		VT 011 631 ED 043 739	878
VT 011 588	784	TRANSFER IN AN INDUSTRIAL ARTS	
Job Instruction Training. A Job		PSYCHOMOTOR TASK AS A FUNCTION OF	
Analysis and Evaluation Workshop		PRACTICE TIME AND TASK COMPLEXITY.	
Conference.		VT 011 719	824
VT 011 859 ED 043 770	838	Identifying Major Tasks Performed	
AN INVESTIGATION OF FACTORS		by Food Service Workers in	
ESSENTIAL TO SELECTING AND		Commercial and Institutional Food	
PREPARING ON-THE-JOB TRAINERS FOR A		Service Establishments.	
POST SECONDARY COOPERATIVE		VT 011 727 ED 043 754	881
VOCATIONAL-TECHNICAL EDUCATION		BUSINESS EDUCATION FOR THE EMERGENT	
PROGRAM.		OFFICE. INTERIM REPORT.	
SUPPLEMENTARY EDUCATIONAL CENTERS		TEACHER ATTITUDES	
VT 011 892	798	VT 011 687 ED 043 745	788
Guidelines for the Development of		AN INVESTIGATION OF ATTITUDES HELD	
the Capital Area Career Center;		BY INDUSTRIAL ARTS EDUCATORS TOWARD	
Program, Staffing, and Structure.		THE QUESTION OF A UNIFORM	
		NATIONWIDE CURRICULUM FOR	
SURVEYS		INDUSTRIAL ARTS.	
VT 010 323 ED 042 881	768	VT 011 801	873
A PLAN TO INCREASE VOCATIONAL		A Measurement of Attitudes of Home	
EDUCATION OPPORTUNITIES THROUGH THE		Economics Student Teachers, Toward	
EXPANSION OF CURRICULUM AND		the Mentally Retarded.	
AVAILABLE FACILITIES. FINAL REPORT		VT 011 810	854
(JULY 1, 1968-JULY 25, 1969).		The Teacher of Home Economics;	
VT 011 672	822	Reaching Out to Those We Teach.	
City Employment in 1969.			
VT 011 798	793	TEACHER CHARACTERISTICS	
Ohio Advisory Council for		VT 010 071	842
Vocational Education, First Report.		Job Training for the Disadvantaged.	
VT 011 813	828		
75,000 High School Seniors, Their		TEACHER EDUCATION	
Educational and Vocational Plans.		VT 009 389	868
Results of a Survey of Indiana's		Articulation of Courses and	
High School Senior Class of 1969.		Curricula for Industrial Teacher	
VT 011 828	796	Preparation.	
Status of Adult Vocational		VT 011 675	371
Education in Utah.		The Development of Performance	
		Objectives for Teacher-Coordinaors	
		of Cooperative Occupational	
		Training Programs.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 685      ED 043 743	871	TEACHER RESPONSIBILITY	
SPECIFIC NEEDS FOR UPDATING		VT 011 703      ED 042 914	789
EDUCATIONAL EXPERIENCES AS REPORTED		PERSONNEL RESPONSIBLE FOR DECISIONS	
BY INSTRUCTORS OF ELECTRONICS IN		INFLUENCING VOCATIONAL EDUCATION IN	
INDUSTRIAL EDUCATION DEPARTMENTS OF		LOCAL SCHOOLS.	
COLLEGES AND UNIVERSITIES.			
VT 011 689      ED 043 747	872	TEACHER SUPPLY AND DEMAND	
AN INVESTIGATION OF OFFERINGS OF		VT 011 096	869
INDUSTRIAL ARTS TEACHER EDUCATION		The Preparation of Professional	
INSTITUTIONS IN THE AREAS OF		Personnel for Vocational Technical	
AUTOMATION AND CYBERNETICS AS		Education.	
COMPARED WITH CURRENT PRACTICES IN			
INDUSTRY.		TEACHERS	
VT 011 707      ED 042 915	872	VT 010 700	868
DEVELOPMENT OF A SELF-INSTRUCTIONAL		Training and Technology;	
PACKAGE ON COOPERATIVE EDUCATION		Recruitment: In-Service	
COORDINATION SKILLS.		Vocational-Technical Teacher	
		Institute (1967).	
TEACHER EDUCATION CURRICULUM		TEACHING	
VT 011 094      ED 042 893	869	VT 011 727      ED 043 754	881
VOCATIONAL COMPETENCY EXAMINATION		BUSINESS EDUCATION FOR THE EMERGENT	
FOR PREPARATORY TEACHERS AND		OFFICE. INTERIM REPORT.	
TEACHER COORDINATORS IN VOCATIONAL			
BUSINESS AND OFFICE EDUCATION,		TEACHING METHODS	
1970.		VT 009 381	876
TEACHER EVALUATION		The Discovery Method in Training.	
VT 011 094      ED 042 893	869	VT 011 635      ED 042 057	879
VOCATIONAL COMPETENCY EXAMINATION		THE EFFECT OF TWO APPROACHES TO	
FOR PREPARATORY TEACHERS AND		VISUAL INFORMATION TRANSMISSION ON	
TEACHER COORDINATORS IN VOCATIONAL		STUDENT INFORMATIONAL ACHIEVEMENT	
BUSINESS AND OFFICE EDUCATION,		AND PICTORIAL RECOGNITION.	
1970.		VT 011 637      ED 042 058	880
TEACHER IMPROVEMENT		COMPARATIVE EFFECTIVENESS OF	
VT 010 525      ED 042 885	876	VARIATIONS IN THE DEMONSTRATION	
THE EFFECT OF IN-SERVICE EDUCATION		METHOD OF TEACHING A COMPLEX	
AND RESOURCE UNIT COMPONENTS ON		MANIPULATIVE SEQUENCE.	
TEACHER AND STUDENT LEARNING.		VT 011 702      ED 042 913	880
RESEARCH SERIES IN OCCUPATIONAL		THE PROJECT METHOD IN DISTRIBUTIVE	
EDUCATION NO. 12.		EDUCATION: STUDENT ACHIEVEMENT IN	
VT 011 910      ED 043 775	799	SELECTED CONTENT AREAS.	
RESEARCH VISIBILITY: IMPROVING		TEACHING PROCEDURES	
VOCATIONAL EDUCATION.		VT 011 015	878
TEACHER PARTICIPATION		Approaches to Electronics	
VT 011 015	878	Troubleshooting as Viewed by	
Approaches to Electronics		Community College Electronics	
Troubleshooting as Viewed by		Teachers.	
Community College Electronics		TEACHING SKILLS	
Teachers.		VT 011 233	870
TEACHER QUALIFICATIONS		Level of Mechanics Skills,	
VT 010 271	868	Abilities, and Understandings	
Qualifications for Technical		Needed and Possessed by Teachers of	
Teachers in Engineering		Agriculture.	
Technologies.		TEACHING TECHNIQUES	
VT 011 233	870	VT 011 009	877
Level of Mechanics Skills,		The Acquisition of Standard English	
Abilities, and Understandings		Speech Habits Using Second-Language	
Needed and Possessed by Teachers of		Techniques, Summary Report.	
Agriculture.		VT 011 760      ED 042 923	882
TEACHER RESPONSE		AN EXPERIMENTAL EVALUATION OF THE	
VT 011 015	878	EFFECTIVENESS OF AN AUDIO-TUTORIAL	
Approaches to Electronics		METHOD IN TEACHING VOCATIONAL	
Troubleshooting as Viewed by		AGRICULTURE.	
Community College Electronics		VT 011 810	854
Teachers.		The Teacher of Home Economics;	
		Reaching Out to Those We Teach.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
TECHNICAL ASSISTANCE		VT 012 484 ED (SEE APR '71 RIE)	886
VT 011 451 ED 043 737	780	Microfiche Collection of	
BUILDING INSTITUTIONS TO SERVE		Clearinghouse Documents Reported in	
AGRICULTURE. A SUMMARY REPORT OF		Abstracts of Research and Related	
THE CIC-AID RURAL DEVELOPMENT		Materials in Vocational and	
RESEARCH PROJECT.		Technical Education (ARM), Fall	
		1970.	
TECHNICAL EDUCATION		TECHNICAL OCCUPATIONS	
VT 010 502	884	VT 011 345	818
Survey of Vocational Education and		Technical Manpower, 1966-80.	
Training.			
VT 010 650 ED 042 887	769	TECHNOLOGICAL ADVANCEMENT	
GUIDELINES FOR ESTABLISHING AND		VT 009 633	811
EVALUATING HIGH SCHOOL TECHNICAL		Technological Changes in Sawmill	
ELECTROMECHANICS PROGRAMS.		Occupations.	
VT 010 694	769	VT 011 652	861
Training and Technology; TAT		A Framework for Studying	
Industrial Conference Proceedings,		Technological Change and Its Impact	
1968.		on the Manpower Situation in	
VT 010 699	770	Hawaii.	
Training and Technology; First			
Cycle Report, Industrial Skill and		TEST CONSTRUCTION	
Technical Training Program.		VT 011 934 ED 043 777	839
VT 010 740	804	DESIGN FOR A STUDY OF AMERICAN	
Training and Technology; Worker		YOUTH.	
Training Curriculum, Phase I.			
VT 011 017	774	TEST VALIDITY	
Survey of Federal Aviation Agency		VT 009 394	832
Approved Mechanic School Programs.		Skill and Operative Selection for	
VT 011 076	835	Fine Manual Tasks.	
A Concerned Texas.			
VT 011 146	817	TESTING	
The Feasibility of Oregon Community		VT 009 394	832
Colleges and Secondary Schools		Skill and Operative Selection for	
offering Civil Aviation		Fine Manual Tasks.	
Occupational Education.			
VT 011 168	775	TESTS	
Membership Directory of Accredited		VT 011 094 ED 042 893	869
Private Trade and Technical		VOCATIONAL COMPETENCY EXAMINATION	
Schools, 1969-70.		FOR PREPARATORY TEACHERS AND	
VT 011 410	779	TEACHER COORDINATORS IN VOCATIONAL	
New Strategies for		BUSINESS AND OFFICE EDUCATION,	
Vocational-Technical Education in		1970.	
Urban America.			
VT 011 586	783	THAILAND	
Preparation of Technicians for		VT 010 990	773
Environmental Control.		Seminar on Approaches to	
VT 011 720	824	Cooperation Between Industries and	
Skills and Knowledge Needed by		Institutions in Technical Training	
Personnel in Architectural		(Bangkok, Thailand, October, 1965).	
Drafting.			
VT 011 785	792	TRADE AND INDUSTRIAL EDUCATION	
Career Programs;		VT 009 381	876
Technical-Vocational Education.		The Discovery Method in Training.	
Illinois Public Junior Colleges.		VT 009 606	864
VT 011 802	794	Career Opportunities Through	
A Study of Occupational Education		Apprenticeship.	
Needs of the Rock Springs/Green		VT 010 146	843
River, Wyoming Area with		Training and Technology: Organized	
Implications for		Labor's Participation in a Training	
Vocational-Technical Education.		Experiment.	
VT 012 444 ED (SEE APR '71 RIE)	886	VT 010 241	768
Abstracts of Research and Related		National Policy of Apprenticeship	
Materials in Vocational and		for Machinist (Automatic	
Technical Education (ARM), Fall		Screw-Machines).	
1970.		VT 010 436	833
		Training for the Automotive Trades	
		in New York City.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 010 652	769	TRADE AND INDUSTRIAL TEACHERS	
National Apprenticeship and		VT 011 634 ED 043 740	871
Training Standards for Cement		PERCEPTIONS OF THE ROLE OF THE	
Masonry, Asphalt, and Composition		TEACHER OF VOCATIONAL-INDUSTRIAL	
Trade.		SUBJECTS IN SELECTED AREA	
VT 011 010	864	VOCATIONAL SCHOOLS IN MISSOURI.	
The Ohio Apprenticeship Notebook			
for School Counselors.		TRAINEES	
VT 011 019	834	VT 010 698	770
The Extent of Registered Apprentice		Training and Technology Project	
Training in New York State, 1967.		Recruitment. 1966-67 Worker	
VT 011 168	775	Training Program (and March, 1967	
Membership Directory of Accredited		Supplement on Welding Trainees).	
Private Trade and Technical		VT 011 580	783
Schools, 1969-70.		Training and Technology Project; A	
VT 011 186	865	Study of Trainee Attitudes in a	
Careers in the Logging Industry.		Manpower Training Program.	
VT 011 383	778		
The Construction Industry: Selected		TRAINERS	
References, 1960-1969.		VT 011 859 ED 043 770	838
VT 011 390	778	AN INVESTIGATION OF FACTORS	
A Report of the Enrollment of		ESSENTIAL TO SELECTING AND	
Apprentices in Related Technical		PREPARING ON-THE-JOB TRAINERS FOR A	
Classes in California Public		POST SECONDARY COOPERATIVE	
Schools.		VOCATIONAL-TECHNICAL EDUCATION	
VT 011 478	820	PROGRAM.	
Occupations in the Film Processing			
and Finishing Industry.		TRAINING	
VT 011 576	821	VT 007 637 ED 043 729	764
Apprenticeship in Arizona.		ENACTMENTS BY THE 90TH CONGRESS	
VT 011 653	785	CONCERNING EDUCATION AND TRAINING,	
Further Education for Technicians.		FIRST SESSION 1967, PART	
VT 011 654	785	2--APPENDIX.	
Education for the Printing		VT 010 740	804
Industry.		Training and Technology; Worker	
VT 011 655	786	Training Curriculum, Phase I.	
Partnership Incorporated; An		VT 010 996	815
Account of a Joint Effort to Solve		International Labour Conference,	
the Problems of Apprentice		Special Youth Employment and	
Training.		Training Schemes for Development	
VT 011 656	786	Purposes, 1969.	
Further Education for Operatives.		VT 011 657	787
VT 011 805	795	Human Resources and New Systems of	
Safety and Health Regulations for		Vocational Training and	
Ship Repairing, Shipbuilding and		Apprenticeship. A Summary.	
Shipbreaking.		VT 011 706 ED 043 752	790
VT 011 849 ED 043 768	797	ENACTMENTS BY THE 90TH CONGRESS	
EDUCATION AND TRAINING FOR		CONCERNING EDUCATION AND TRAINING.	
INDUSTRIAL DEVELOPMENT IN INDIA;		SECOND SESSION 1968.	
THE PROBLEM OF LINKAGES.			
VT 011 851 ED 043 769	830	TRAINING ALLOWANCES	
EDUCATION, TRAINING AND		VT 011 866	856
PRODUCTIVITY: A STUDY OF SKILLED		Two Years of Outreach, 1968-1970.	
WORKERS IN TWO FACTORIES IN SOUTH			
INDIA.		TRAINING AND TECHNOLOGY	
VT 011 965 ED 043 785	840	VT 010 146	843
ISSUES IN OCCUPATIONAL EDUCATION		Training and Technology: Organized	
AND TRAINING: A CASE STUDY IN		Labor's Participation in a Training	
JORDAN.		Experiment.	
VT 011 966 ED 043 786	801	VT 010 698	770
ISSUES IN OCCUPATIONAL EDUCATION		Training and Technology Project	
AND TRAINING: A CASE STUDY IN		Recruitment. 1966-67 Worker	
TUNISIA.		Training Program (and March, 1967	
		Supplement on Welding Trainees).	
		VT 010 699	770
		Training and Technology; First	
		Cycle Report, Industrial Skill and	
		Technical Training Program.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 010 740	804	UNEMPLOYED	
Training and Technology; Worker		VT 006 270	809
Training Curriculum, Phase I.		Meeting Manpower Shortages, A	
VT 011 739	853	Review of Reported Experience.	
Training and Technology;		VT 009 760	767
Characteristics of the Worker		Assessing the Economic Scene.	
Training Graduate from Appalachia.		VT 009 929	842
TRAINING AND TECHNOLOGY INDUSTRIAL		Bridging the Employment Gap:	
CONFERENCE, MARCH 27-28, 1968, OAK		Strategies for Success, and Causes,	
RIDGE, TENNESSEE		Consequences, and Cures for Labor	
VT 010 694	769	Turnover Problems.	
Training and Technology; TAT		VT 010 146	843
Industrial Conference Proceedings,		Training and Technology: Organized	
1968.		Labor's Participation in a Training	
Experiment.		VT 010 694	769
TRAINING OBJECTIVES		Training and Technology; TAT	
VT 011 849	177	Industrial Conference Proceedings,	
ED 043 762		1968.	
EDUCATION AND TRAINING FOR		VT 010 739	815
INDUSTRIAL DEVELOPMENT IN INDIA;		Unemployment Insurance Claimants,	
THE PROBLEM OF LINKAGES.		1963-1964.	
TRAINING TECHNIQUES		VT 011 004	847
VT 010 554	876	ED 042 892	
A Study of The Value of Student		RESOLVING THE MANPOWER PARADOX:	
Exposure to Health Agencies During		WORKERS WITHOUT JOBS: JOBS WITHOUT	
the Pre-Clinical Portion of the		WORKERS. STATE OF NEW	
Practical Nursing Program.		YORK--LEGISLATIVE DOCUMENT	
VT 010 915	877	(1969)--NUMBER 84.	
The Captive Helicopter as a		VT 011 156	848
Training Device.		ED 043 733	
TRANSFER OF TRAINING		NEW CAREERS, A BASIC STRATEGY	
VT 007 815	809	AGAINST POVERTY.	
ED 042 873		VT 011 769	826
TRANSFERRING MILITARY EXPERIENCE TO		Motivational Conflict and	
CIVILIAN JOBS. A STUDY OF SELECTED		Employment Instability.	
AIR FORCE VETERANS		VT 011 814	828
MANPOWER/AUTOMATION RESEARCH		Training and Technology; Existing	
MONOGRAPH NO. 8.		and Forecasted Employment in	
VT 011 631	878	Selected Service Occupations (East	
ED 043 739		Tennessee).	
TRANSFER IN AN INDUSTRIAL ARTS		UNEMPLOYMENT	
PSYCHOMOTOR TASK AS A FUNCTION OF		VT 009 598	811
PRACTICE TIME AND TASK COMPLEXITY.		Labor Force Status and Other	
TRANSPORTATION		Characteristics in Three	
VT 011 860	798	Indianapolis Neighborhoods.	
Guidelines for an Extension		VT 010 739	815
Educational Program in		Unemployment Insurance Claimants,	
Transportation.		1963-1964.	
TUNISIA		UNEMPLOYMENT INSURANCE	
VT 011 966	801	VT 010 739	815
ED 043 786		Unemployment Insurance Claimants,	
ISSUES IN OCCUPATIONAL EDUCATION		1963-1964.	
AND TRAINING: A CASE STUDY IN		UNITED NATIONS	
TUNISIA.		VT 010 179	843
ED 042 878		PROCEEDINGS OF THE PANEL ON	
TYPEWRITING		INTERNATIONAL REHABILITATION	
VT 007 242	804	(WASHINGTON, D.C., MAY 2, 1968).	
ED 043 727		UNSKILLED WORKERS	
TERMINAL PERFORMANCE OBJECTIVES FOR		VT 009 570	810
A PHASED TYPING PROGRAM IN BUSINESS		Workers' Attitudes and the	
EDUCATION.		Acceptability of Shiftwork in New	
UNDEREMPLOYED		Zealand Manufacturing Industry.	
VT 010 146	843		
Training and Technology: Organized			
Labor's Participation in a Training			
Experiment.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 858	856	VOCATIONAL AGRICULTURE	
Training and Technology:		VT 011 736 ED 042 921	881
Identification of Potential		EXPERIMENTAL EVALUATION OF	
Training Resources for Service		DEMONSTRATIONS IN TEACHING	
Occupations (East Tennessee).		VOCATIONAL AGRICULTURE.	
URBAN POPULATION		VT 011 760 ED 042 923	882
VT 009 947	813	AN EXPERIMENTAL EVALUATION OF THE	
Job-Related Expenditures and		EFFECTIVENESS OF AN AUDIO-TUTORIAL	
Management Practices of Gainfully		METHOD IN TEACHING VOCATIONAL	
Employed Wives in North Carolina.		AGRICULTURE.	
URBAN SCHOOLS		VT 011 772	837
VT 011 410	779	A Comparison of the Agricultural	
New Strategies for		Mechanics Instructional Programs of	
Vocational-Technical Education in		Selected Washington High Schools to	
Urban America.		A Model Program.	
URBAN SLUMS		VOCATIONAL AGRICULTURE TEACHERS	
VT 010 979 ED 042 891	846	VT 011 772	837
MANPOWER INFORMATION FOR URBAN		A Comparison of the Agricultural	
POVERTY AREAS.		Mechanics Instructional Programs of	
UTAH		Selected Washington High Schools to	
VT 011 229 ED 040 292	776	A Model Program.	
SELECTED HEALTH SERVICE		VT 011 846	873
OCCUPATIONS.		The Feasibility of Using Videotape	
VERBAL LEARNING		Techniques in Pre-Service Teacher	
VT 011 009	877	Education in Agriculture.	
The Acquisition of Standard English		VOCATIONAL COUNSELING	
Speech Habits Using Second-Language		VT 010 473 ED 042 884	864
Techniques, Summary Report.		ONE PARADIGM FOR	
VETERANS		VOCATIONAL-TECHNICAL COUNSELING	
VT 011 866	856	(SANTA FE JUNIOR COLLEGE WORKSHOP,	
Two Years of Outreach, 1968-1970.		GAINSVILLE, FLORIDA, JUNE 1969).	
VETERANS EDUCATION		VT 011 010	864
VT 011 866	856	The Ohio Apprenticeship Notebook	
Two Years of Outreach, 1968-1970.		for School Counselors.	
VIDEO TAPE RECORDINGS		VOCATIONAL DEVELOPMENT	
VT 011 433 ED 042 901	870	VT 011 544	821
REMOTE FEEDBACK TECHNIQUES FOR		Stepping Stones in Nursing	
INSERVICE EDUCATION. ASSESSMENT OF		Education.	
MICRO-TEACHING AND VIDEO RECORDING		VOCATIONAL EDUCATION	
IN VOCATIONAL AND TECHNICAL TEACHER		VT 001 106 ED 043 725	764
EDUCATION: PHASE X--INTERIM REPORT.		THE LABOR MARKET FRAMEWORK OF JOB	
RESEARCH AND DEVELOPMENT SERIES NO.		DEVELOPMENT: SOME PROBLEMS AND	
40.		PROSPECTS. MANPOWER TRAINING	
VT 011 846	873	SERIES.	
The Feasibility of Using Videotape		VT 006 685	764
Techniques in Pre-Service Teacher		The Development of Post-High School	
Education in Agriculture.		Technical-Vocational Education in	
VISUAL LEARNING		Oklahoma.	
VT 011 635 ED 042 057	879	VT 008 531	765
THE EFFECT OF TWO APPROACHES TO		Vocational Education: A Feasibility	
VISUAL INFORMATION TRANSMISSION ON		Study for the Suburbs of Tomorrow.	
STUDENT INFORMATIONAL ACHIEVEMENT		Vol. I.	
AND PICTORIAL RECOGNITION.		VT 009 642 ED 042 376	766
VOCATIONAL ADJUSTMENT		APPLICATION OF THE EXTENDED SCHOOL	
VT 010 751	845	YEAR CONCEPT TO A BOARD OF	
The Vocational Adjustment of		COOPERATIVE EDUCATIONAL SERVICES	
Special Class Students.		OCCUPATIONAL TRAINING PROGRAM.	
		VT 009 688 ED 034 053	860
		IDAHO RESEARCH COORDINATING UNIT	
		FOR VOCATIONAL EDUCATION. FINAL	
		REPORT.	
		VT 009 758	766
		Approval Criteria for Area	
		Secondary Vocational Centers in	
		Illinois.	



## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 009 915	842	VT 011 296	805
A Survey of Special Needs Students in Rhode Island.		Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.	
VT 010 072 ED 042 877	767	VT 011 364	777
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.		A Plan for Career Development in the Public Schools of the District of Columbia.	
VT 010 135	767	VT 011 401 ED 042 898	866
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.		SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	
VT 010 323 ED 042 881	768	VT 011 410	779
A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).		New Strategies for Vocational-Technical Education in Urban America.	
VT 010 473 ED 042 884	864	VT 011 439 ED 043 736	779
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).		EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	
VT 010 502	884	VT 011 469 ED 042 903	780
Survey of Vocational Education and Training.		LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	
VT 010 587 ED 042 886	860	VT 011 539 ED 042 907	781
CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.		PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	
VT 010 700	868	VT 011 540 ED 042 908	781
Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).		THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.	
VT 010 701	771	VT 011 552	782
Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 010 914	771	VT 011 560 ED 042 046	783
Developing Our Wasted Human Resources.		AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.	
VT 010 935	771	VT 011 589	878
Directions '70, Summary of A Vocational Education Leadership Conference, 1969.		A Profile of Vocational-Technical Education, Quincy, Massachusetts.	
VT 010 952	772	VT 011 641	785
A Principle in Time.		Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.	
VT 010 994 ED 043 730	773	VT 011 657	787
TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.		Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.	
VT 011 011	774	VT 011 703 ED 042 914	789
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.		PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.	
VT 011 076	835	VT 011 705 ED 043 751	789
A Concerned Texas.		THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.	
VT 011 136 ED 043 732	775		
IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).			
VT 011 273	804		
Program Services Special Needs Workshop, 1968.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 011 708 ED 042 916	852	VT 011 876	798
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.		An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	
VT 011 724 ED 042 918	853	VT 011 878	838
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		Development of a Scale to Measure Attitudes Toward Vocational Education.	
VT 011 725 ED 043 753	884	VT 011 892	798
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.		Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.	
VT 011 742	790	VT 011 894 ED 043 774	799
Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.		FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	
VT 011 745 ED 043 756	790	VT 011 905	838
COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.		A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	
VT 011 749 ED 043 757	836	VT 011 908	799
DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 758	885	VT 011 910 ED 043 775	799
Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).		RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
VT 011 771 ED 042 927	791	VT 011 942 ED 043 779	800
COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.		NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.	
VT 011 774	826	VT 011 943 ED 043 780	800
A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.		A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	
VT 011 778	792	VT 011 959	839
Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).		Tentative Standards of the Committee on Occupational Education.	
VT 011 780 ED 043 759	806	VT 011 964 ED 043 784	801
SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.		PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
VT 011 786	866	VT 012 031	858
A Conversation with Lynda.		Vocational Education and Poverty.	
VT 011 798	793	VT 012 164	806
Ohio Advisory Council for Vocational Education, First Report.		Occupational Preparation, K-12 and Beyond.	
VT 011 799	794	VT 012 323	802
Career Education in Oregon.		Vocational Education: The Bridge Between Man and His Work. Publication 1.	
VT 011 802	794	VT 012 444 ED (SEE APR '71 RIE)	886
A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education.		Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	
VT 011 859 ED 043 770	838		
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.			

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
VT 012 484 ED (SEE APR '71 RIE) 886 Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.		VT 011 012 834 Survey of Graduates of the Joseph Bulova School of Watchmaking.	
VOCATIONAL EDUCATION ACT OF 1963		VOCATIONAL HIGH SCHOOLS	
VT 012 323 802 Vocational Education: The Bridge Between Man and His Work. Publication 1.		VT 010 406 833 Training for the Automotive Trades in New York City.	
VOCATIONAL EDUCATION AMENDMENTS OF 1968		VOCATIONAL REHABILITATION	
VT 011 136 ED 043 732 775 IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).		VT 010 264 ED 042 879 843 EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	
VOCATIONAL EDUCATION AND INDUSTRY CONFERENCE, JULY 11-12, 1967, OAK RIDGE, TENNESSEE		VT 010 944 846 A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.	
VT 010 701 771 Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.		VT 011 014 847 These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.	
VOCATIONAL EDUCATION LEADERSHIP CONFERENCE, SACRAMENTO, CALIFORNIA, NOVEMBER 20-21, 1969		VT 011 090 847 Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.	
VT 010 935 771 Directions '70, Summary of A Vocational Education Leadership Conference, 1969.		VT 011 266 848 Helping the Handicapped in Rural Areas.	
VOCATIONAL EDUCATION TEACHERS		VT 011 800 ED 043 762 985 RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
VT 011 096 869 The Preparation of Professional Personnel for Vocational Technical Education.		VT 011 824 855 Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.	
VT 011 433 ED 042 901 870 REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.		VOCATIONAL SCHOOLS	
VT 011 634 ED 043 740 871 PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		VT 011 824 855 Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.	
VT 011 703 ED 042 914 789 PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.		VOCATIONAL TRAINING CENTERS	
VOCATIONAL FOLLOWUP		VT 009 642 ED 042 876 766 APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.	
VT 006 861 832 The Utilization of Associate Degree Nursing Graduates in General Hospitals.		VT 011 927 ED 043 776 839 A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
		WATCHMAKERS	
		VT 011 012 834 Survey of Graduates of the Joseph Bulova School of Watchmaking.	
		WELDING	
		VT 011 757 ED 042 922 826 COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.	

## SUBJECT AND IDENTIFIER INDEX

	PAGE		PAGE
WESTERN EUROPE		VT 011 658	51
VT 011 293	848	Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	
Special Job Creation for the Hard-to-Employ in Western Europe.			
WORK ATTITUDES		YOUTH LEADERS	
VT 011 328 ED 043 735	849	VT 011 806	795
OPERATION JOB START. FINAL REPORT.		National Workshop of Professional Leaders in PFA, Proceedings, 1969.	
WORK EXPERIENCE PROGRAMS		YOUTH OPPORTUNITY CENTERS	
VT 010 073	833	VT 010 375 ED 042 882	844
Analysis of Work Release for Felons in Minnesota.		REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.	
VT 010 472	844		
Neighborhood Youth Corps--New Careers.			
VT 010 712 ED 042 888	844		
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.			
VT 011 600 ED 042 053	805		
HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.			
WORK STUDY PROGRAMS			
VT 011 372	777		
School to Employment Program. Project Step Report--1968-1969.			
WORKING WOMEN			
VT 003 396 ED 042 872	808		
MANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).			
VT 009 885	812		
Working Mothers: A Selected Annotated Bibliography.			
VT 009 947	813		
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.			
VT 011 734 ED 043 755	825		
DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.			
WORKSHOPS			
VT 010 473 ED 042 884	864		
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).			
VT 011 700 ED 043 749	951		
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.			
VT 011 854	856		
Home Economics and the Disadvantaged.			
YOUTH EMPLOYMENT			
VT 010 996	815		
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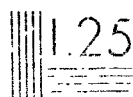
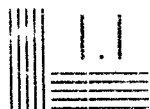


## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
ADAIR, KENT T. VT 011 553 Supervision in the Missouri Wood Products Industry.	782	AMERICAN HOME ECONOMICS ASSOCIATION, WASHINGTON, D.C. VT 007 344 ED 043 728 HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.	860
AGENCY FOR INTERNATIONAL DEVELOPMENT (DEPT. OF STATE), WASHINGTON, D.C. VT 011 451 ED 043 737 BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.	780	AMERICAN INSTITUTES FOR RESEARCH, PITTSBURGH, PA. VT 011 934 ED 043 777 DESIGN FOR A STUDY OF AMERICAN YOUTH.	839
AGRICULTURAL RESEARCH SERVICE (DOA), WASHINGTON, D.C. VT 009 947 Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.	813	AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL. VT 011 792 ED 043 760 DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969- 1970 AND 1970 SPRING SUPPLEMENT.	793
AL-BUKHARI, NAJATI MOHAMMED AMIN VT 011 965 ED 043 785 ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	840	AMERICAN MEDICAL ASSOCIATION, CHICAGO, ILL. COUNCIL ON MEDICAL EDUCATION. VT 011 730 Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.	805
VT 011 966 ED 043 786 ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.	801	VT 011 831 ED 043 765 ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.	796
ALABAMA STATE DEPT. OF VOCATIONAL EDUCATION, MONTGOMERY. VT 011 878 Development of a Scale to Measure Attitudes Toward Vocational Education.	838	AMERICAN OCCUPATIONAL THERAPY ASSOCIATION, NEW YORK, N.Y. VT 011 730 Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.	805
ALASKA STATE DEPT. OF EDUCATION, JUNEAU. DIV. OF VOCATIONAL EDUCATION. VT 009 604 Guidelines for Cooperative Education Coordinator.	765	AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. VT 011 193 ED 043 734 INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.	776
ALDEN, ED R., JR. VT 011 681 Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.	787	VT 011 708 ED 042 916 RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.	852
ALLEN, R.E. VT 009 596 Measurement of Attitudinal Changes by Means of an Adjective Check List.	833	VT 011 786 A Conversation with Lynda. VT 011 910 ED 043 775 RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	866
AMERICAN ASSOCIATION OF JUNIOR COLLEGES, WASHINGTON, D.C. VT 011 836 ED 043 766 GUIDE FOR PROGRAM PLANNING MEDICAL LABORATORY TECHNICIAN.	796	AMERICAN VOCATIONAL EDUCATION RESEARCH ASSOCIATION, WASHINGTON, D. C. VT 010 994 ED 043 730 TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.	773
		APPALACHIAN REGIONAL COMMISSION, WASHINGTON, D.C. VT 011 739 Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.	853



OF  
ED  
51 43



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
APPRENTICESHIP INFORMATION CENTER, PHOENIX, ARIZ. VT 011 576 Apprenticeship in Arizona.	821	VT 011 725      ED 043 753 AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	894
AREA BOARD OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION DISTRICT NO. 18, NEW RICHMOND, WIS. VT 011 026 Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.	816	ASSOCIATION OF MILITARY SURGEONS, WASHINGTON, D.C. VT 011 599 The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.	821
ARIZONA AGRICULTURAL EXPERIMENT STATION, TUCSON. VT 010 366 Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.	814	ATOMIC ENERGY COMMISSION, OAK RIDGE, TENN. VT 011 827 The General Education Development (GED) Program at Training and Technology.	855
ARIZONA STATE EMPLOYMENT SECURITY COMMISSION, PHOENIX. STATE EMPLOYMENT SERVICE. VT 009 804 Manpower Outlook '80: Arizona Agriculture.	812	ATOMIC ENERGY COMMISSION, WASHINGTON, D.C. VT 011 739 Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.	853
ARKANSAS DEPT. OF LABOR, LITTLE ROCK. EMPLOYMENT SECURITY DIV. VT 011 368 Arkansas' Manpower Needs.	819	AUBURN UNIV., ALA. OCCUPATIONAL RESEARCH AND DEVELOPMENT UNIT. VT 011 878 Development of a Scale to Measure Attitudes Toward Vocational Education.	838
ARKANSAS STATE DEPT. OF EDUCATION, LITTLE ROCK. DIV. OF VOCATIONAL EDUCATION. VT 011 724      ED 042 918 TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.	953	BAKER, GEORGE LEWIS VT 011 639      ED 043 747 AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.	972
VT 011 725      ED 043 753 AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	884	BAKER, RICHARD A. VT 011 878 Development of a Scale to Measure Attitudes Toward Vocational Education.	838
ARKANSAS UNIV., FAYETTEVILLE. DEPT. OF VOCATIONAL EDUCATION. VT 011 725      ED 043 753 AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	884	BALL, WARREN G. VT 011 599 The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.	821
ARKANSAS UNIV., FAYETTEVILLE. REHABILITATION RESEARCH AND TRAINING CENTER. VT 011 769 Motivational Conflict and Employment Instability.	826	BALLINGER, RAYMOND A. VT 011 083 Opportunities in Graphic Arts Careers.	816
ARKANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT, FAYETTEVILLE. VT 011 724      ED 042 918 TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.	853	BARON, HAROLD M. VT 010 885 The Negro Worker in the Chicago Labor Market.	845
		BELBIN, R.M. VT 009 381 The Discovery Method in Training.	876



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
BELITSKY, A. HARVEY VT 011 539 ED 042 907 PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	781	BORCHER, SIDNEY DEAN VT 011 736 ED 042 921 EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.	881
BENNETT, DOROTHY VT 011 814 Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	828	BOWLER, EARL M., COMP. VT 011 439 ED 043 736 EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	779
BERGEN UNIV. (NORWAY). VT 010 264 ED 042 879 EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	843	BRANDON, GEORGE L., ED. VT 011 708 ED 042 916 RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.	852
BICE, GARRY R. VT 011 540 ED 042 908 THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.	781	VT 011 910 ED 043 775 RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	799
BIRCHENALL, JOAN M. VT 010 554 A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program.	876	BROOKING, WALTER J. VT 011 586 Preparation of Technicians for Environmental Control.	783
BIRMINGHAM UNIV., (ENGLAND). DEPT. OF ENGINEERING PRODUCTION. VT 009 394 Skill and Operative Selection for Fine Manual Tasks.	832	BROWN, DAVID P. VT 011 814 Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	828
BLAKE, DUANE L. VT 011 705 ED 043 751 THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.	789	BROWN, WALTER VT 011 638 A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	861
BLANKENBAKER, E. KEITH VT 011 637 ED 042 058 COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.	880	BROWN, WILLIAM J., JR. VT 010 525 ED 042 885 THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.	876
BLANTON, LLOYD HOUSTON VT 011 745 ED 043 756 COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.	790	BUDKE, WESLEY EUGENE VT 011 766 ED 042 926 GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.	791
RONNER, JACK E. VT 011 784 A Look at the Job Market in Idaho.	827	BULOVA FUND. VT 011 012 Survey of Graduates of the Joseph Bulova School of Watchmaking.	834
		BULOVA WATCH CO. FOUNDATION. VT 011 012 Survey of Graduates of the Joseph Bulova School of Watchmaking.	834

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
BELITSKY, A. HARVEY VT 011 539 ED 042 907 PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	781	BORCHER, SIDNEY DEAN VT 011 736 ED 042 921 EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.	881
BENNETT, DOROTHY VT 011 814 Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	828	BOWLER, EARL M., COMP. VT 011 439 ED 043 736 EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	779
BERGEN UNIV. (NORWAY). VT 010 264 ED 042 879 EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	843	BRANDON, GEORGE L., ED. VT 011 708 ED 042 916 RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.	852
BICE, GARRY R. VT 011 540 ED 042 908 THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.	781	VT 011 910 ED 043 775 RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	799
BIRCHENALL, JOAN M. VT 010 554 A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program.	876	BROOKING, WALTER J. VT 011 586 Preparation of Technicians for Environmental Control.	783
BIRMINGHAM UNIV., (ENGLAND). DEPT. OF ENGINEERING PRODUCTION. VT 009 394 Skill and Operative Selection for Fine Manual Tasks.	832	BROWN, DAVID R. VT 011 814 Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	828
BLAKE, DUANE L. VT 011 705 ED 043 751 THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.	789	BROWN, WALTER VT 011 638 A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	861
BLANKENBAKER, E. KRITH VT 011 637 ED 042 058 COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.	880	BROWN, WILLIAM J., JR. VT 010 525 ED 042 885 THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.	876
BLANTON, LLOYD HOUSTON VT 011 745 ED 043 756 COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.	790	BUDKE, WESLEY EUGENE VT 011 766 ED 042 926 GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.	791
BONNER, JACK E. VT 011 784 A Look at the Job Market in Idaho.	827	BULOVA FUND. VT 011 012 Survey of Graduates of the Joseph Bulova School of Watchmaking.	834
		BULOVA WATCH CO. FOUNDATION. VT 011 012 Survey of Graduates of the Joseph Bulova School of Watchmaking.	834

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
BUREAU OF EMPLOYMENT SECURITY (DOL), WASHINGTON, D.C. VT 006 312 Summary of Employment Security Statistical Reports. VT 011 266 Helping the Handicapped in Rural Areas.	809  848	CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION. VT 011 390 A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.	778
BUREAU OF LABOR STATISTICS (DOL), WASHINGTON, D.C. VT 010 072 ED 042 877 TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES. VT 011 345 Technical Manpower, 1966-80. VT 011 823 Labor in the Textile and Apparel Industries.	767  818 829	CALIFORNIA STATE DEPT. OF EMPLOYMENT, SACRAMENTO. HUMAN RELATIONS AGENCY. VT 009 892 Occupational Profile; City of San Francisco.	812
BUREAU OF THE CENSUS (DOC), SUITLAND, MD. VT 011 672 City Employment in 1969.	822	CAMBRIDGE UNIV., (ENGLAND). FARM ECONOMICS BRANCH. VT 011 789 Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.	827
BURROWS, NONA L. VT 011 824 Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.	855	CAMERON, WALTER A. VT 011 433 ED 042 901 REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X-- INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.	870
BUSINESS AND PROFESSIONAL WOMEN'S FOUNDATION, WASHINGTON, D.C. VT 009 885 Working Mothers: A Selected Annotated Bibliography.	812	CARO, PAUL W., AND OTHERS VT 010 915 The Captive Helicopter as a Training Device.	877
BUTLER, RICHARD P. VT 011 580 Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.	783	CARTER, P. JOHN VT 011 687 ED 043 745 AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.	788
BUTORAC, JOSEPH VT 011 310 A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks. VT 011 311 Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.	818 818	CESSNA, CECIL P. VT 011 641 Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.	785
CALIFORNIA SOCIETY OF PSYCHIATRIC TECHNICIANS, SACRAMENTO. VT 011 700 ED 043 749 MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.	851	CHICAGO URBAN LEAGUE, ILL. RESEARCH DEPT. VT 010 885 The Negro Worker in the Chicago Labor Market.	845
		CITY AND GUILDS OF LONDON INST., INC., (ENGLAND). VT 011 653 Further Education for Technicians.	785

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
VT 011 655	786	VT 010 990	773
Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.		Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).	
VT 011 656	786	VT 011 825	795
Further Education for Operatives.		Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	
VT 011 657	787		
Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.			
CITY AND GUILDS OF LONDON INST., INC., (ENGLAND). CONSULTATIVE COMMITTEE ON EDUCATION FOR THE PRINTING INDUSTRY.		COLORADO RESEARCH COORDINATING UNIT, FT. COLLINS.	
VT 011 654	785	VT 010 135	767
Education for the Printing Industry.		Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.	
CIVIL SERVICE COMMISSION, WASHINGTON, D.C. MANPOWER SOURCES DIV.			
VT 010 367	814	COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.	
Changing Patterns; A Report on the Federal Women's Program Review Seminar.		VT 011 433 ED 042 901	870
CIZON, FRANCIS A.		REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X-- INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.	
VT 011 408	778	VT 011 705 ED 043 751	789
Some Guidelines for Successful Police-Community Relations Training Programs.		THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.	
CLOWARD, ROBERT D.			
VT 009 915	842	CONGRESS OF THE U.S., WASHINGTON, D.C. JOINT ECONOMIC COMMITTEE.	
A Survey of Special Needs Students in Rhode Island.		VT 009 243	765
COHEN, WILBUR J.		Federal Programs for the Development of Human Resources. Vol. I.	
VT 003 396 ED 042 872	808		
WOMANPOWER POLICIES FOR THE 1970'S. SEMINAR ON MANPOWER POLICY AND PROGRAM (WASHINGTON, D.C., APRIL 13, 1967).		CONGRESS OF THE U.S., WASHINGTON, D.C. SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE.	
COLEMAN, ARTHUR D.		VT 007 637 ED 043 729	764
VT 011 229 ED 040 292	776	ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2-- APPENDIX.	
SELECTED HEALTH SERVICE OCCUPATIONS.		VT 011 706 ED 043 752	790
COLEMAN, JAMES S., AND OTHERS		ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.	
VT 011 701 ED 043 750	852	VT 011 875 ED 043 772	857
OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
COLOMBO PLAN BUREAU, (CEYLON).			
VT 010 987	772	CONNOR, THOMAS R.	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).		VT 011 867	857
VT 010 988	773	Evaluation of a Program of Training for Day Care Attendants.	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).			



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
CONNOR, THOMAS R., AND OTHERS VT 011 937 Some Results of a Training Program for Non-Professional Medical Personnel.	857	DEPARTMENT OF COMMERCE, WASHINGTON, D.C. OFFICE OF THE SECRETARY. VT 011 198 Seasonal Unemployment in the Construction Industry. Report and Recommendations.	817
CORLETT, E.N., AND OTHERS VT 009 394 Skill and Operative Selection for Fine Manual Tasks.	832	DEPARTMENT OF EMPLOYMENT AND PRODUCTIVITY, LONDON (ENGLAND). TRAINING DIV. VT 009 381 The Discovery Method in Training.	876
COTRELL, CALVIN J. VT 011 433 FD 042 901 REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X-- INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.	870	DEPARTMENT OF JUSTICE, WASHINGTON, D.C. LAW ENFORCEMENT ASSISTANCE. VT 011 408 Some Guidelines for Successful Police-Community Relations Training Programs.	778
CRAIG, WILLIAM N. VT 011 824 Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.	855	DEPARTMENT OF LABOR, WASHINGTON, D.C. LIBRARY. VT 011 383 The Construction Industry: Selected References, 1960-1969.	778
CRAIN, WILLIAM VT 010 135 Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational- Technical Personnel.	767	DEPARTMENT OF LABOR, WASHINGTON, D.C. OFFICE OF THE SECRETARY. VT 011 198 Seasonal Unemployment in the Construction Industry. Report and Recommendations.	817
CREAMER, DANIEL VT 003 298 ED 043 726 MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.	808	DISTRICT OF COLUMBIA BOARD OF EDUCATION, WASHINGTON. VT 011 364 A Plan for Career Development in the Public Schools of the District of Columbia.	777
CREEL, JANE VT 010 997 Careers in Home Economics.	864	DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, BAVT. VT 011 136 ED 043 732 IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE). VT 011 439 ED 043 736 EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	775 779
CROLEY, DORIS M. VT 011 827 The General Education Development (GED) Program at Training and Technology.	855	DOMINION BUREAU OF STATISTICS, OTTAWA (ONTARIO). VOCATIONAL TRAINING SECTION. VT 010 502 Survey of Vocational Education and Training.	884
DALY, MAURICE J. VT 011 589 A Profile of Vocational-Technical Education, Quincy, Massachusetts.	878		
DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. FEDERAL EXTENSION SERVICE. VT 011 266 Helping the Handicapped in Rural Areas.	848		
DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. FOREST SERVICE. VT 011 344 A Job with the Forest Service.	865		

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
DOMMER, CAROLYN VT 011 600 ED 042 053 HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	805	FEDERAL YOUTH CENTER, ASHLAND, KY. EDUCATIONAL DEVELOPMENT CENTER. VT 011 715 Project PRIDE (Prescribed Reinforcement Involving Differentiated Education).	852
ECONOMIC RESEARCH SERVICE (DOA), WASHINGTON, D.C. VT 011 610 Consumer's Knowledge and Use of Government Grades for Selected Food Items.	784	FELDMAN, MARVIN J. VT 012 031 Vocational Education and Poverty.	858
EDGAR, NICHOLAS J. VT 011 927 ED 043 776 A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964- 1966.	839	FILEP, ROBERT T. VT 011 693 ED 042 912 JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	789
EDUCATION COMMISSION OF THE STATES, DENVER, COLO. VT 011 777 Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970). VT 011 778 Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).	792 792	FINCH, CURTIS R., AND OTHERS VT 011 015 Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	878
ENO, RICHARD S. VT 010 271 Qualifications for Technical Teachers in Engineering Technologies.	868	FLANAGAN, JOHN C., AND OTHERS VT 011 934 ED 043 777 DESIGN FOR A STUDY OF AMERICAN YOUTH.	839
ENVICK, ROBERT MERLYN VT 011 690 ED 042 911 COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	823	FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF ELEMENTARY AND SECONDARY EDUCATION. VT 011 681 Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.	787
ERICKSON, REYNOLD M., ED., AND OTHERS VT 009 606 Career Opportunities Through Apprenticeship.	864	FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION. VT 010 650 ED 042 887 GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS. VT 010 974 Seminar for Instructors and Directors of Selected Health Related Programs, 1969.	769 869
FAULKNER, ROSEMARY VT 011 867 Evaluation of a Program of Training for Day Care Attendants.	857	FORD FOUNDATION, NEW YORK, N.Y. VT 010 914 Developing Our Wasted Human Resources.	771
FEARN, ROBERT M. VT 011 469 ED 042 903 LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	780	FOREST, BETTY LUCILLE VT 006 861 The Utilization of Associate Degree Nursing Graduates in General Hospitals.	832
		FRAZIER, WILLIAM D. VT 011 905 A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	838

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
FREED, ROBERT VERNON VT 006 685 The Development of Post-High School Technical-Vocational Education in Oklahoma.	764	GORMAN, ANNA M. VT 011 879 ED 043 773 REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	862
FRERICKS, D., ED. VT 011 010 The Ohio Apprenticeship Notebook for School Counselors.	864	GOVERNOR'S PLANNING COMMISSION FOR VOCATIONAL REHABILITATION, OLYMPIA, WASH. VT 011 090	847
FULLER, WILLIAM P. VT 011 851 ED 043 769 EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.	830	Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.	
FULTON COUNTY SCHOOL BOARD, MCCONNELLSBURG, PA. VT 011 641	785	GRAY, KENNEY EARL VT 011 771 ED 042 927 COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL- TECHNICAL EDUCATION.	791
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.		GRIESER, MARY ANN VT 011 719	824
FUTURE FARMERS OF AMERICA, WASHINGTON, D.C. VT 011 806	795	Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	
National Workshop of Professional Leaders in FFA, Proceedings, 1969.		GRIEW, STEPHEN VT 009 570	810
GEORGE WASHINGTON UNIV., ALEXANDRIA, VA. HUMAN RESOURCES RESEARCH OFFICE. VT 010 913	877	Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.	
A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.		GRIFFIN, JAMES F. VT 011 632 ED 042 909	879
VT 010 915	877	RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	
The Captive Helicopter as a Training Device.		GROEMPTING, FRANZ A. VT 010 072 ED 042 377	767
VT 011 259	776	TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.	
Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.		GROTZKE, HEINZ VT 009 915	842
GEORGIA INST. OF TECH., ATLANTA. VT 011 855	797	A Survey of Special Needs Students in Rhode Island.	
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		GUST, DALE D. VT 011 727 ED 043 754	891
GOGSTAD, ANDERS C. VT 010 264 ED 042 879	843	BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.	
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		HABIF, ROBERTA A. VT 010 914	846
GORDON, MICHAEL E. VT 011 580	783	A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.	
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.			

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
ILLINOIS JUNIOR COLL. BOARD, SPRINGFIELD. VT 011 785	792	JACKSON, DOROTHY G., ED. VT 011 800 ED 043 762	895
Career Programs; Technical- Vocational Education. Illinois Public Junior Colleges.		RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. VT 009 753	766	JENKINS, W.O., AND OTHERS VT 011 009	877
Approval Criteria for Area Secondary Vocational Centers in Illinois.		The Acquisition of Standard English Speech Habits Using Second- Language Techniques, Summary Report.	
IMPARA, JAMES C. VT 011 681	787	JOESTING, HARRIETTE VT 001 276	810
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.		Nursing in Hawaii, 1968.	
INDIANA EMPLOYMENT SECURITY DIV., INDIANAPOLIS. RESEARCH AND STATISTICS SECTION. VT 009 598	811	JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS. VT 011 630 ED 042 055	850
Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods.		GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE. VT 011 701 ED 043 750	852
INGHAM INTERMEDIATE BOARD OF EDUCATION, MASON, MICH. VT 011 892	798	OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.	
Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.		JOHNSON, ELMER H. VT 010 712 ED 042 888	844
INSTITUTE FOR EDUCATIONAL DEVELOPMENT, EL SEGUNDO, CALIF. VT 011 693 ED 042 912	789	WORK RELEASE: FACTORS IN SELECTION AND RESULTS.	
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.		JOHNSON, RONALD W. VT 010 817 ED 042 890	815
INTERNATIONAL LABOUR OFFICE, GENEVA (SWITZERLAND). VT 010 996	815	A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.	
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		JOSEPH, M.P. VT 009 596	833
INTERNATIONAL LABOUR ORGANISATION, GENEVA (SWITZERLAND) VT 011 543	782	Measurement of Attitudinal Changes by Means of an Adjective Check List.	
Building Trades, Skopje, Yugoslavia Training Centre.		KAHLER, CAROL, ED., AND OTHERS VT 011 836 ED 043 766	796
INTERNATIONAL MANPOWER INST., WASHINGTON, D.C. VT 011 615	784	GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.	
Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.		KANSAS STATE DEPT. OF LABOR, TOPEKA. EMPLOYMENT SECURITY DIV. VT 011 809	828
		Kansas Migration and Employment 1960-1968.	
		KAROLINSKA INST., STOCKHOLM (SWEDEN). VT 010 264 ED 042 879	843
		EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
HANSEN, HERBERT EUGENE VT 011 757 ED 042 922 COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.	826	GILL, CHARLES R. VT 009 389 Articulation of Courses and Curricula for Industrial Teacher Preparation.	863
HARRINGTON, FRED WHITNEY VT 011 707 ED 042 915 DEVELOPMENT OF A SELF- INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	872	HOPRNER, THOMAS A. VT 011 233 Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture.	870
HARRIS, E. EDWARD VT 011 722 Requirements for Office and Distributive Education Teacher- Coordinators.	874	HOLCOMB, BEVERLY J. VT 011 724 ED 042 918 TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.	853
HARRIS, JAMES L. VT 011 905 A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	838	HOLMAN, MARY JO VT 011 801 A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.	873
HARVARD UNIV., CAMBRIDGE, MASS. GRADUATE SCHOOL OF EDUCATION. VT 011 560 ED 042 046 AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.	783	HOME ECONOMICS EDUCATION ASSOCIATION, WASHINGTON, D.C. VT 011 810 The Teacher of Home Economics; Reaching Out to Those We Teach.	854
HAWAII UNIV., HONOLULU. ECONOMIC RESEARCH CENTER. VT 011 652 A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.	861	HOUSE, ELAINE W. VT 010 982 Skill Training for the Disadvantaged: Problems of Assessment.	834
HAWAII UNIV., HONOLULU. LEGISLATIVE REFERENCE BUREAU. VT 009 276 Nursing in Hawaii, 1968. VT 011 435 New Patterns of Health Care: The Physician's Assistant.	810 779	HUFFMAN, HARRY VT 011 727 ED 043 754 BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.	881
HEALTH MANPOWER COUNCIL OF CALIF., ORINDA. VT 011 077 Health Manpower Annual Conference, 1969.	775	HULL, WILLIAM L. VT 011 787 Relevancy in Agricultural Education.	793
HEDGES, LOWELL VT 011 846 The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.	873	HUMAN DEVELOPMENT AND EDUCATION CORP., PATTERSON, N.J. VT 011 328 ED 043 735 OPERATION JOB START. FINAL REPORT.	849
HEIMSTRA, NORMAN W. VT 011 848 ED 043 767 AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	837	HYMER, BENNETT VT 010 885 The Negro Worker in the Chicago Labor Market.	845
		IDAHO OCCUPATIONAL RESEARCH COORDINATING UNIT, MOSCOW. VT 009 688 ED 034 053 IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.	860

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
ILLINOIS JUNIOR COLL. BOARD, SPRINGFIELD. VT 011 785	792	JACKSON, DOROTHY G., ED. VT 011 800 ED 043 762	845
Career Programs; Technical- Vocational Education. Illinois Public Junior Colleges.		RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION. VT 009 758	766	JENKINS, W.O., AND OTHERS VT 011 009	877
Approval Criteria for Area Secondary Vocational Centers in Illinois.		The Acquisition of Standard English Speech Habits Using Second- Language Techniques Summary Report.	
IMPARA, JAMES C. VT 011 681	787	JOESTING, HAPRIETTE VT 009 276	810
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.		Nursing in Hawaii, 1968.	
INDIANA EMPLOYMENT SECURITY DIV., INDIANAPOLIS. RESEARCH AND STATISTICS SECTION. VT 009 598	811	JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS. VT 011 630 ED 042 055	850
Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods.		GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE. VT 011 701 ED 043 750	852
INGHAM INTERMEDIATE BOARD OF EDUCATION, MASON, MICH. VT 011 892	798	OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.	
Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.		JOHNSON, ELMER H. VT 010 712 ED 042 888	844
INSTITUTE FOR EDUCATIONAL DEVELOPMENT, EL SEGUNDO, CALIF. VT 011 693 ED 042 912	789	WORK RELEASE: FACTORS IN SELECTION AND RESULTS.	
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.		JOHNSON, RONALD W. VT 010 917 ED 042 890	815
INTERNATIONAL LABOUR OFFICE, GENEVA (SWITZERLAND). VT 010 996	815	A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.	
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		JOSEPH, M.P. VT 009 596	833
INTERNATIONAL LABOUR ORGANISATION, GENEVA (SWITZERLAND) VT 011 543	782	Measurement of Attitudinal Changes by Means of an Adjective Check List.	
Building Trades, Skopje, Yugoslavia Training Centre.		KAHLER, CAROL, ED., AND OTHERS VT 011 836 ED 043 766	796
INTERNATIONAL MANPOWER INST., WASHINGTON, D.C. VT 011 615	784	GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.	
Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.		KANSAS STATE DEPT. OF LABOR, TOPEKA. EMPLOYMENT SECURITY DIV. VT 011 809	828
		Kansas Migration and Employment 1960-1968.	
		KAROLINSKA INST., STOCKHOLM (SWEDEN). VT 010 264 ED 042 879	843
		EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
KASE, DONALD H., COMP. VT 011 296 Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.	805	LARSON, MILTON E. VT 010 135 Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational- Technical Personnel.	767
KATZ, BLANCHE K. VT 010 436 Training for the Automotive Trades in New York City.	833	LAWLIS, G. FRANK VT 011 769 Motivational Conflict and Employment Instability.	826
KIM, HILLCENT VT 011 435 New Patterns of Health Care: The Physician's Assistant.	779	LEAGUE FOR INDUSTRIAL DEMOCRACY, NEW YORK, N.Y. VT 011 751 Black Builders; A Job Program that Works.	854
KINTGEN, JEAN VT 011 728 ED 042 919 INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.	884	LEE, ARTHUR M. VT 010 994 ED 043 730 TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.	773
KIRKBRIDE, KEITH FRANK VT 011 774 A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.	826	LEFKOE, M.R. VT 011 325 The Crisis in Construction; There Is an Answer.	777
KLEPP, ERIK VT 009 633 Technological Changes in Sawmill Occupations.	811	LENARD, CHARLES A. VT 011 104 Lewiston-Clarkston Area Manpower Survey.	816
KOPEL, BERNICE HELENE VT 011 817 ED 043 763 HOME ECONOMISTS WORKING WITH LOW- INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.	855	LEVINE, LOUIS VT 010 979 ED 042 891 MANPOWER INFORMATION FOR URBAN POVERTY AREAS.	846
KRIEBEL, WESLEY R. VT 011 860 Guidelines for an Extension Educational Program in Transportation.	798	LEWIS, CHARLES E., JR. VT 011 401 ED 042 898 SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	866
KUNZMAN, LEONARD E. VT 011 799 Career Education in Oregon.	794	LINCOLN PUBLIC SCHOOLS, NEBR. AEROSPACE CURRICULUM DEVELOPMENT PROJECT. VT 011 326 Handbook of Aerospace-Related Occupations.	865
KUWIK, PAUL DAVID VT 011 759 ED 043 758 A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.	882	LIPTON, BENJAMIN H., AND OTHERS VT 011 012 Survey of Graduates of the Joseph Bulova School of Watchmaking.	834
		LIU, BEN-CHIEH VT 011 199 Employment Multipliers and Employment Projections, the St. Louis Region.	817

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
LLOYD, C. VT 011 657 Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.	787	MANN, LOUIS, AND OTHERS VT 011 474 ED 042 904 CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.	849
LOEPP, FRANZIE LEE VT 011 691 ED 043 748 THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.	880	MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. VT 007 815 ED 042 873 TRANSFERRING MILITARY EXPERIENCE TO CIVILIAN JOBS. A STUDY OF SELECTED AIR FORCE VETERANS. MANPOWER/AUTOMATION RESEARCH MONOGRAPH NO. 8.	809
LONG, GILBERT ANDREW VT 011 703 ED 042 914 PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.	789	VT 009 760 Assessing the Economic Scene.	767
LOUDERMILK, KENNETH M. VT 009 688 ED 034 053 IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.	860	VT 010 375 ED 042 882 REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.	944
LOUISIANA STATE UNIV., NEW ORLEANS, DIV. OF BUSINESS AND ECONOMIC RESEARCH. VT 010 710 The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.	814	VT 011 293 Special Job Creation for the Hard- to-Employ in Western Europe.	848
LUCAS, RICHARD L. VT 011 848 ED 043 767 AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	837	VT 011 697 Hiring Standards and Job Performance.	824
MACCARTHY, ROBERT A. VT 010 751 The Vocational Adjustment of Special Class Students.	845	MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. BUREAU OF APPRENTICESHIP AND TRAINING. VT 010 652 National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.	769
MADDOX, MARION E. VT 011 725 ED 043 753 AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	884	MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. U.S. TRAINING AND EMPLOYMENT SERVICE. VT 011 460 Occupations and Trends in the Dairy Industry.	820
MAHONING VALLEY VOCATIONAL SCHOOL, VIENNA, OHIO. VT 011 927 ED 043 776 A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964- 1966.	839	MARYLAND STATE DEPT. OF EDUCATION, BALTIMORE. VT 011 962 ED 043 782 INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.	862
MALINSKI, J.F. VT 011 742 Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	790	MASSACHUSETTS REHABILITATION COMMISSION, BOSTON, MASS. VT 010 944 A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.	846
		MASSACHUSETTS REHABILITATION COMMISSION, RESEARCH AND PROGRAM PLANNING UNIT. VT 010 751 The Vocational Adjustment of Special Class Students.	845



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
MATHER, MARY E., ED. VT 007 344 ED 043 728 HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.	860	MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. PROGRAM DEVELOPMENT SECTION. VT 011 742	770
MATTHEWS, JOSEPH C., JR. VT 011 943 ED 043 780 A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	800	Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	
MATTSON, HOMER A. VT 011 720 Skills and Knowledge Needed by Personnel in Architectural Drafting.	824	MINNESOTA UNIV., MINNEAPOLIS. VT 009 540 Prediction of Individual Job Turnover From Measured Job Satisfaction.	810
MCVEY, GARY C. VT 011 760 ED 042 923 AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS OF AN AUDIO-TUTORIAL METHOD IN TEACHING VOCATIONAL AGRICULTURE.	882	VT 011 770 Assessment of Educational Programs.	836
MICHIGAN STATE UNIV., EAST LANSING. VT 011 600 ED 042 053 HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	805	MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF TRADE AND INDUSTRIAL EDUCATION. VT 011 749 ED 043 757 DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	836
MICHIGAN UNIV., ANN ARBOR. SCHOOL OF EDUCATION. VT 011 094 ED 042 893 VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.	869	MISSOURI AGRICULTURAL EXPERIMENT STATION, COLUMBIA. VT 011 553 Supervision in the Missouri Wood Products Industry.	782
MIKLIUS, W., AND OTHERS VT 011 652 A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.	861	MISSOURI UNIV., COLUMBIA. EXTENSION DIV. VT 011 860 Guidelines for an Extension Educational Program in Transportation.	798
MINNESOTA STATE DEPT. OF CORRECTIONS, ST. PAUL. DIV. OF RESEARCH AND PLANNING. VT 010 073 Analysis of Work Release for Felons in Minnesota.	833	MOBILIZATION FOR YOUTH, INC., NEW YORK, N.Y. VT 011 658 Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	851
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. VT 009 606 Career Opportunities Through Apprenticeship.	864	MORELAND, HENRY CLIFFORD, JR. VT 011 684 ED 043 742 A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	835
		MOSER, DAVID E. VT 011 860 Guidelines for an Extension Educational Program in Transportation.	798
		MYERS, JOHN G. VT 003 298 ED 043 726 MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.	809

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
MYERS, ROBIN, AND OTHERS VT 011 751 Black Builders; A Job Program that Works.	854	NATIONAL SCREW MACHINE PRODUCTS ASSOCIATION, CLEVELAND, OHIO. VT 010 241 National Policy of Apprenticeship for Machinist (Automatic Screw-Machines).	768
NATIONAL ALLIANCE OF BUSINESSMEN, ATLANTA, GA. VT 011 855 Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).	797	NEAL, C.E., COMP. VT 011 018 High School Aviation Aerospace Education Status Report.	774
NATIONAL ASSOCIATION FOR COMMUNITY DEVELOPMENT, WASHINGTON, D. C. VT 010 741 ED 042 889 ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.	845	NEBRASKA OCCUPATIONAL NEEDS RESEARCH COORDINATING UNIT, LINCOLN. VT 011 719 Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	824
NATIONAL ASSOCIATION OF PSYCHIATRIC TECHNOLOGY, SACRAMENTO, CALIF. VT 011 700 ED 043 749 MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.	851	VT 011 720 Skills and Knowledge Needed by Personnel in Architectural Drafting.	824
NATIONAL ASSOCIATION OF TRADE AND TECHNICAL SCHOOLS, WASHINGTON, D.C. VT 011 168 Membership Directory of Accredited Private Trade and Technical Schools, 1969-70.	775	VT 011 783 Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.	827
NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., NEW YORK, N.Y. VT 003 298 ED 043 726 MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.	808	NEBRASKA STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION. VT 011 783 Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.	927
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. COUNCIL OF PRACTICAL NURSING PROGRAMS VT 011 544 Stepping Stones in Nursing Education.	821	NEVADA STATE DEPT. OF HEALTH, WELFARE AND REHABILITATION, RENO. DIV. OF HEALTH. VT 010 115 Nevada Health Manpower Program, Part I.	813
NATIONAL LEAGUE FOR NURSING, NEW YORK, N.Y. DEPT. OF ASSOCIATE DEGREE PROGRAMS. VT 006 861 The Utilization of Associate Degree Nursing Graduates in General Hospitals.	832	NEVADA STATE EMPLOYMENT SECURITY DEPT., CARSON CITY. MANPOWER INFORMATION AND RESEARCH SECTION. VT 009 601 Manpower Horizons '75.	811
NATIONAL MANPOWER POLICY TASK FORCE, WASHINGTON, D.C. VT 011 333 ED 042 896 REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).	861	NEW BRUNSWICK DEPT. OF LABOUR, FREDERICTON. VT 010 917 ED 042 890 A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.	815
		NEW HAMPSHIRE STATE DEPT. OF EMPLOYMENT SECURITY, CONCORD. VT 011 442 New Hampshire Occupations in 1975.	819
		NEW JERSEY OCCUPATIONAL RESEARCH AND DEVELOPMENT BRANCH, TRENTON. VT 010 554 A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program.	876

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION. VT 011 638	861	NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF SECONDARY CURRICULUM DEVELOPMENT. VT 011 863 ED 043 771	835
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.		INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.	
NEW JERSEY STATE EMPLOYMENT SFR ICE, BLOOMFIELD. OCCUPATIONAL RESEARCH CENTER. VT 011 478	820	NEW YORK STATE EDUCATION DEPT., ALBANY. DIV. OF PUPIL PERSONNEL SERVICES. VT 011 372	777
Occupations in the Film Processing and Finishing Industry.		School to Employment Program. Project Step Report--1963-1969.	
NEW YORK STATE DEPT. OF COMMERCE, NEW YORK. WOMEN'S PROGRAMS. VT 010 997	364	NEW YORK STATE SENATE, ALBANY. VT 011 004 ED 042 892	847
Careers in Home Economics.		RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS; JOBS WITHOUT WORKERS. STATE OF NEW YORK-- LEGISLATIVE DOCUMENT (1969)-- NUMBER 84.	
NEW YORK STATE DEPT. OF LABOR, ALBANY. VT 011 019	834	NEW YORK UNIV., N.Y. CENTER FOR THE STUDY OF UNEMPLOYED YOUTH. VT 001 106 ED 043 725	764
The Extent of Registered Apprentice Training in New York State, 1967.		THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.	
NEW YORK STATE DEPT. OF LABOR, ALBANY. DIV. OF RESEARCH AND STATISTICS. VT 011 647	822	NEWSOM, ROBERT T. VT 010 710	814
Manpower Directions in New York State 1965-1975, Technical Supplement.		The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.	
VT 011 680	823	NIXON, R. A. VT 001 106 ED 043 725	764
Injury Rates in the Construction Industry New York State, 1968.		THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.	
NEW YORK STATE DEPT. OF LABOR, ALBANY. RESEARCH AND STATISTICS OFFICE. VT 010 739	815	NORTH BAY PACE CENTER, NAPA, CALIF. VT 011 296	805
Unemployment Insurance Claimants, 1963-1964.		Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.	
NEW YORK STATE EDUCATION DEPT., ALBANY. VT 011 019	834	NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION. VT 011 401 ED 042 898	866
The Extent of Registered Apprentice Training in New York State, 1967.		SCHOOL INTEGRATION, OCCUPATIONAL EXPERIATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	
VT 011 909	830	VT 011 469 ED 042 903	780
A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.		LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	
NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH. VT 009 642 ED 042 876	766		
APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.			

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION. VT 011 638	861	NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF SECONDARY CURRICULUM DEVELOPMENT. VT 011 863 ED 043 771	885
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.		INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.	
NEW JERSEY STATE EMPLOYMENT SERVICE, BLOOMFIELD. OCCUPATIONAL RESEARCH CENTER. VT 011 478	820	NEW YORK STATE EDUCATION DEPT., ALBANY. DIV. OF PUPIL PERSONNEL SERVICES. VT 011 372	777
Occupations in the Film Processing and Finishing Industry.		School to Employment Program. Project Step Report--1968-1969.	
NEW YORK STATE DEPT. OF COMMERCE, NEW YORK. WOMEN'S PROGRAMS. VT 010 997	364	NEW YORK STATE SENATE, ALBANY. VT 011 004 ED 042 892	847
Careers in Home Economics.		RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK-- LEGISLATIVE DOCUMENT (1969)-- NUMBER 84.	
NEW YORK STATE DEPT. OF LABOR, ALBANY. VT 011 019	834	NEW YORK UNIV., N.Y. CENTER FOR THE STUDY OF UNEMPLOYED YOUTH. VT 001 106 ED 043 725	764
The Extent of Registered Apprentice Training in New York State, 1967.		THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.	
NEW YORK STATE DEPT. OF LABOR, ALBANY. DIV. OF RESEARCH AND STATISTICS. VT 011 647	822	NEWSOM, ROBERT T. VT 010 710	814
Manpower Directions in New York State 1965-1975, Technical Supplement.		The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.	
VT 011 680	823	NIXON, R. A. VT 001 106 ED 043 725	764
Injury Rates in the Construction Industry New York State, 1968.		THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.	
NEW YORK STATE DEPT. OF LABOR, ALBANY. RESEARCH AND STATISTICS OFFICE. VT 010 739	815	NORTH BAY PACE CENTER, NAPA, CALIF. VT 011 296	805
Unemployment Insurance Claimants, 1963-1964.		Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.	
NEW YORK STATE EDUCATION DEPT., ALBANY. VT 011 019	834	NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION. VT 011 401 ED 042 898	866
The Extent of Registered Apprentice Training in New York State, 1967.		SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	
VT 011 909	830	VT 011 469 ED 042 903	780
A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.		LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	
NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF OCCUPATIONAL EDUCATION RESEARCH. VT 009 642 ED 042 876	766		
APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.			



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
VT 011 474 ED 042 904	849	VT 010 698	770
CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.		Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).	
VT 011 475 ED 042 905	850	VT 010 699	770
CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.		Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
VT 011 942 ED 043 779	800	VT 010 700	868
NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.		Training and Technology; Recruitment: In-Service Vocational- Technical Teacher Institute (1967).	
VT 011 943 ED 043 780	800	VT 010 701	771
A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.		Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.	
NORTH CAROLINA STATE UNIV., RALEIGH. SCHOOL OF EDUCATION.		VT 010 740	804
VT 010 525 ED 042 885	876	Training and Technology; Worker Training Curriculum, Phase I.	
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.		VT 011 580	783
NORTHERN ILLINOIS UNIV., DEKALB.		Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.	
VT 011 854	856	VT 011 740	854
Home Economics and the Disadvantaged.		Training and Technology; Tour-- Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).	
NORTON, JOHN HERBERT		OFFICE OF ECONOMIC OPPORTUNITY, WASHINGTON, D.C.	
VT 010 979 ED 042 891	846	VT 012 031	858
MANPOWER INFORMATION FOR URBAN POVERTY AREAS.		Vocational Education and Poverty.	
NORWEGIAN STATE REHABILITATION INST., BERGEN.		OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF ADULT, VOCATIONAL, AND LIBRARY PROGRAMS.	
VT 010 264 ED 042 879	843	VT 011 692	788
EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.		Post Secondary Distributive Education.	
NUCKOLS, TROY E., AND OTHERS		OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. BUREAU OF RESEARCH.	
VT 007 242 ED 043 727	804	VT 011 096	869
TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.		The Preparation of Professional Personnel for Vocational Technical Education.	
OAK RIDGE ASSOCIATED UNIVERSITIES, TENN.		OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF MANPOWER DEVELOPMENT AND TRAINING.	
VT 010 146	843	VT 011 804	794
Training and Technology: Organized Labor's Participation in a Training Experiment.		Good Training, Good Jobs: MDTA. Facts for Manpower Administrators.	
VT 010 694	769	OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.	
Training and Technology; TAT Industrial Conference Proceedings, 1968.		VT 010 136	768
		Programs for Career Opportunities in Child Development.	

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
VT 011 011	774	VT 011 728	884
Citizenship Training for		ED 042 919	
Vocational-Technical Education		INTERPRETATION OF LITERATURE ON	
Students in Secondary Schools.		CAREER LADDERS AND LATTICES IN	
VT 011 410	779	HEALTH OCCUPATIONS EDUCATION.	
New Strategies for Vocational-		INFORMATION SERIES NO. 23.	
Technical Education in Urban		VT 011 787	793
America.		Relevancy in Agricultural Education.	
OFFICE OF MANPOWER POLICY,		VT 011 879	862
EVALUATION, AND RESEARCH (DOL),		ED 043 773	
WASHINGTON, D.C.		REPORT OF THE NATIONAL RESEARCH	
VT 003 396	809	CONFERENCE ON CONSUMER AND	
ED 042 872		HOMEMAKING EDUCATION (COLUMBUS,	
WOMANPOWER POLICIES FOR THE		OHIO, JUNE 2-5, 1970). LEADERSHIP	
1970'S. SEMINAR ON MANPOWER POLICY		TRAINING SERIES NO. 31.	
AND PROGRAM (WASHINGTON, D.C.,		VT 012 444	846
APRIL 13, 1967).		ED (SEE APR '71 RIE)	
OHIO ADVISORY COUNCIL FOR VOCATIONAL		Abstracts of Research and Related	
EDUCATION, WORTHINGTON.		Materials in Vocational and	
VT 011 798	793	Technical Education (ARM), Fall	
Ohio Advisory Council for		1970.	
Vocational Education, First Report.		VT 012 484	886
OHIO STATE CIVIL RIGHTS COMMISSION,		ED (SEE APR '71 RIE)	
COLUMBUS. RESEARCH AND SURVEY DEPT.		Microfiche Collection of	
VT 011 579	850	Clearinghouse Documents Reported	
Employment Patterns Affecting		in Abstracts of Research and	
Minority Persons in Hotels,		Related Materials in Vocational	
Motels, and Restaurants in Ohio.		and Technical Education (ARM),	
OHIO STATE DEPT. OF EDUCATION,		Fall 1970.	
COLUMBUS. DIV. OF GUIDANCE AND		OKLAHOMA EMPLOYMENT SECURITY	
TESTING.		COMMISSION, OKLAHOMA CITY. RESEARCH	
VT 011 010	864	AND PLANNING DIV.	
The Ohio Apprenticeship Notebook		VT 011 755	825
for School Counselors.		Oklahoma Farm Labor Report.	
OHIO STATE UNIV., COLUMBUS. CENTER		ONTARIO INST. FOR STUDIES IN	
FOR HUMAN RESOURCE RESEARCH.		EDUCATION, TORONTO (CANADA). DEPT.	
VT 011 734	925	OF EDUCATIONAL PLANNING.	
ED 043 755		VT 011 310	818
DUAL CAREERS: A LONGITUDINAL STUDY		A Summary: Qualified Manpower in	
OF LABOR MARKET EXPERIENCE OF		Ontario 1961-1986. Volume I:	
WOMEN. VOLUME ONE.		Determination and Projection of	
OHIO STATE UNIV., COLUMBUS. CENTER		Basic Stocks.	
FOR VOCATIONAL AND TECHNICAL		VT 011 311	818
EDUCATION.		Qualified Manpower in Ontario,	
VT 011 433	870	1961-1986. Volume 1: Determination	
ED 042 901		and Projection of Basic Stocks.	
REMOTE FEEDBACK TECHNIQUES FOR		OREGON STATE BOARD OF AERONAUTICS,	
INSERVICE EDUCATION. ASSESSMENT OF		SALEM.	
MICRO-TEACHING AND VIDEO RECORDING		VT 011 146	817
IN VOCATIONAL AND TECHNICAL		The Feasibility of Oregon	
TEACHER EDUCATION: PHASE X--		Community Colleges and Secondary	
INTERIM REPORT. RESEARCH AND		Schools offering Civil Aviation	
DEVELOPMENT SERIES NO. 40.		Occupational Education.	
VT 011 540	781	OREGON STATE DEPT. OF EMPLOYMENT,	
ED 042 908		SALEM.	
THE RELATIONSHIP OF GROUP		VT 011 186	865
STRUCTURAL PROPERTIES AND		Careers in the Logging Industry.	
COMMUNICATION BEHAVIOR PATTERNS TO		OREGON STATE SYSTEM OF HIGHER	
OPINION LEADERSHIP AMONG TEACHERS.		EDUCATION, CORVALLIS. DIV. OF	
FINAL REPORT. RESEARCH AND		CONTINUING EDUCATION.	
DEVELOPMENT SERIES NO. 41.		VT 011 146	817
VT 011 727	881	The Feasibility of Oregon	
ED 043 754		Community Colleges and Secondary	
BUSINESS EDUCATION FOR THE		Schools offering Civil Aviation	
EMERGENT OFFICE. INTERIM REPORT.		Occupational Education.	

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
ORNSTEIN, MICHAEL D. VT 011 630 ED 042 055 GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	850	PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. INST. FOR RESEARCH ON HUMAN RESOURCES. VT 010 979 ED 042 491 MANPOWER INFORMATION FOR URBAN POVERTY AREAS.	846
OUACHITA VALLEY VOCATIONAL-TECHNICAL SCHOOL, WEST MONROE, LA. VT 011 588 Job Instruction Training. A Job Analysis and Evaluation Workshop Conference.	784	PERRYMAN, BRUCE C. VT 011 802 A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational- Technical Education.	794
OVERMAN, ROBERT W., JR. VT 011 858 Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).	856	VT 011 894 ED 043 774 FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	799
PACHUCKI, CHESTER VT 011 785 Career Programs; Technical- Vocational Education. Illinois Public Junior Colleges.	792	PERSHING, REX WELDON VT 011 683 ED 043 741 ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	787
PARKER, MELVILLE G. VT 011 878 Development of a Scale to Measure Attitudes Toward Vocational Education.	838	PHILIPP, EILEEN VT 009 570 Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.	810
PAUTLER, ALBERT J. VT 012 164 Occupational Preparation, K-12 and Beyond.	806	PITTSBURGH INST. OF AERONAUTICS, PA. VT 011 017 Survey of Federal Aviation Agency Approved Mechanic School Programs.	774
PENNSYLVANIA AGRICULTURAL EXPERIMENT STATION, UNIVERSITY PARK. VT 011 233 Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture.	870	PITTSBURGH, PA. SCHOOL OF EDUCATION. VT 011 824 Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.	855
PENNSYLVANIA STATE DEPT. OF COMMUNITY AFFAIRS. VT 010 472 Neighborhood Youth Corps--New Careers.	844	POITEVIN, HOWARD LAVERNE VT 011 754 Factors Related to Occupational Status of Male Graduates of West Union, North High School.	825
PENNSYLVANIA STATE DEPT. OF PUBLIC WELFARE, HARRISBURG. VT 010 472 Neighborhood Youth Corps--New Careers.	844	POTTER, THEODORE LEE VT 011 772 A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.	837
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF VOCATIONAL EDUCATION. VT 011 015 Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	878	PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED, WASHINGTON, D.C. VT 010 179 ED 042 878 PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).	843

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
VT 011 014 These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.	847	REHABILITATION RESEARCH FOUNDATION, ELMORE, ALA. DRAPER CORRECTIONAL CENTER.	
VT 011 266 Helping the Handicapped in Rural Areas.	848	VT 011 009 The Acquisition of Standard English Speech Habits Using Second- Language Techniques, Summary Report.	877
PRESIDENT'S COMMITTEE ON MENTAL RETARDATION, WASHINGTON, D.C.		RESNICK, HAROLD S.	
VT 011 014 These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.	847	VT 011 473 ED 043 738 THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	781
PRICE, RAY G., ED.		RHODE ISLAND OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT, PROVIDENCE.	
VT 011 770 Assessment of Educational Programs.	836	VT 009 915 A Survey of Special Needs Students in Rhode Island.	842
PRINCE EDWARD ISLAND NEWSTART, INC., MONTAGUE (CANADA).		RIESSMAN, FRANK	
VT 011 867 Evaluation of a Program of Training for Day Care Attendants.	857	VT 011 156 ED 043 733 NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.	848
VT 011 937 Some Results of a Training Program for Non-Professional Medical Personnel.	857	ROSSI, PETER H.	
PUBLIC EDUCATION ASSOCIATION, NEW YORK, N.Y. COMMITTEE ON EDUCATION, GUIDANCE, AND WORK.		VT 011 630 ED 042 055 GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	850
VT 010 436 Training for the Automotive Trades in New York City.	833	ROUTH, JERRY DOYLE	
PUCEL, DAVID J., AND OTHERS		VT 011 635 ED 042 057 THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.	879
VT 011 749 ED 043 757 DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	836	RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. DEPT. OF VOCATIONAL-TECHNICAL EDUCATION.	
PURDUE UNIV., LAFAYETTE, IND. OFFICE OF MANPOWER STUDIES.		VT 011 638 A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	861
VT 011 813 75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	828	SAINT LOUIS BOARD OF EDUCATION, MO.	
RANDOLPH (A. PHILLIP) EDUCATIONAL FUND, NEW YORK, N.Y.		VT 010 323 ED 042 881 A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).	768
VT 011 156 ED 043 733 NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.	848	SAINT LOUIS JUNIOR COLLEGE DISTRICT, MO.	
RAO, B. S. VENKATA		VT 009 389 Articulation of Courses and Curricula for Industrial Teacher Preparation.	868
VT 011 849 ED 043 768 EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.	797		
RASMUSSEN, SANDRA, AND OTHERS			
VT 011 544 Stepping Stones in Nursing Education.	821		



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
SAINT LOUIS REGIONAL INDUSTRIAL DEVELOPMENT CORP., MO. VT 011 199 Employment Multipliers and Employment Projections, the St. Louis Region.	817	SLATER, JOHN BREISCH VT 011 685 ED 043 743 SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	871
SALES, T. BRADFORD VT 011 693 ED 042 912 JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	789	SMITH, BRANDON B. VT 011 780 ED 043 759 SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.	806
SAN MATEO UNION HIGH SCHOOL DISTRICT, CALIF. VT 007 242 ED 043 727 TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.	804	SMITH, J. VERNON, AND OTHERS VT 011 475 ED 042 905 CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	850
SANDERSON FILMS, INC., WICHITA, KANS. AVIATION VISUAL AIDS. VT 011 018 High School Aviation Aerospace Education Status Report.	774	SMITH, WILLIAM H.T. VT 011 408 Some Guidelines for Successful Police-Community Relations Training Programs.	778
SANTA FE JUNIOR COLL., GAINESVILLE, FLA. VT 010 473 ED 042 884 ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINESVILLE, FLORIDA, JUNE 1969).	864	SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. VT 011 266 Helping the Handicapped in Rural Areas.	848
SCHNACK, D., ED. VT 011 010 The Ohio Apprenticeship Notebook for School Counselors.	864	SOCIAL AND REHABILITATION SERVICE (DHEW), WASHINGTON, D.C. OFFICE OF RESEARCH, DEMONSTRATIONS, AND TRAINING. VT 011 800 ED 043 762 RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	885
SEAMES (THAILAND). VT 010 983 Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.	772	SOCIAL, EDUCATIONAL RESEARCH AND DEVELOPMENT, INC., CHICAGO, ILL. VT 008 531 Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.	765
SEDIVY, EVELYN, ED. VT 011 326 Handbook of Aerospace-Related Occupations.	865	SOUTH DAKOTA UNIV., VERMILLION. DEPT. OF PSYCHOLOGY. VT 011 849 ED 043 767 AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.	837
SHEA, JOHN R., AND OTHERS VT 011 734 ED 043 755 DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.	825	SOUTH-WESTERN PUBLISHING CO., CINCINNATI, OHIO. VT 011 722 Requirements for Office and Distributive Education Teacher-Coordination.	973
SHRIVER, EDGAR L. VT 010 913 A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	877		
SIKLOS, T. VT 011 655 Partnership Incorporated: An Account of a Joint Effort to Solve the Problems of Apprentice Training.	786		

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
TAZIRI, KIMMIE		VT 010 699	770
VT 011 705 FD 043 751	789	Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.		VT 010 700	863
TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.		Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).	
VT 011 443	819	VT 010 701	771
Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.		Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.	
VT 011 444 ED 042 902	820	VT 010 740	804
DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.		Training and Technology; Worker Training Curriculum, Phase I.	
VT 011 826 ED 043 764	829	VT 011 580	783
DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.		Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.	
TENNESSEE DEPT. OF EMPLOYMENT SECURITY, NASHVILLE.		VT 011 740	854
VT 011 580	783	Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).	
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		TEXAS ADVISORY COUNCIL FOR TECHNICAL-VOCATIONAL EDUCATION, AUSTIN.	
TENNESSEE STATE BOARD FOR VOCATIONAL EDUCATION, NASHVILLE.		VT 011 076	835
VT 011 273	804	A Concerned Texas.	
Program Services Special Needs Workshop, 1968.		VT 011 908	799
TENNESSEE STATE DEPT. OF EDUCATION, NASHVILLE. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 580	783	THRASH, JIMMIE FORD	
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		VT 011 702 ED 042 913	880
TENNESSEE UNIV., KNOXVILLE.		THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	
VT 010 146	843	TIEDEMAN, DAVID V., AND OTHERS	
Training and Technology: Organized Labor's Participation in a Training Experiment.		VT 011 560 ED 042 046	783
VT 010 694	769	AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.	
Training and Technology; TAT Industrial Conference Proceedings, 1968.		TREXLER, ROBERT C.	
VT 010 698	770	VT 010 913	877
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	
		TUCKMAN, BRUCE W.	
		VT 011 638	861
		A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	
		TUMA, JOSEPH V.	
		VT 010 071	842
		Job Training for the Disadvantaged.	

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS, ATLANTA, GA. COMMITTEE ON OCCUPATIONAL EDUCATION.		VT 011 851 ED 043 769	830
VT 011 957	801	EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.	
Operational Policies of the Committee on Occupational Education.		VT 011 964 ED 043 784	801
VT 011 959	839	PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
Tentative Standards of the Committee on Occupational Education.		VT 011 965 ED 043 785	840
		ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	
SOUTHERN ILLINOIS UNIV., CARBONDALE.		VT 011 966 ED 043 786	801
VT 009 389	868	ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.	
Articulation of Courses and Curricula for Industrial Teacher Preparation.			
SOUTHERN ILLINOIS UNIV., CARBONDALE. CENTER FOR THE STUDY OF CRIME, DELINQUENCY AND CORRECTIONS.		STANISLAUS COUNTY DEPT. OF EDUCATION, MODESTO, CALIF.	
VT 010 712 ED 042 888	844	VT 006 469	832
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.		An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.	
SOUTHERN REGIONAL EDUCATION BOARD, ATLANTA, GA.			
VT 011 814	828	STATE UNIV. OF NEW YORK, ITHACA. COLL. OF AGRICULTURE AT CORNELL.	
Training and Technology: Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).		VT 011 673	822
VT 011 858	856	The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.	
Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).		VT 011 674	823
		The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.	
SPIEGEL, JEANNE			
VT 009 885	812	STATE UNIV. OF NEW YORK, ITHACA. SCHOOL OF INDUSTRIAL AND LABOR RELATIONS AT CORNELL UNIV.	
Working Mothers: A Selected Annotated Bibliography.		VT 006 270	809
SPRECHER, ROBERT E.		Meeting Manpower Shortages, A Review of Reported Experience.	
VT 011 634 ED 043 740	871		
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		STEINER, TOM	
		VT 011 755	825
SRB, JOZETTA H.		Oklahoma Farm Labor Report.	
VT 006 270	809		
Meeting Manpower Shortages, A Review of Reported Experience.		TAYLOR, KENNETH E.	
		VT 009 540	810
STALEY, EUGENE		Prediction of Individual Job Turnover From Measured Job Satisfaction.	
VT 011 964 ED 043 784	801		
PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.		TAYLOR, M.H.	
		VT 011 656	786
STANFORD UNIV., CALIF. STANFORD INTERNATIONAL DEVELOPMENT EDUCATION CENTER.		Further Education for Operatives.	
VT 011 849 ED 043 768	797		
EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.		TAYLOR, ROBERT E.	
		VT 011 787	793
		Relevancy in Agricultural Education.	

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
TAZIRI, KIMMIE		VT 010 699	770
VT 011 705 ED 043 751	789	Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.		VT 010 700	863
TECHNICAL EDUCATION RESEARCH CENTER, CAMBRIDGE, MASS.		Training and Technology; Recruitment: In-Service Vocational-Technical Teacher Institute (1967).	
VT 011 443	819	VT 010 701	771
Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.		Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.	
VT 011 444 ED 042 902	820	VT 010 740	804
DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.		Training and Technology; Worker Training Curriculum, Phase I.	
VT 011 826 ED 043 764	829	VT 011 580	783
DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.		Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.	
TENNESSEE DEPT. OF EMPLOYMENT SECURITY, NASHVILLE.		VT 011 740	854
VT 011 580	783	Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).	
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		TEXAS ADVISORY COUNCIL FOR TECHNICAL-VOCATIONAL EDUCATION, AUSTIN.	
TENNESSEE STATE BOARD FOR VOCATIONAL EDUCATION, NASHVILLE.		VT 011 076	835
VT 011 273	804	A Concerned Texas.	
Program Services Special Needs Workshop, 1968.		VT 011 908	799
TENNESSEE STATE DEPT. OF EDUCATION, NASHVILLE. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 580	783	THRASH, JIMMIE FORD	
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		VT 011 702 ED 042 913	880
TENNESSEE UNIV., KNOXVILLE.		THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	
VT 010 146	843	TIEDEMAN, DAVID V., AND OTHERS	
Training and Technology: Organized Labor's Participation in a Training Experiment.		VT 011 560 ED 042 046	783
VT 010 694	769	AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.	
Training and Technology; TAT Industrial Conference Proceedings, 1968.		TREXLER, ROBERT C.	
VT 010 698	770	VT 010 913	877
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	
		TUCKMAN, BRUCE W.	
		VT 011 638	861
		A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	
		TUNA, JOSEPH V.	
		VT 010 071	842
		Job Training for the Disadvantaged.	



## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
UNION CARBIDE CORP., OAK RIDGE, TENN. NUCLEAR DIV. VT 010 146	843	VERMEULEN, ROBERT VT 011 552	782
Training and Technology: Organized Labor's Participation in a Training Experiment.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 010 694	769	VETERANS ADMINISTRATION, WASHINGTON, D.C. OFFICE OF THE ADMINISTRATOR OF VETERANS AFFAIRS. VT 011 866	856
Training and Technology; TAT Industrial Conference Proceedings, 1968.		Two Years of Outreach, 1968-1970.	
VT 010 698	770	WINNES, HAROLD B., AND OTHERS VT 010 073	833
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		Analysis of Work Release for Felons in Minnesota.	
VT 010 699	770	VOCATIONAL GUIDANCE MANUALS, NEW YORK, N.Y. VT 011 083	816
Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.		Opportunities in Graphic Arts Careers.	
VT 010 700	868	WAGE AND LABOR STANDARDS ADMINISTRATION (DOL), WASHINGTON, D.C. BUREAU OF LABOR STANDARDS. VT 011 805	795
Training and Technology; Recruitment: In-Service Vocational- Technical Teacher Institute (1967).		Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.	
VT 010 701	771	WAGE AND LABOR STANDARDS ADMINISTRATION (DOL), WASHINGTON, D.C. WAGE AND HOUR DIV. VT 011 832	830
Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.		Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.	
VT 010 740	804	WAISNER, GARY LEE VT 011 631 ED 043 739	878
Training and Technology; Worker Training Curriculum, Phase I.		TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.	
VT 011 580	783	WARD, JOSEPH S., AND OTHERS VT 011 259	776
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.	
VT 011 740	854	WASHINGTON STATE EMPLOYMENT SECURITY DEPT., OLYMPIA. VT 009 633	811
Training and Technology; Tour-- Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).		Technological Changes in Sawmill Occupations.	
UPJOHN (W.E.) INST. FOR EMPLOYMENT RESEARCH, KALAMAZOO, MICH. VT 011 539 ED 042 907	781	WASHINGTON STATE UNIV., PULLMAN. BUREAU OF ECONOMIC AND BUSINESS RESEARCH. VT 011 104	816
PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.		Lewiston-Clarkston Area Manpower Survey.	
VT 011 552	782		
Lincoln Skills Center; The Story of Its Struggles and Successes.			
UTAH RESEARCH COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION, SALT LAKE CITY. VT 011 828	796		
Status of Adult Vocational Education in Utah.			
UTAH STATE DEPT. OF EMPLOYMENT SECURITY, SALT LAKE CITY. VT 011 229 ED 040 292	776		
SELECTED HEALTH SERVICE OCCUPATIONS.			

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE		PAGE
WATSON, CICELY VT 011 310 A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks. VT 011 311 Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.	818  818	WILSON, ROGER JOHN VT 011 859 ED 043 770 AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.	838
WEBER, EDWIN JUNIOR VT 011 675 The Development of Performance Objectives for Teacher- Coordinators of Cooperative Occupational Training Programs.	871	WINTERS, KENNETH WAYNE VT 011 688 ED 043 746 A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.	836
WEISS, DAVID J. VT 009 540 Prediction of Individual Job Turnover From Measured Job Satisfaction.	810	WISCONSIN STATE DEPT. OF INDUSTRY, LABOR, AND HUMAN RELATIONS, EAU CLAIRE. EMPLOYMENT SERVICE. VT 011 026 Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.	816
WEISSMAN, HAROLD H., ED. VT 011 658 Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	851	WISCONSIN STATE EMPLOYMENT SERVICE, MADISON. VT 006 210 A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.	808
WENDT, A. DAVID VT 010 952 A Principle in Time.	772	WISCONSIN UNIV., MADISON. VT 011 780 ED 043 759 SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.	806
WESTERN WYOMING COMMUNITY COLL., ROCK SPRINGS. DEPT. OF VOCATIONAL EDUCATION. VT 011 802 A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational- Technical Education.	794	WISCONSIN UNIV., MADISON. DEPT. OF RURAL SOCIOLOGY. VT 011 758 Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).	885
WHEATLEY, D.E. VT 011 656 Further Education for Operatives.	786	WISCONSIN UNIV., MADISON. INDUSTRIAL RELATIONS RESEARCH INST. VT 010 587 ED 042 886 CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.	860
WHITING, BASIL J. VT 010 914 Developing Our Wasted Human Resources.	771	WOODIN, RALPH J. VT 011 846 The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.	873
WILLIAMS, MARY H., ED. VT 011 326 Handbook of Aerospace-Related Occupations.	865	WORK OPPORTUNITY CENTER, MINNEAPOLIS, MINN. VT 009 596 Measurement of Attitudinal Changes by Means of an Adjective Check List.	833
WILLIAMS, ROBERT TRAVIS VT 011 876 An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	798		

## PERSONAL AND INSTITUTIONAL AUTHOR INDEX

	PAGE	PAGE
WYOMING RESEARCH COORDINATING UNIT IN VOCATIONAL-TECHNICAL EDUCATION, CHEYENNE.		
VT 011 894      ED 043 774	799	
FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.		
WYOMING STATE EMPLOYMENT SERVICE, ROCK SPRINGS.		
VT 011 802	794	
A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational- Technical Education.		
YMCA OF PENNSYLVANIA, HARRISBURG.		
VT 010 472	844	
Neighborhood Youth Corps--New Careers.		

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
AGRICULTURAL EDUCATION		VT 011 860	798
VT 009 804	812	Guidelines for an Extension Educational Program in Transportation.	
Manpower Outlook '80: Arizona Agriculture.		VT 011 909	830
VT 010 366	814	A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.	
Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.		BUSINESS AND OFFICE EDUCATION	
VT 010 525 ED 042 885	876	VT 007 242 ED 043 727	804
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.		TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.	
VT 011 233	870	VT 011 094 ED 042 893	869
Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture.		VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.	
VT 011 344	865	VT 011 727 ED 043 754	881
A Job with the Forest Service.		BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.	
VT 011 451 ED 043 737	780	VT 011 770	836
BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.		Assessment of Educational Programs.	
VT 011 736 ED 042 921	881	DISTRIBUTIVE EDUCATION	
EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.		VT 011 692	788
VT 011 757 ED 042 922	826	Post Secondary Distributive Education.	
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.		VT 011 702 ED 042 913	880
VT 011 760 ED 042 923	882	THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	
AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS OF AN AUDIO-TUTORIAL METHOD IN TEACHING VOCATIONAL AGRICULTURE.		VT 011 707 ED 042 915	872
VT 011 772	837	DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	
A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.		VT 011 722	873
VT 011 774	826	Requirements for Office and Distributive Education Teacher-Coordination.	
A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.		HEALTH OCCUPATIONS EDUCATION	
VT 011 787	793	VT 006 861	832
Relevancy in Agricultural Education.		The Utilization of Associate Degree Nursing Graduates in General Hospitals.	
VT 011 806	795	VT 009 276	810
National Workshop of Professional Leaders in PFA, Proceedings, 1969.		Nursing in Hawaii, 1968.	
VT 011 832	830	VT 010 554	876
Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.		A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program.	
VT 011 846	873	VT 010 974	869
The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.		Seminar for Instructors and Directors of Selected Health Related Programs, 1969.	
		VT 011 077	775
		Health Manpower Annual Conference, 1969.	
		VT 011 229 ED 040 292	776
		SELECTED HEALTH SERVICE OCCUPATIONS.	



## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 435	779	VT 011 600	805
New Patterns of Health Care: The Physician's Assistant.		ED 042 053	
VT 011 443	819	HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A	
Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.		DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	
VT 011 444	820	VT 011 719	824
ED 042 902		Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	
DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.		VT 011 801	873
VT 011 544	821	A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.	
Stepping Stones in Nursing Education.		VT 011 810	854
VT 011 599	821	The Teacher of Home Economics; Reaching Out to Those We Teach.	
The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.		VT 011 817	855
VT 011 700	851	ED 043 763	
ED 043 749		HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.	
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.		VT 011 854	856
VT 011 728	884	Home Economics and the Disadvantaged.	
ED 042 919		VT 011 867	857
INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.		Evaluation of a Program of Training for Day Care Attendants.	
VT 011 730	805	VT 011 879	862
Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.		ED 043 773	
VT 011 792	793	REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
ED 043 760			
DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.		INDUSTRIAL ARTS EDUCATION	
VT 011 831	796	VT 009 389	868
ED 043 765		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.		VT 011 193	776
VT 011 836	796	ED 043 734	
ED 043 766		INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.	
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.		VT 011 473	781
VT 011 937	857	ED 043 738	
Some Results of a Training Program for Non-Professional Medical Personnel.		THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	
		VT 011 631	878
HOME ECONOMICS EDUCATION		ED 043 739	
VT 007 344	860	TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.	
ED 043 728		VT 011 632	879
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		ED 042 909	
VT 009 885	812	RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	
Working Mothers: A Selected Annotated Bibliography.		VT 011 683	787
VT 009 947	813	ED 043 741	
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.		ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
VT 010 136	768	VT 011 684	835
ED 043 742		A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	
Programs for Career Opportunities in Child Development.			
VT 010 997	864		
Careers in Home Economics.			

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 435	779	VT 011 600	805
New Patterns of Health Care: The Physician's Assistant.		ED 042 053	
VT 011 443	819	HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	
Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.		VT 011 719	824
VT 011 444	820	Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	
ED 042 902		VT 011 801	873
DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.		A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.	
VT 011 544	821	VT 011 810	854
Stepping Stones in Nursing Education.		The Teacher of Home Economics; Reaching Out to Those We Teach.	
VT 011 599	821	VT 011 817	855
The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.		ED 043 763	
VT 011 700	851	HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.	
ED 043 749		VT 011 854	856
MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.		Home Economics and the Disadvantaged.	
VT 011 728	884	VT 011 867	857
ED 042 919		Evaluation of a Program of Training for Day Care Attendants.	
INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.		VT 011 879	862
VT 011 730	805	ED 043 773	
Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.		REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
VT 011 792	793	INDUSTRIAL ARTS EDUCATION	
ED 043 760		VT 009 389	868
DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
VT 011 831	796	VT 011 193	776
ED 043 765		ED 043 734	
ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.		INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.	
VT 011 836	796	VT 011 473	781
ED 043 766		ED 043 738	
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.		THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	
VT 011 937	857	VT 011 631	878
Some Results of a Training Program for Non-Professional Medical Personnel.		ED 043 739	
HOME ECONOMICS EDUCATION		TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.	
VT 007 344	860	VT 011 632	879
ED 043 728		ED 042 909	
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	
VT 009 885	812	VT 011 683	787
Working Mothers: A Selected Annotated Bibliography.		ED 043 741	
VT 009 947	813	ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.		VT 011 684	835
VT 010 136	768	ED 043 742	
Programs for Career Opportunities in Child Development.		A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	
VT 010 997	864		
Careers in Home Economics.			

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 685      ED 043 743	871	VT 006 312	809
SPECIFIC NEEDS FOR UPDATING		Summary of Employment Security	
EDUCATIONAL EXPERIENCES AS REPORTED		Statistical Reports.	
BY INSTRUCTORS OF ELECTRONICS IN		VT 007 815      ED 042 873	809
INDUSTRIAL EDUCATION DEPARTMENTS OF		TRANSFERRING MILITARY EXPERIENCE TO	
COLLEGES AND UNIVERSITIES.		CIVILIAN JOBS. A STUDY OF SELECTED	
VT 011 687      ED 043 745	788	AIR FORCE VETERANS.	
AN INVESTIGATION OF ATTITUDES HELD		MANPOWER/AUTOMATION RESEARCH	
BY INDUSTRIAL ARTS EDUCATORS TOWARD		MONOGRAPH NO. 8.	
THE QUESTION OF A UNIFORM		VT 008 243	765
NATIONWIDE CURRICULUM FOR		Federal Programs for the	
INDUSTRIAL ARTS.		Development of Human Resources.	
VT 011 688      ED 043 746	836	Vol. I.	
A SURVEY OF INDUSTRIAL ARTS TEACHER		VT 009 570	810
EDUCATION AND TECHNICAL/TECHNOLOGY		Workers' Attitudes and the	
GRADUATES OF MURRAY STATE		Acceptability of Shiftwork in New	
UNIVERSITY WITH IMPLICATIONS FOR		Zealand Manufacturing Industry.	
CURRICULUM REVISION.		VT 009 598	811
VT 011 689      ED 043 747	872	Labor Force Status and Other	
AN INVESTIGATION OF OFFERINGS OF		Characteristics in Three	
INDUSTRIAL ARTS TEACHER EDUCATION		Indianapolis Neighborhoods.	
INSTITUTIONS IN THE AREAS OF		VT 009 601	811
AUTOMATION AND CYBERNETICS AS		Manpower Horizons '75.	
COMPARED WITH CURRENT PRACTICES IN		VT 009 760	767
INDUSTRY.		Assessing the Economic Scene.	
VT 011 691      ED 043 748	880	VT 009 929	842
THE DEVELOPMENT OF A SYSTEM TO		Bridging the Employment Gap:	
ANALYZE TEACHER-STUDENT INTERACTION		Strategies for Success, and Causes,	
IN JUNIOR HIGH SCHOOL INDUSTRIAL		Consequences, and Cures for Labor	
ARTS CLASSROOMS.		Turnover Problems.	
VT 011 759      ED 043 758	882	VT 010 072      ED 042 877	767
A QUASI-EXPERIMENTAL STUDY OF TWO		TRANSITION FROM SCHOOL TO WORK IN	
SELECTED UNITS OF THE INDUSTRIAL		SELECTED COUNTRIES.	
ARTS CURRICULUM PROJECT MATERIALS		VT 010 073	833
TO DETERMINE THE MEASURABLE		Analysis of Work Release for Felons	
ADDITIVE EFFECTS OF A UNIT ON		in Minnesota.	
DESIGN IN MANUFACTURING TECHNOLOGY		VT 010 115	813
UPON A SIMILAR UNIT ON DESIGN IN		Nevada Health Manpower Program,	
CONSTRUCTION TECHNOLOGY.		Part I.	
VT 011 863      ED 043 771	885	VT 010 179      ED 042 878	843
INDUSTRIAL ARTS TECHNOLOGY		PROCEEDINGS OF THE PANEL ON	
BIBLIOGRAPHY; AN ANNOTATED		INTERNATIONAL REHABILITATION	
REFERENCE FOR LIBRARIANS.		(WASHINGTON, D.C., MAY 2, 1968).	
MANPOWER ECONOMICS		VT 010 264      ED 042 879	843
VT 001 106      ED 043 725	764	EVALUATION OF FACTORS DETERMINING	
THE LABOR MARKET FRAMEWORK OF JOB		THE RESULTS OF VOCATIONAL	
DEVELOPMENT: SOME PROBLEMS AND		REHABILITATION. NORWEGIAN	
PROSPECTS. MANPOWER TRAINING		MONOGRAPHS ON MEDICAL SCIENCE.	
SERIES.		VT 010 367	814
VT 003 298      ED 043 726	808	Changing Patterns; A Report on the	
MEASURING JOB VACANCIES, A		Federal Women's Program Review	
FEASIBILITY STUDY IN THE ROCHESTER,		Seminar.	
N.Y. AREA. STUDIES IN BUSINESS		VT 010 375      ED 042 882	844
ECONOMICS NO. 97.		REPORT ON EXPERIMENTAL AND	
VT 003 396      ED 042 872	808	DEMONSTRATION MANPOWER PROJECT FOR	
WOMANPOWER POLICIES FOR THE 1970'S.		THE TIDE PROGRAM, AS AN EXTENSION	
SEMINAR ON MANPOWER POLICY AND		OF THE SUMMER YOUTH DEMONSTRATION	
PROGRAM (WASHINGTON, D.C., APRIL		PROGRAM IN YOUTH OPPORTUNITY	
13, 1967).		CENTERS.	
VT 006 210	808	VT 010 472	844
A Study of the Employability		Neighborhood Youth Corps--New	
Factors and Needs of Wisconsin		Careers.	
Tribal Indians.		VT 010 694	769
VT 006 270	809	Training and Technology; TAT	
Meeting Manpower Shortages, A		Industrial Conference Proceedings,	
Review of Reported Experience.		1968.	



## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 010 698	770	VT 011 104	816
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		Lewiston-Clarkston Area Manpower Survey.	
VT 010 700	868	VT 011 156 ED 043 733	848
Training and Technology Recruitment: In-Service Vocational-Technical Teacher Institute (1967).		NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.	
VT 010 701	771	VT 011 198	817
Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.		Seasonal Unemployment in the Construction Industry. Report and Recommendations.	
VT 010 710	814	VT 011 199	817
The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.		Employment Multipliers and Employment Projections, the St. Louis Region.	
VT 010 712 ED 042 888	844	VT 011 259	776
WORK RELEASE: FACTORS IN SELECTION AND RESULTS.		Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.	
VT 010 739	815	VT 011 293	848
Unemployment Insurance Claimants, 1963-1964.		Special Job Creation for the Hard-to-Employ in Western Europe.	
VT 010 741 ED 042 889	845	VT 011 310	818
ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.		A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.	
VT 010 885	845	VT 011 311	818
The Negro Worker in the Chicago Labor Market.		Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.	
VT 010 914	771	VT 011 325	777
Developing Our Wasted Human Resources.		The Crisis in Construction; There Is an Answer.	
VT 010 979 ED 042 891	846	VT 011 328 ED 043 735	849
MANPOWER INFORMATION FOR URBAN POVERTY AREAS.		OPERATION JOB START. FINAL REPORT.	
VT 010 982	834	VT 011 333 ED 042 896	861
Skill Training for the Disadvantaged: Problems of Assessment.		REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).	
VT 010 983	772	VT 011 345	818
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		Technical Manpower, 1966-80.	
VT 010 996	815	VT 011 368	819
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		Arkansas' Manpower Needs.	
VT 011 004 ED 042 892	847	VT 011 442	819
RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.		New Hampshire Occupations in 1975.	
VT 011 014	847	VT 011 460	820
These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.		Occupations and Trends in the Dairy Industry.	
VT 011 026	816	VT 011 469 ED 042 903	780
Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.		LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	
VT 011 090	847	VT 011 474 ED 042 904	849
Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.		CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7	
		VT 011 475 ED 042 905	850
		CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	
		VT 011 553	782
		Supervision in the Missouri Wood Products Industry.	
		VT 011 576	821
		Apprenticeship in Arizona.	



## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 579	850	VT 011 740	854
Employment Patterns Affecting Minority Persons in Hotels, Motels, and Restaurants in Ohio.		Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).	
VT 011 580	783	VT 011 751	854
Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.		Black Builders; A Job Program that Works.	
VT 011 588	784	VT 011 755	825
Job Instruction Training. A Job Analysis and Evaluation Workshop Conference.		Oklahoma Farm Labor Report.	
VT 011 615	784	VT 011 783	827
Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.		Occupational Opportunities in Nebraska. 1970 Report. NCUVE Series: No. 11.	
VT 011 630 ED 042 055	850	VT 011 789	827
GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.		Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.	
VT 011 647	822	VT 011 804	794
Manpower Directions in New York State 1965-1975, Technical Supplement.		Good Training, Good Jobs: MDTA. Facts for Manpower Administrators.	
VT 011 652	861	VT 011 809	828
A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.		Kansas Migration and Employment 1960-1968.	
VT 011 658	851	VT 011 813	828
Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.		75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	
VT 011 672	822	VT 011 814	828
City Employment in 1969.		Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	
VT 011 673	822	VT 011 823	829
The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.		Labor in the Textile and Apparel Industries.	
VT 011 674	823	VT 011 826 ED 043 764	829
The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.		DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.	
VT 011 680	823	VT 011 827	855
Injury Rates in the Construction Industry New York State, 1968.		The General Education Development (GED) Program at Training and Technology.	
VT 011 697	824	VT 011 855	797
Hiring Standards and Job Performance.		Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).	
VT 011 701 ED 043 750	852	VT 011 858	856
OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.		Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).	
VT 011 734 ED 043 755	825	VT 011 875 ED 043 772	857
DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
VT 011 739	853		
Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.			

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
OCCUPATIONAL PSYCHOLOGY		VT 009 606	864
VT 009 540	810	Career Opportunities Through Apprenticeship.	
Prediction of Individual Job Turnover From Measured Job Satisfaction.		VT 009 633	811
		Technological Changes in Sawmill Occupations.	
TECHNICAL EDUCATION		VT 010 146	843
VT 010 146	843	Training and Technology: Organized Labor's Participation in a Training Experiment.	
Training and Technology: Organized Labor's Participation in a Training Experiment.		VT 010 241	768
VT 010 271	868	National Policy of Apprenticeship for Machinist (Automatic Screw-Machines).	
Qualifications for Technical Teachers in Engineering Technologies.		VT 010 436	833
VT 010 650	769	Training for the Automotive Trades in New York City.	
ED 042 887		VT 010 652	769
GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.		National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.	
VT 010 699	770	VT 010 913	877
Training and Technology: First Cycle Report, Industrial Skill and Technical Training Program.		A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	
VT 010 913	877	VT 010 917	815
A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.		ED 042 890	
VT 010 915	877	A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.	
The Captive Helicopter as a Training Device.		VT 010 987	772
VT 010 987	772	Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).		VT 010 988	773
VT 010 988	773	Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).		VT 010 990	773
VT 010 990	773	Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).	
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).		VT 011 010	864
VT 011 017	774	The Ohio Apprenticeship Notebook for School Counselors.	
Survey of Federal Aviation Agency Approved Mechanic School Programs.		VT 011 012	834
VT 011 146	817	Survey of Graduates of the Joseph Bulova School of Watchmaking.	
The Feasibility of Oregon Community Colleges and Secondary Schools offering Civil Aviation Occupational Education.		VT 011 015	878
VT 011 326	865	Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	
Handbook of Aerospace-Related Occupations.		VT 011 019	834
VT 011 586	783	The Extent of Registered Apprentice Training in New York State, 1967.	
Preparation of Technicians for Environmental Control.		VT 011 186	865
VT 011 785	792	Careers in the Logging Industry.	
Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.		VT 011 383	778
TRADE AND INDUSTRIAL EDUCATION		The Construction Industry: Selected References, 1960-1969.	
VT 009 381	876	VT 011 390	778
The Discovery Method in Training.		A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.	

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 478	820	VT 009 596	833
Occupations in the Film Processing and Finishing Industry.		Measurement of Attitudinal Changes by Means of an Adjective Check List.	
VT 011 543	782	VT 009 604	765
Building Trades, Skopje, Yugoslavia Training Centre.		Guidelines for Cooperative Education Coordinator.	
VT 011 653	785	VT 009 642 ED 042 876	766
Further Education for Technicians.		APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.	
VT 011 654	785	VT 009 688 ED 034 053	860
Education for the Printing Industry.		IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.	
VT 011 655	786	VT 009 758	766
Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.		Approval Criteria for Area Secondary Vocational Centers in Illinois.	
VT 011 656	786	VT 009 892	812
Further Education for Operatives.		Occupational Profile; City of San Francisco.	
VT 011 690 ED 042 911	823	VT 009 915	842
COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.		A Survey of Special Needs Students in Rhode Island.	
VT 011 720	824	VT 010 071	842
Skills and Knowledge Needed by Personnel in Architectural Drafting.		Job Training for the Disadvantaged.	
VT 011 805	795	VT 010 135	767
Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.		Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.	
VT 011 851 ED 043 769	830	VT 010 271	868
EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.		Qualifications for Technical Teachers in Engineering Technologies.	
VT 011 965 ED 043 785	840	VT 010 323 ED 042 881	768
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.		A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).	
VT 011 966 ED 043 786	801	VT 010 473 ED 042 884	864
ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.		ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).	
GENERAL VOCATIONAL AND TECHNICAL EDUCATION		VT 010 502	824
VT 006 469	832	Survey of Vocational Education and Training.	
An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.		VT 010 587 ED 042 886	860
VT 006 685	764	CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.	
The development of Post-High School Technical-Vocational Education in Oklahoma.		VT 010 650 ED 042 887	769
VT 007 637 ED 043 729	764	GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.	
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2--APPENDIX.		VT 010 699	770
VT 008 531	765	Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.	
Vocational Education: A Feasibility Study for the Suburbs of Tomorrow. Vol. I.		VT 010 740	804
VT 009 394	832	Training and Technology; Worker Training Curriculum, Phase I.	
Skill and Operative Selection for Fine Manual Tasks.		VT 010 751	845
		The Vocational Adjustment of Special Class Students.	



## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 634 ED 043 740	871	VT 011 742	790
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	
VT 011 635 ED 042 057	879	VT 011 745 ED 043 756	790
THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.		COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.	
VT 011 637 ED 042 058	880	VT 011 749 ED 043 757	836
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.		DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	
VT 011 638	861	VT 011 754	825
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.		Factors Related to Occupational Status of Male Graduates of West Union, North High School.	
VT 011 641	785	VT 011 758	885
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.		Preliminary Bibliograph Studies Employing the OAS (Occupational Aspiration Scale).	
VT 011 657	787	VT 011 766 ED 042 926	791
Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.		GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.	
VT 011 675	871	VT 011 769	826
The Development of Performance Objectives for Teacher-Coordiators of Cooperative Occupational Training Programs.		Motivational Conflict and Employment Instability.	
VT 011 681	787	VT 011 771 ED 042 927	791
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.		COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.	
VT 011 693 ED 042 912	789	VT 011 777	792
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.		Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).	
VT 011 703 ED 042 914	789	VT 011 778	792
PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.		Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).	
VT 011 705 ED 043 751	789	VT 011 780 ED 043 759	806
THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.		SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.	
VT 011 706 ED 043 752	790	VT 011 784	827
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.		A Look at the Job Market in Idaho.	
VT 011 708 ED 042 916	852	VT 011 785	792
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.		Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.	
VT 011 715	852	VT 011 786	866
Project PRIDE (Prescribed Reinforcement Involving Differentiated Education).		A Conversation with Lynda.	
VT 011 724 ED 042 918	853	VT 011 798	793
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		Ohio Advisory Council for Vocational Education, First Report.	
VT 011 725 ED 043 753	884	VT 011 799	794
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.		Career Education in Oregon.	
		VT 011 800 ED 043 762	885
		RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	



## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 010 915	877	VT 011 326	865
The Captive Helicopter as a Training Device.		Handbook of Aerospace-Related Occupations.	
VT 010 935	771	VT 011 364	777
Directions '70, Summary of A Vocational Education Leadership Conference, 1969.		A Plan for Career Development in the Public Schools of the District of Columbia.	
VT 010 944	846	VT 011 372	777
A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.		School to Employment Program. Project Step Report--1968-1969.	
VT 010 952	772	VT 011 401 ED 042 898	866
A Principle in Time.		SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	
VT 010 994 ED 043 730	773	VT 011 408	778
TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.		Some Guidelines for Successful Police-Community Relations Training Programs.	
VT 011 009	877	VT 011 410	779
The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.		New Strategies for Vocational-Technical Education in Urban America.	
VT 011 011	774	VT 011 433 ED 042 901	870
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.		REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.	
VT 011 017	774	VT 011 439 ED 043 736	779
Survey of Federal Aviation Agency Approved Mechanic School Programs.		EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	
VT 011 018	774	VT 011 539 ED 042 907	781
High School Aviation Aerospace Education Status Report.		PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	
VT 011 076	835	VT 011 540 ED 042 908	781
A Concerned Texas.		THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.	
VT 011 083	816	VT 011 552	782
Opportunities in Graphic Arts Careers.		Lincoln Skills Center; The Story of Its Struggles and Successes.	
VT 011 096	869	VT 011 560 ED 042 046	783
The Preparation of Professional Personnel for Vocational Technical Education.		AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.	
VT 011 136 ED 043 732	775	VT 011 586	783
IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).		Preparation of Technicians for Environmental Control.	
VT 011 146	817	VT 011 589	878
The Feasibility of Oregon Community Colleges and Secondary Schools offering Civil Aviation Occupational Education.		A Profile of Vocational-Technical Education, Quincy, Massachusetts.	
VT 011 168	775	VT 011 610	784
Membership Directory of Accredited Private Trade and Technical Schools, 1969-70.		Consumer's Knowledge and Use of Government Grades for Selected Food Items.	
VT 011 266	848		
Helping the Handicapped in Rural Areas.			
VT 011 273	804		
Program Services Special Needs Workshop, 1968.			
VT 011 296	805		
Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.			

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 634 ED 043 740	871	VT 011 742	790
PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.		Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.	
VT 011 635 ED 042 057	879	VT 011 745 ED 043 756	790
THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.		COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.	
VT 011 637 ED 042 058	880	VT 011 749 ED 043 757	836
COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.		DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.	
VT 011 638	861	VT 011 754	825
A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.		Factors Related to Occupational Status of Male Graduates of West Union, North High School.	
VT 011 641	785	VT 011 758	885
Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.		Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).	
VT 011 657	787	VT 011 766 ED 042 926	791
Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.		GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.	
VT 011 675	871	VT 011 769	826
The Development of Performance Objectives for Teacher-Coordination of Cooperative Occupational Training Programs.		Motivational Conflict and Employment Instability.	
VT 011 681	787	VT 011 771 ED 042 927	791
Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.		COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.	
VT 011 693 ED 042 912	789	VT 011 777	792
JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.		Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).	
VT 011 703 ED 042 914	789	VT 011 778	792
PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.		Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).	
VT 011 705 ED 043 751	789	VT 011 780 ED 043 759	806
THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.		SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.	
VT 011 706 ED 043 752	790	VT 011 784	827
ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.		A Look at the Job Market in Idaho.	
VT 011 708 ED 042 916	852	VT 011 785	792
RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.		Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.	
VT 011 715	852	VT 011 786	866
Project PRIDE (Prescribed Reinforcement Involving Differentiated Education).		A Conversation with Lynda.	
VT 011 724 ED 042 918	853	VT 011 798	793
TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.		Ohio Advisory Council for Vocational Education, First Report.	
VT 011 725 ED 043 753	884	VT 011 799	794
AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.		Career Education in Oregon.	
		VT 011 800 ED 043 762	885
		RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	

## VOCATIONAL AND SUPPORTING SERVICES INDEX

	PAGE		PAGE
VT 011 802	794	VT 011 927	839
A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education.		ED 043 776	
VT 011 824	855	A REPORT ON OHIO'S PILOT RESIDENTIAL NDTA PROGRAM. 1964-1966.	
Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.		VT 011 934	839
VT 011 825	795	ED 043 777	
Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).		DESIGN FOR A STUDY OF AMERICAN YOUTH.	
VT 011 828	796	VT 011 942	800
Status of Adult Vocational Education in Utah.		ED 043 779	
VT 011 848	837	NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.	
ED 043 767		VT 011 943	800
AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.		ED 043 780	
VT 011 849	797	A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	
ED 043 768		VT 011 957	801
EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.		Operational Policies of the Committee on Occupational Education.	
VT 011 859	838	VT 011 959	839
ED 043 770		Tentative Standards of the Committee on Occupational Education.	
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.		VT 011 962	862
VT 011 866	856	ED 043 782	
Two Years of Outreach, 1968-1970.		INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.	
VT 011 876	798	VT 011 964	801
An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.		ED 043 784	
VT 011 878	838	PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	
Development of a Scale to Measure Attitudes Toward Vocational Education.		VT 012 031	858
VT 011 892	798	Vocational Education and Poverty.	
Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.		VT 012 164	806
VT 011 894	799	Occupational Preparation, K-12 and Beyond.	
ED 043 774		VT 012 323	802
FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.		Vocational Education: The Bridge Between Man and His Work. Publication 1.	
VT 011 905	830	VT 012 444	886
A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.		ED (SEE APR '71 RIE)	
VT 011 908	799	Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	
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## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 001 106      ED 043 725	764	VT 007 815      ED 042 873	809
THE LABOR MARKET FRAMEWORK OF JOB DEVELOPMENT: SOME PROBLEMS AND PROSPECTS. MANPOWER TRAINING SERIES.		TRANSFERRING MILITARY EXPERIENCE TO CIVILIAN JOBS. A STUDY OF SELECTED AIR FORCE VETERANS. MANPOWER/AUTOMATION RESEARCH MONOGRAPH NO. 8.	
VT 003 298      ED 043 726	808	VT 008 243	765
MEASURING JOB VACANCIES, A FEASIBILITY STUDY IN THE ROCHESTER, N.Y. AREA. STUDIES IN BUSINESS ECONOMICS NO. 97.		Federal Programs for the Development of Human Resources. Vol. I.	
VT 003 396      ED 042 872	808	VT 008 531	765
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VT 006 210	808	VT 009 276	810
A Study of the Employability Factors and Needs of Wisconsin Tribal Indians.		Nursing in Hawaii, 1968.	
VT 006 270	809	VT 009 381	876
Meeting Manpower Shortages, A Review of Reported Experience.		The Discovery Method in Training.	
VT 006 312	809	VT 009 389	868
Summary of Employment Security Statistical Reports.		Articulation of Courses and Curricula for Industrial Teacher Preparation.	
VT 006 469	832	VT 009 394	832
An Evaluation in Stanislaus County Secondary Schools, 1967-1968. Regional Center for Career Information.		Skill and Operative Selection for Fine Manual Tasks.	
VT 006 685	764	VT 009 540	810
The Development of Post-High School Technical-Vocational Education in Oklahoma.		Prediction of Individual Job Turnover From Measured Job Satisfaction.	
VT 006 861	832	VT 009 570	810
The Utilization of Associate Degree Nursing Graduates in General Hospitals.		Workers' Attitudes and the Acceptability of Shiftwork in New Zealand Manufacturing Industry.	
VT 007 242      ED 043 727	804	VT 009 596	833
TERMINAL PERFORMANCE OBJECTIVES FOR A PHASED TYPING PROGRAM IN BUSINESS EDUCATION.		Measurement of Attitudinal Changes by Means of an Adjective Check List.	
VT 007 344      ED 043 728	860	VT 009 598	811
HOME ECONOMICS EDUCATION. HOME ECONOMICS RESEARCH ABSTRACTS: 1967.		Labor Force Status and Other Characteristics in Three Indianapolis Neighborhoods.	
VT 007 637      ED 043 729	764	VT 009 601	811
ENACEMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING, FIRST SESSION 1967, PART 2--APPENDIX.		Manpower Horizons '75.	
		VT 009 604	765
		Guidelines for Cooperative Education Coordinator.	
		VT 009 606	864
		Career Opportunities Through Apprenticeship.	
		VT 009 633	811
		Technological Changes in Sawmill Occupations.	



## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 009 642      ED 042 876	766	VT 010 136	768
APPLICATION OF THE EXTENDED SCHOOL YEAR CONCEPT TO A BOARD OF COOPERATIVE EDUCATIONAL SERVICES OCCUPATIONAL TRAINING PROGRAM.		Programs for Career Opportunities in Child Development.	
VT 009 688      ED 034 053	860	VT 010 146	843
IDAHO RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION. FINAL REPORT.		Training and Technology: Organized Labor's Participation in a Training Experiment.	
VT 009 758	766	VT 010 179      ED 042 878	843
Approval Criteria for Area Secondary Vocational Centers in Illinois.		PROCEEDINGS OF THE PANEL ON INTERNATIONAL REHABILITATION (WASHINGTON, D.C., MAY 2, 1968).	
VT 009 760	767	VT 010 241	768
Assessing the Economic Scene.		National Policy of Apprenticeship for Machinist (Automatic Screw-Machines).	
VT 009 804	812	VT 010 264      ED 042 879	843
Manpower Outlook '80: Arizona Agriculture.		EVALUATION OF FACTORS DETERMINING THE RESULTS OF VOCATIONAL REHABILITATION. NORWEGIAN MONOGRAPHS ON MEDICAL SCIENCE.	
VT 009 885	812	VT 010 271	868
Working Mothers: A Selected Annotated Bibliography.		Qualifications for Technical Teachers in Engineering Technologies.	
VT 009 892	812	VT 010 323      ED 042 881	768
Occupational Profile; City of San Francisco.		A PLAN TO INCREASE VOCATIONAL EDUCATION OPPORTUNITIES THROUGH THE EXPANSION OF CURRICULUM AND AVAILABLE FACILITIES. FINAL REPORT (JULY 1, 1968-JULY 25, 1969).	
VT 009 915	842	VT 010 366	814
A Survey of Special Needs Students in Rhode Island.		Occupational Opportunities and Training Needs for Agricultural Employment in Selected Areas of Arizona: Santa Cruz Valley Union High School District.	
VT 009 929	842	VT 010 367	814
Bridging the Employment Gap: Strategies for Success, and Causes, Consequences, and Cures for Labor Turnover Problems.		Changing Patterns; A Report on the Federal Women's Program Review Seminar.	
VT 009 947	813	VT 010 375      ED 042 882	844
Job-Related Expenditures and Management Practices of Gainfully Employed Wives in North Carolina.		REPORT ON EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR THE TIDE PROGRAM, AS AN EXTENSION OF THE SUMMER YOUTH DEMONSTRATION PROGRAM IN YOUTH OPPORTUNITY CENTERS.	
VT 010 071	842	VT 010 436	833
Job Training for the Disadvantaged.		Training for the Automotive Trades in New York City.	
VT 010 072      ED 042 877	767	VT 010 472	844
TRANSITION FROM SCHOOL TO WORK IN SELECTED COUNTRIES.		Neighborhood Youth Corps--New Careers.	
VT 010 073	833		
Analysis of Work Release for Felons in Minnesota.			
VT 010 115	813		
Nevada Health Manpower Program, Part I.			
VT 010 135	767		
Summary Report of a Pilot Study on Recruitment Practices and Procedures for Vocational-Technical Personnel.			

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 010 473      ED 042 884	864	VT 010 710	814
ONE PARADIGM FOR VOCATIONAL-TECHNICAL COUNSELING (SANTA FE JUNIOR COLLEGE WORKSHOP, GAINSVILLE, FLORIDA, JUNE 1969).		The Changing Economic Structure and Manpower Needs in Louisiana, 1965-1975.	
VT 010 502	884	VT 010 712      ED 042 888	844
Survey of Vocational Education and Training.		WORK RELEASE: FACTORS IN SELECTION AND RESULTS.	
VT 010 525      ED 042 885	876	VT 010 739	815
THE EFFECT OF IN-SERVICE EDUCATION AND RESOURCE UNIT COMPONENTS ON TEACHER AND STUDENT LEARNING. RESEARCH SERIES IN OCCUPATIONAL EDUCATION NO. 12.		Unemployment Insurance Claimants, 1963-1964.	
VT 010 554	876	VT 010 740	804
A Study of The Value of Student Exposure to Health Agencies During the Pre-Clinical Portion of the Practical Nursing Program.		Training and Technology; Worker Training Curriculum, Phase I.	
VT 010 587      ED 042 886	860	VT 010 741      ED 042 889	845
CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION, ANNUAL REPORT.		ANALYSIS AND SUMMARY OF CURRENT MANPOWER TRENDS AND POLICIES. SECOND EDITION.	
VT 010 650      ED 042 887	769	VT 010 751	845
GUIDELINES FOR ESTABLISHING AND EVALUATING HIGH SCHOOL TECHNICAL ELECTROMECHANICS PROGRAMS.		The Vocational Adjustment of Special Class Students.	
VT 010 652	769	VT 010 885	845
National Apprenticeship and Training Standards for Cement Masonry, Asphalt, and Composition Trade.		The Negro Worker in the Chicago Labor Market.	
VT 010 694	769	VT 010 913	877
Training and Technology; TAT Industrial Conference Proceedings, 1968.		A Description and Analytic Discussion of Ten New Concepts for Electronics Maintenance.	
VT 010 698	770	VT 010 914	771
Training and Technology Project Recruitment. 1966-67 Worker Training Program (and March, 1967 Supplement on Welding Trainees).		Developing Our Wasted Human Resources.	
VT 010 699	770	VT 010 915	877
Training and Technology; First Cycle Report, Industrial Skill and Technical Training Program.		The Captive Helicopter as a Training Device.	
VT 010 700	868	VT 010 917      ED 042 890	815
Training and Technology; Recruitment; In-Service Vocational-Technical Teacher Institute (1967).		A SECOND LOOK AT THE DROP-OUT PROBLEM IN APPRENTICESHIP TRAINING.	
VT 010 701	771	VT 010 935	771
Training and Technology; Proceedings of Vocational Education and Industry Conference, 1967.		Directions '70, Summary of A Vocational Education Leadership Conference, 1969.	
		VT 010 944	846
		A Coordinated Program of Vocational Rehabilitation and Special Educational Services for the Retarded.	
		VT 010 952	772
		A Principle in Time.	
		VT 010 974	869
		Seminar for Instructors and Directors of Selected Health Related Programs, 1969.	
		VT 010 979      ED 042 891	846
		MANPOWER INFORMATION FOR URBAN POVERTY AREAS.	

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 010 982	834	VT 011 014	847
Skill Training for the Disadvantaged: Problems of Assessment.		These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.	
VT 010 983	772	VT 011 015	878
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	
VT 010 937	772	VT 011 017	774
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).		Survey of Federal Aviation Agency Approved Mechanic School Programs.	
VT 010 988	773	VT 011 018	774
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).		High School Aviation Aerospace Education Status Report.	
VT 010 990	773	VT 011 019	834
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).		The Extent of Registered Apprentice Training in New York State, 1967.	
VT 010 994 ED 043 730	773	VT 011 026	816
TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.		Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.	
VT 010 996	815	VT 011 076	835
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		A Concerned Texas.	
VT 010 997	864	VT 011 077	775
Careers in Home Economics.		Health Manpower Annual Conference, 1969.	
VT 011 004 ED 042 892	847	VT 011 083	816
RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.		Opportunities in Graphic Arts Careers.	
VT 011 009	877	VT 011 090	847
The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.		Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.	
VT 011 010	864	VT 011 094 ED 042 893	869
The Ohio Apprenticeship Notebook for School Counselors.		VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.	
VT 011 011	774	VT 011 096	869
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.		The Preparation of Professional Personnel for Vocational Technical Education.	
VT 011 012	834	VT 011 104	816
Survey of Graduates of the Joseph Bulova School of Watchmaking.		Lewiston-Clarkston Area Manpower Survey.	
		VT 011 136 ED 043 732	775
		IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).	

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 010 982	834	VT 011 014	847
Skill Training for the Disadvantaged: Problems of Assessment.		These, Too, Must Be Equal. America's Needs in Habilitation and Employment of the Mentally Retarded.	
VT 010 983	772	VT 011 015	878
Southeast Asian Regional Seminar on Manpower Development and Educational Planning, 1967.		Approaches to Electronics Troubleshooting as Viewed by Community College Electronics Teachers.	
VT 010 987	772	VT 011 017	774
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Teheran, Iran, June 1968).		Survey of Federal Aviation Agency Approved Mechanic School Programs.	
VT 010 988	773	VT 011 018	774
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Singapore, November 1967).		High School Aviation Aerospace Education Status Report.	
VT 010 990	773	VT 011 019	834
Seminar on Approaches to Cooperation Between Industries and Institutions in Technical Training (Bangkok, Thailand, October, 1965).		The Extent of Registered Apprentice Training in New York State, 1967.	
VT 010 994	773	VT 011 026	816
ED 043 730 TESTIMONY PRESENTED TO THE HOUSE SUBCOMMITTEE ON APPROPRIATIONS FOR EDUCATION AND LABOR, AND SUMMARY.		Vocational, Technical, and Adult Education District No. 18 Occupational Needs Survey.	
VT 010 996	815	VT 011 076	835
International Labour Conference, Special Youth Employment and Training Schemes for Development Purposes, 1969.		A Concerned Texas.	
VT 010 997	864	VT 011 077	775
Careers in Home Economics.		Health Manpower Annual Conference, 1969.	
VT 011 004	847	VT 011 083	816
ED 042 892 RESOLVING THE MANPOWER PARADOX: WORKERS WITHOUT JOBS: JOBS WITHOUT WORKERS. STATE OF NEW YORK--LEGISLATIVE DOCUMENT (1969)--NUMBER 84.		Opportunities in Graphic Arts Careers.	
VT 011 009	877	VT 011 090	847
The Acquisition of Standard English Speech Habits Using Second-Language Techniques, Summary Report.		Rehabilitation Advance; Planning to Serve the Handicapped and Disadvantaged. Summary.	
VT 011 010	864	VT 011 094	869
The Ohio Apprenticeship Notebook for School Counselors.		ED 042 893 VOCATIONAL COMPETENCY EXAMINATION FOR PREPARATORY TEACHERS AND TEACHER COORDINATORS IN VOCATIONAL BUSINESS AND OFFICE EDUCATION, 1970.	
VT 011 011	774	VT 011 096	869
Citizenship Training for Vocational-Technical Education Students in Secondary Schools.		The Preparation of Professional Personnel for Vocational Technical Education.	
VT 011 012	834	VT 011 104	816
Survey of Graduates of the Joseph Bulova School of Watchmaking.		Lewiston-Clarkston Area Manpower Survey.	
		VT 011 136	775
		ED 043 732 IMPLEMENTING THE VOCATIONAL EDUCATION AMENDMENTS OF 1968 FOR THE DISADVANTAGED OR HANDICAPPED. SUGGESTED UTILIZATION OF RESOURCES AND GUIDE FOR EXPENDITURES (SURGE).	



## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 146 The Feasibility of Oregon Community Colleges and Secondary Schools offering Civil Aviation Occupational Education.	817	VT 011 310 A Summary: Qualified Manpower in Ontario 1961-1986. Volume I: Determination and Projection of Basic Stocks.	818
VT 011 156      ED 043 733 NEW CAREERS, A BASIC STRATEGY AGAINST POVERTY.	848	VT 011 311 Qualified Manpower in Ontario, 1961-1986. Volume 1: Determination and Projection of Basic Stocks.	818
VT 011 168 Membership Directory of Accredited Private Trade and Technical Schools, 1969-70.	775	VT 011 325 The Crisis in Construction; There Is an Answer.	777
VT 011 186 Careers in the Logging Industry.	865	VT 011 326 Handbook of Aerospace-Related Occupations.	865
VT 011 193      ED 043 734 INNOVATIVE PROGRAMS IN INDUSTRIAL ARTS.	776	VT 011 328      ED 043 735 OPERATION JOB START. FINAL REPORT.	849
VT 011 198 Seasonal Unemployment in the Construction Industry. Report and Recommendations.	817	VT 011 333      ED 042 896 REPORT OF NEW MANPOWER RESEARCHERS CONFERENCE (SEPTEMBER 18-19, 1969).	861
VT 011 199 Employment Multipliers and Employment Projections, the St. Louis Region.	817	VT 011 344 A Job with the Forest Service.	865
VT 011 229      ED 040 292 SELECTED HEALTH SERVICE OCCUPATIONS.	776	VT 011 345 Technical Manpower, 1966-80.	818
VT 011 233 Level of Mechanics Skills, Abilities, and Understandings Needed and Possessed by Teachers of Agriculture.	870	VT 011 364 A Plan for Career Development in the Public Schools of the District of Columbia.	777
VT 011 259 Development and Evaluation of an Integrated Basic Combat/Advanced Individual Training Program for Medical Corpsmen.	776	VT 011 368 Arkansas' Manpower Needs.	819
VT 011 266 Helping the Handicapped in Rural Areas.	848	VT 011 372 School to Employment Program. Project Step Report--1968-1969.	777
VT 011 273 Program Services Special Needs Workshop, 1968.	804	VT 011 383 The Construction Industry: Selected References, 1960-1969.	778
VT 011 293 Special Job Creation for the Hard-to-Employ in Western Europe.	848	VT 011 390 A Report of the Enrollment of Apprentices in Related Technical Classes in California Public Schools.	778
VT 011 296 Behavioral Objectives of Several Current Courses Offered in the Areas of Industry/Technology, Home Economics, Agriculture, and Business.	805	VT 011 401      ED 042 898 SCHOOL INTEGRATION, OCCUPATIONAL EXPECTATIONS, AND OCCUPATIONAL EDUCATION; A STUDY OF NORTH CAROLINA HIGH SCHOOL BOYS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 9.	866
		VT 011 408 Some Guidelines for Successful Police-Community Relations Training Programs.	778

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 410 New Strategies for Vocational-Technical Education in Urban America.	779	VT 011 475 ED 042 905 CONCERTED SERVICES IN ARKANSAS: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 6.	850
VT 011 433 ED 042 901 REMOTE FEEDBACK TECHNIQUES FOR INSERVICE EDUCATION. ASSESSMENT OF MICRO-TEACHING AND VIDEO RECORDING IN VOCATIONAL AND TECHNICAL TEACHER EDUCATION: PHASE X--INTERIM REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 40.	870	VT 011 478 Occupations in the Film Processing and Finishing Industry.	820
VT 011 435 New Patterns of Health Care: The Physician's Assistant.	779	VT 011 539 ED 042 907 PRIVATE VOCATIONAL SCHOOLS: THEIR EMERGING ROLE IN POSTSECONDARY EDUCATION.	781
VT 011 439 ED 043 736 EXCERPTS ON VOCATIONAL EDUCATION FROM THE PRESIDENT'S STATEMENT ON COMBATING CONSTRUCTION INFLATION AND MEETING FUTURE CONSTRUCTION NEEDS.	779	VT 011 540 ED 042 908 THE RELATIONSHIP OF GROUP STRUCTURAL PROPERTIES AND COMMUNICATION BEHAVIOR PATTERNS TO OPINION LEADERSHIP AMONG TEACHERS. FINAL REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 41.	781
VT 011 442 New Hampshire Occupations in 1975.	819	VT 011 543 Building Trades, Skopje, Yugoslavia Training Centre.	782
VT 011 443 Development of Career Opportunities for Technicians in the Nuclear Medicine Field, Phase I. Summary Report.	819	VT 011 544 Stepping Stones in Nursing Education.	821
VT 011 444 ED 042 902 DEVELOPMENT OF CAREER OPPORTUNITIES FOR TECHNICIANS IN THE NUCLEAR MEDICINE FIELD, PHASE I. INTERIM REPORT NUMBER 1: SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, JULY 1969.	820	VT 011 552 Lincoln Skills Center; The Story of Its Struggles and Successes.	782
VT 011 451 ED 043 737 BUILDING INSTITUTIONS TO SERVE AGRICULTURE. A SUMMARY REPORT OF THE CIC-AID RURAL DEVELOPMENT RESEARCH PROJECT.	780	VT 011 553 Supervision in the Missouri Wood Products Industry.	782
VT 011 460 Occupations and Trends in the Dairy Industry.	820	VT 011 560 ED 042 046 AN INFORMATION SYSTEM FOR VOCATIONAL DECISIONS. FINAL REPORT.	783
VT 011 469 ED 042 903 LABOR MARKETS, INCENTIVES AND OCCUPATIONAL EDUCATION. CENTER RESEARCH MONOGRAPH NO. 3.	780	VT 011 576 Apprenticeship in Arizona.	821
VT 011 473 ED 043 738 THE IMPLEMENTATION OF FLEXIBLE MODULAR SCHEDULING FOR INDUSTRIAL EDUCATION.	781	VT 011 579 Employment Patterns Affecting Minority Persons in Hotels, Hotels, and Restaurants in Ohio.	850
VT 011 474 ED 042 904 CONCERTED SERVICES IN MINNESOTA: AN EVALUATION OF DEVELOPMENTAL CHANGE. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 7.	849	VT 011 580 Training and Technology Project; A Study of Trainee Attitudes in a Manpower Training Program.	783
		VT 011 586 Preparation of Technicians for Environmental Control.	783
		VT 011 588 Job Instruction Training. A Job Analysis and Evaluation Workshop Conference.	784
		VT 011 589 A Profile of Vocational-Technical Education, Quincy, Massachusetts.	878

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 599 The Role of the AMA in the Utilization of Military Trained Allied Health Personnel.	821	VT 011 647 Manpower Directions in New York State 1965-1975, Technical Supplement.	822
VT 011 600      ED 042 053 HOSPITALITY EDUCATION CURRICULUM DEVELOPMENT PROJECT. A DEVELOPMENTAL VOCATIONAL EDUCATION RESEARCH AND TEACHER EDUCATION PROGRAM BASED ON A CLINICAL SCHOOL CONCEPT. FINAL REPORT.	805	VT 011 652 A Framework for Studying Technological Change and Its Impact on the Manpower Situation in Hawaii.	861
VT 011 610 Consumer's Knowledge and Use of Government Grades for Selected Food Items.	784	VT 011 653 Further Education for Technicians.	785
VT 011 615 Symposium on the Role of Worker Relocation in an Active Manpower Policy, 1969.	784	VT 011 654 Education for the Printing Industry.	785
VT 011 630      ED 042 055 GOING TO WORK: AN ANALYSIS OF THE DETERMINANTS AND CONSEQUENCES OF ENTRY INTO THE LABOR FORCE.	850	VT 011 655 Partnership Incorporated; An Account of a Joint Effort to Solve the Problems of Apprentice Training.	786
VT 011 631      ED 043 739 TRANSFER IN AN INDUSTRIAL ARTS PSYCHOMOTOR TASK AS A FUNCTION OF PRACTICE TIME AND TASK COMPLEXITY.	878	VT 011 656 Further Education for Operatives.	786
VT 011 632      ED 042 909 RELATIONSHIP OF SELECTED HIGH SCHOOL COURSES COMPLETED TO ACHIEVEMENT IN INDUSTRIAL ARTS TEACHER EDUCATION.	879	VT 011 657 Human Resources and New Systems of Vocational Training and Apprenticeship. A Summary.	787
VT 011 634      ED 043 740 PERCEPTIONS OF THE ROLE OF THE TEACHER OF VOCATIONAL-INDUSTRIAL SUBJECTS IN SELECTED AREA VOCATIONAL SCHOOLS IN MISSOURI.	871	VT 011 658 Employment and Educational Services in the Mobilization for Youth Experience. The New Social Work.	851
VT 011 635      ED 042 057 THE EFFECT OF TWO APPROACHES TO VISUAL INFORMATION TRANSMISSION ON STUDENT INFORMATIONAL ACHIEVEMENT AND PICTORIAL RECOGNITION.	879	VT 011 672 City Employment in 1969.	822
VT 011 637      ED 042 058 COMPARATIVE EFFECTIVENESS OF VARIATIONS IN THE DEMONSTRATION METHOD OF TEACHING A COMPLEX MANIPULATIVE SEQUENCE.	880	VT 011 673 The Status of Paraprofessionals in New York State School Districts. Phase One of a Continuing Study: School Paraprofessionals.	822
VT 011 638 A Behavioral Performance-Reference Groups Model for Evaluating Vocational Education Pilot Programs.	861	VT 011 674 The Status and Role of Lunchroom Aides in Selected New York State School Districts, Phase Two of a Continuing Study: School Paraprofessionals.	823
VT 011 641 Further Development of a Plan for Offering Vocational-Technical Training in Fulton County.	785	VT 011 675 The Development of Performance Objectives for Teacher-Coordinaors of Cooperative Occupational Training Programs.	871
		VT 011 680 Injury Rates in the Construction Industry New York State, 1968.	823
		VT 011 681 Consolidated Program Information Report (CPIR): Florida School Districts, 1968-69.	787

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 683 ED 043 741 ESTABLISHMENT OF CRITERIA FOR THE EVALUATION AND DEVELOPMENT OF INDUSTRIAL EDUCATION DOCTORAL DEGREE PROGRAMS.	787	VT 011 701 ED 043 750 OCCUPATIONAL STATUS CHANGES FOR BLACKS AND NONBLACKS DURING THE FIRST TEN YEARS OF OCCUPATIONAL EXPERIENCE.	852
VT 011 684 ED 043 742 A FOLLOW-UP STUDY OF RECIPIENTS OF THE DOCTOR OF EDUCATION DEGREE IN INDUSTRIAL ARTS EDUCATION FROM COLORADO STATE COLLEGE.	835	VT 011 702 ED 042 913 THE PROJECT METHOD IN DISTRIBUTIVE EDUCATION: STUDENT ACHIEVEMENT IN SELECTED CONTENT AREAS.	880
VT 011 685 ED 043 743 SPECIFIC NEEDS FOR UPDATING EDUCATIONAL EXPERIENCES AS REPORTED BY INSTRUCTORS OF ELECTRONICS IN INDUSTRIAL EDUCATION DEPARTMENTS OF COLLEGES AND UNIVERSITIES.	871	VT 011 703 ED 042 914 PERSONNEL RESPONSIBLE FOR DECISIONS INFLUENCING VOCATIONAL EDUCATION IN LOCAL SCHOOLS.	789
VT 011 687 ED 043 745 AN INVESTIGATION OF ATTITUDES HELD BY INDUSTRIAL ARTS EDUCATORS TOWARD THE QUESTION OF A UNIFORM NATIONWIDE CURRICULUM FOR INDUSTRIAL ARTS.	788	VT 011 705 ED 043 751 THE DEVELOPMENT OF HUMAN POTENTIALITIES IN LEADERSHIP ROLES FOR VOCATIONAL ADMINISTRATORS AND TEACHERS.	789
VT 011 688 ED 043 746 A SURVEY OF INDUSTRIAL ARTS TEACHER EDUCATION AND TECHNICAL/TECHNOLOGY GRADUATES OF MURRAY STATE UNIVERSITY WITH IMPLICATIONS FOR CURRICULUM REVISION.	836	VT 011 706 ED 043 752 ENACTMENTS BY THE 90TH CONGRESS CONCERNING EDUCATION AND TRAINING. SECOND SESSION 1968.	790
VT 011 689 ED 043 747 AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY.	872	VT 011 707 ED 042 915 DEVELOPMENT OF A SELF-INSTRUCTIONAL PACKAGE ON COOPERATIVE EDUCATION COORDINATION SKILLS.	872
VT 011 690 ED 042 911 COMPETENCIES DESIRED FOR EMPLOYMENT IN THE PLASTICS INDUSTRY.	823	VT 011 708 ED 042 916 RESEARCH VISIBILITY: MANPOWER DEVELOPMENT, VO-ED FOR THE DISADVANTAGED.	852
VT 011 691 ED 043 748 THE DEVELOPMENT OF A SYSTEM TO ANALYZE TEACHER-STUDENT INTERACTION IN JUNIOR HIGH SCHOOL INDUSTRIAL ARTS CLASSROOMS.	880	VT 011 715 Project PRIDE (Prescribed Reinforcement Involving Differentiated Education).	852
VT 011 692 Post Secondary Distributive Education.	788	VT 011 719 Identifying Major Tasks Performed by Food Service Workers in Commercial and Institutional Food Service Establishments.	824
VT 011 693 ED 042 912 JOURNEY FOR RELEVANCE. INDUSTRY AND EDUCATION STUDY NO. 3.	789	VT 011 720 Skills and Knowledge Needed by Personnel in Architectural Drafting.	824
VT 011 697 Hiring Standards and Job Performance.	824	VT 011 722 Requirements for Office and Distributive Education Teacher-Coordinators.	873
VT 011 700 ED 043 749 MAJOR PSYCHO-SOCIAL PROBLEMS AND THE PSYCHIATRIC TECHNICIAN.	851	VT 011 724 ED 042 918 TRAINING THE SOCIO-ECONOMICALLY DISADVANTAGED; A SELECTED, ANNOTATED BIBLIOGRAPHY.	853
		VT 011 725 ED 043 753 AN ANNOTATED BIBLIOGRAPHY FOR OCCUPATIONAL SURVEYS.	884



## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 727      ED 043 754	881	VT 011 758	885
BUSINESS EDUCATION FOR THE EMERGENT OFFICE. INTERIM REPORT.		Preliminary Bibliography; Studies Employing the OAS (Occupational Aspiration Scale).	
VT 011 728      ED 042 919	884	VT 011 759      ED 043 758	882
INTERPRETATION OF LITERATURE ON CAREER LADDERS AND LATTICES IN HEALTH OCCUPATIONS EDUCATION. INFORMATION SERIES NO. 23.		A QUASI-EXPERIMENTAL STUDY OF TWO SELECTED UNITS OF THE INDUSTRIAL ARTS CURRICULUM PROJECT MATERIALS TO DETERMINE THE MEASURABLE ADDITIVE EFFECTS OF A UNIT ON DESIGN IN MANUFACTURING TECHNOLOGY UPON A SIMILAR UNIT ON DESIGN IN CONSTRUCTION TECHNOLOGY.	
VT 011 730	805	VT 011 760      ED 042 923	882
Guide Book for an Accredited Curriculum in Occupational Therapy. Third Edition.		AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS OF AN AUDIO-TUTORIAL METHOD IN TEACHING VOCATIONAL AGRICULTURE.	
VT 011 734      ED 043 755	825	VT 011 766      ED 042 926	791
DUAL CAREERS: A LONGITUDINAL STUDY OF LABOR MARKET EXPERIENCE OF WOMEN. VOLUME ONE.		GUIDELINES FOR THE DEVELOPMENT OF PREVOCATIONAL EDUCATION PROGRAMS AT THE JUNIOR HIGH SCHOOL LEVEL.	
VT 011 736      ED 042 921	881	VT 011 769	826
EXPERIMENTAL EVALUATION OF DEMONSTRATIONS IN TEACHING VOCATIONAL AGRICULTURE.		Motivational Conflict and Employment Instability.	
VT 011 739	853	VT 011 770	836
Training and Technology; Characteristics of the Worker Training Graduate from Appalachia.		Assessment of Educational Programs.	
VT 011 740	854	VT 011 771      ED 042 927	791
Training and Technology; Tour--Test--and Interview. (A Model for Recruitment of Disadvantaged Persons into a Manpower Training Program).		COMPETENCIES NEEDED BY PERSONNEL ENGAGED IN PROGRAM PLANNING IN STATE DIVISIONS OF VOCATIONAL-TECHNICAL EDUCATION.	
VT 011 742	790	VT 011 772	837
Implications for Suggested Coordination by the Vocational Education Amendments of 1968 and Other Legislation.		A Comparison of the Agricultural Mechanics Instructional Programs of Selected Washington High Schools to A Model Program.	
VT 011 745      ED 043 756	790	VT 011 774	826
COMMUNICATION NETWORKS AND INNOVATIVE POTENTIAL OF A STATE DIVISION OF VOCATIONAL EDUCATION.		A Study to Identify Vocational Competencies Needed for Employment in the Grain, Feed, Seed, and Farm Supply Industries.	
VT 011 749      ED 043 757	836	VT 011 777	792
DIFFERENTIATING AMONG GRADUATES OF VOCATIONAL-TECHNICAL CURRICULUMS.		Meeting on Vocational Education Accreditation (Chicago, Ill., Apr. 30, 1970).	
VT 011 751	854	VT 011 778	792
Black Builders; A Job Program that Works.		Summary of Meeting of Task Force on Vocational Education in Higher Education (Columbia, S.C., April 10, 1970).	
VT 011 754	825	VT 011 780      ED 043 759	806
Factors Related to Occupational Status of Male Graduates of West Union, North High School.		SELECTED BIBLIOGRAPHY: IDENTIFYING, MEASURING AND UTILIZING SOCIETAL INFORMATION FOR VOCATIONAL-TECHNICAL EDUCATION CURRICULUM DEVELOPMENT.	
VT 011 755	825		
Oklahoma Farm Labor Report.			
VT 011 757      ED 042 922	826		
COMPETENCIES IN WELDING NEEDED FOR AGRICULTURAL MACHINERY MAINTENANCE.			

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 836      ED 043 766	796	VT 011 875      ED 043 772	857
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
VT 011 846	873	VT 011 876	798
The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.		An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	
VT 011 848      ED 043 767	837	VT 011 878	838
AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.		Development of a Scale to Measure Attitudes Toward Vocational Education.	
VT 011 849      ED 043 768	797	VT 011 879      ED 043 773	862
EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.		REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
VT 011 851      ED 043 769	930	VT 011 892	798
EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.		Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.	
VT 011 854	856	VT 011 894      ED 043 774	799
Home Economics and the Disadvantaged.		FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	
VT 011 855	797	VT 011 905	838
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	
VT 011 858	856	VT 011 908	799
Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 859      ED 043 770	838	VT 011 909	830
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.		A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.	
VT 011 860	798	VT 011 910      ED 043 775	799
Guidelines for an Extension Educational Program in Transportation.		RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
VT 011 863      ED 043 771	885	VT 011 927      ED 043 776	839
INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.		A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
VT 011 866	856	VT 011 934      ED 043 777	839
Two Years of Outreach, 1968-1970.		DESIGN FOR A STUDY OF AMERICAN YOUTH.	
VT 011 867	857	VT 011 937	857
Evaluation of a Program of Training for Day Care Attendants.		Some Results of a Training Program for Non-Professional Medical Personnel.	

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 783 Occupational Opportunities in Nebraska. 1970 Report. NCIVE Series: No. 11.	827	VT 011 809 Kansas Migration and Employment 1960-1968.	828
VT 011 784 A Look at the Job Market in Idaho.	827	VT 011 810 The Teacher of Home Economics; Reaching Out to Those We Teach.	854
VT 011 785 Career Programs; Technical-Vocational Education. Illinois Public Junior Colleges.	792	VT 011 813 75,000 High School Seniors, Their Educational and Vocational Plans. Results of a Survey of Indiana's High School Senior Class of 1969.	828
VT 011 786 A Conversation with Lynda.	866	VT 011 814 Training and Technology; Existing and Forecasted Employment in Selected Service Occupations (East Tennessee).	828
VT 011 787 Relevancy in Agricultural Education.	793	VT 011 817 ED 043 763 HOME ECONOMISTS WORKING WITH LOW-INCOME FAMILIES AND IMPLICATIONS FOR COLLEGE FOOD AND NUTRITION CURRICULUM.	855
VT 011 789 Occupational Immobility of Small Farmers, A Study of the Reasons Why Small Farmers Do Not Give Up Farming. Occasional Papers No. 13.	827	VT 011 823 Labor in the Textile and Apparel Industries.	829
VT 011 792 ED 043 760 DIRECTORY OF ACCREDITED ALLIED MEDICAL EDUCATIONAL PROGRAMS 1969-1970 AND 1970 SPRING SUPPLEMENT.	793	VT 011 824 Improved Vocational, Technical and Academic Opportunities for Deaf People: Research Component.	855
VT 011 798 Ohio Advisory Council for Vocational Education, First Report.	793	VT 011 825 Colombo Plan Seminar on National Planning of Vocational and Technical Training (Tjipajung, Indonesia, December 1969).	795
VT 011 799 Career Education in Oregon.	794	VT 011 826 ED 043 764 DEVELOPMENT OF CAREER OPPORTUNITIES FOR BIOMEDICAL EQUIPMENT TECHNICIANS. SURVEY OF JOB CHARACTERISTICS, MANPOWER NEEDS AND TRAINING RESOURCES, AS OF JUNE, 1970. INTERIM REPORT 2.	829
VT 011 800 ED 043 762 RESEARCH 1970. AN ANNOTATED LIST OF RESEARCH AND DEMONSTRATION GRANTS 1955-1968.	885	VT 011 827 The General Education Development (GED) Program at Training and Technology.	855
VT 011 801 A Measurement of Attitudes of Home Economics Student Teachers, Toward the Mentally Retarded.	873	VT 011 828 Status of Adult Vocational Education in Utah.	796
VT 011 802 A Study of Occupational Education Needs of the Rock Springs/Green River, Wyoming Area with Implications for Vocational-Technical Education.	794	VT 011 831 ED 043 765 ACCREDITATION OF ALLIED MEDICAL EDUCATION PROGRAMS.	796
VT 011 804 Good Training, Good Jobs: NDTA. Facts for Manpower Administrators.	794	VT 011 832 Agriculture and the Child Labor Requirements Under the Fair Labor Standards Act as Amended in 1966.	830
VT 011 805 Safety and Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking.	795		
VT 011 806 National Workshop of Professional Leaders in PFA, Proceedings, 1969.	795		

## DOCUMENT NUMBER INDEX

	PAGE		PAGE
VT 011 836      ED 043 766	796	VT 011 875      ED 043 772	857
GUIDE FOR PROGRAM PLANNING: MEDICAL LABORATORY TECHNICIAN.		THE JOBS PROGRAM (JOB OPPORTUNITIES IN THE BUSINESS SECTOR) BACKGROUND INFORMATION.	
VT 011 846	873	VT 011 876	798
The Feasibility of Using Videotape Techniques in Pre-Service Teacher Education in Agriculture.		An Analysis of Worker Supply and Demand Data for Program Planning in Occupational Education.	
VT 011 848      ED 043 767	837	VT 011 878	838
AN EVALUATION OF THE TRAINING OF A CRITICAL DRIVING SKILL BY MEANS OF A SIMULATION TECHNIQUE. FINAL REPORT.		Development of a Scale to Measure Attitudes Toward Vocational Education.	
VT 011 849      ED 043 768	797	VT 011 879      ED 043 773	862
EDUCATION AND TRAINING FOR INDUSTRIAL DEVELOPMENT IN INDIA; THE PROBLEM OF LINKAGES.		REPORT OF THE NATIONAL RESEARCH CONFERENCE ON CONSUMER AND HOMEMAKING EDUCATION (COLUMBUS, OHIO, JUNE 2-5, 1970). LEADERSHIP TRAINING SERIES NO. 31.	
VT 011 851      ED 043 769	830	VT 011 892	798
EDUCATION, TRAINING AND PRODUCTIVITY: A STUDY OF SKILLED WORKERS IN TWO FACTORIES IN SOUTH INDIA.		Guidelines for the Development of the Capital Area Career Center; Program, Staffing, and Structure.	
VT 011 854	856	VT 011 894      ED 043 774	799
Home Economics and the Disadvantaged.		FACTORS GOVERNING THE ESTABLISHMENT AND OPERATION OF COOPERATIVE COMPREHENSIVE EDUCATIONAL SERVICE CENTERS IN WYOMING WITH APPLICATION TO A STATE MASTER PLAN. A POSITION PAPER AND A PROPOSAL.	
VT 011 855	797	VT 011 905	838
Proceedings of Conference on Methods of Job Development for the Hard-Core Unemployed (Georgia Institute of Technology, Atlanta, October 1-2, 1968).		A Comparison of Two Follow-Up Methods Used to Survey Occupational Training Graduates.	
VT 011 858	856	VT 011 908	799
Training and Technology: Identification of Potential Training Resources for Service Occupations (East Tennessee).		First Annual Report of the Advisory Council for Technical-Vocational Education in Texas.	
VT 011 859      ED 043 770	838	VT 011 909	830
AN INVESTIGATION OF FACTORS ESSENTIAL TO SELECTING AND PREPARING ON-THE-JOB TRAINERS FOR A POST SECONDARY COOPERATIVE VOCATIONAL-TECHNICAL EDUCATION PROGRAM.		A List of Tractor and Power Unit Skills Needed in Agricultural Mechanization.	
VT 011 860	798	VT 011 910      ED 043 775	799
Guidelines for an Extension Educational Program in Transportation.		RESEARCH VISIBILITY: IMPROVING VOCATIONAL EDUCATION.	
VT 011 863      ED 043 771	885	VT 011 927      ED 043 776	839
INDUSTRIAL ARTS TECHNOLOGY BIBLIOGRAPHY; AN ANNOTATED REFERENCE FOR LIBRARIANS.		A REPORT ON OHIO'S PILOT RESIDENTIAL MDTA PROGRAM. 1964-1966.	
VT 011 866	856	VT 011 934      ED 043 777	839
Two Years of Outreach, 1968-1970.		DESIGN FOR A STUDY OF AMERICAN YOUTH.	
VT 011 867	857	VT 011 937	857
Evaluation of a Program of Training for Day Care Attendants.		Some Results of a Training Program for Non-Professional Medical Personnel.	



## DOCUMENT NUMBER INDEX

	PAGE	PAGE
VT 011 942      ED 043 779 NATIONAL CONFERENCE ON ACCREDITATION OF PUBLIC POSTSECONDARY OCCUPATIONAL EDUCATION (JUNE 10-12, 1970). CENTER SEMINAR AND CONFERENCE REPORT NO. 11.	800	
VT 011 943      ED 043 780 A STUDY OF OCCUPATIONAL INFORMATION EXCHANGE SYSTEMS IN NORTH CAROLINA POSTSECONDARY INSTITUTIONS. CENTER RESEARCH AND DEVELOPMENT REPORT NO. 8.	800	
VT 011 957 Operational Policies of the Committee on Occupational Education.	801	
VT 011 959 Tentative Standards of the Committee on Occupational Education.	839	
VT 011 962      ED 043 782 INITIAL SUPPORT FOR ESTABLISHING A MARYLAND RESEARCH COORDINATING UNIT. FINAL REPORT.	862	
VT 011 964      ED 043 784 PLANNING OCCUPATIONAL EDUCATION AND TRAINING FOR DEVELOPMENT.	801	
VT 011 965      ED 043 785 ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN JORDAN.	840	
VT 011 966      ED 043 786 ISSUES IN OCCUPATIONAL EDUCATION AND TRAINING: A CASE STUDY IN TUNISIA.	801	
VT 012 031 Vocational Education and Poverty.	858	
VT 012 164 Occupational Preparation, K-12 and Beyond.	806	
VT 012 323 Vocational Education: The Bridge Between Man and His Work. Publication 1.	802	
VT 012 444      ED 045 857 Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	886	
VT 012 484      ED 045 860 Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Fall 1970.	886	

CONVERSION OF DOCUMENT NUMBER INDEX<sup>1</sup>VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS<sup>2</sup>

VT 001 106	ED 043 725	VT 008 150	ED 028 294	VT 008 736	ED 030 737
VT 002 431	ED 035 715	VT 008 171	ED 029 123	VT 008 738	ED 030 738
VT 002 717	MP 000 137	VT 008 173	ED 028 297	VT 008 750	ED 036 616
VT 003 298	ED 043 726	VT 008 177	ED 032 394	VT 008 753	ED 032 402
VT 003 396	ED 042 872	VT 008 182	ED 029 124	VT 008 769	ED 032 403
VT 004 667	ED 038 488	VT 008 183	ED 028 298	VT 008 770	ED 030 743
VT 006 275	ED 025 609	VT 008 185	ED 031 562	VT 008 776	ED 032 405
VT 006 277	ED 025 611	VT 008 193	ED 029 126	VT 008 777	ED 032 406
VT 006 285	ED 035 788	VT 008 222	ED 029 130	VT 008 787	ED 031 572
VT 006 952	MP 000 610	VT 008 273	ED 029 964	VT 008 798	ED 030 746
VT 007 108	MP 000 705	VT 008 280	ED 029 134	VT 008 804	ED 030 747
VT 007 147	ED 025 632	VT 008 303	ED 032 395	VT 008 815	ED 039 316
VT 007 154	ED 023 896	VT 008 429	ED 029 147	VT 008 830	ED 030 750
VT 007 211	ED 032 390	VT 008 433	ED 029 148	VT 008 831	ED 030 751
VT 007 242	ED 043 727	VT 008 438	ED 029 970	VT 008 832	ED 030 752
VT 007 315	ED 027 388	VT 008 444	ED 030 716	VT 008 833	ED 030 753
VT 007 344	ED 043 728	VT 008 451	ED 028 306	VT 008 844	ED 031 574
VT 007 476	ED 024 825	VT 008 458	ED 029 149	VT 008 850	ED 031 577
VT 007 547	ED 026 517	VT 008 466	ED 040 267	VT 008 854	ED 032 407
VT 007 555	ED 025 654	VT 008 511	ED 030 717	VT 008 860	ED 030 756
VT 007 560	ED 033 183	VT 008 512	ED 030 718	VT 008 863	ED 031 578
VT 007 582	ED 025 658	VT 008 513	ED 029 976	VT 008 868	ED 030 618
VT 007 637	ED 043 729	VT 008 538	ED 038 489	VT 008 874	ED 030 757
VT 007 662	ED 037 522	VT 008 539	ED 038 490	VT 008 889	ED 040 268
VT 007 663	ED 027 397	VT 008 544	ED 029 977	VT 008 899	ED 032 410
VT 007 676	ED 025 672	VT 008 547	ED 030 722	VT 008 900	ED 041 101
VT 007 677	ED 025 673	VT 008 554	ED 029 978	VT 008 902	ED 030 759
VT 007 747	ED 034 019	VT 008 576	ED 031 566	VT 008 906	ED 031 579
VT 007 776	ED 026 531	VT 008 579	ED 030 723	VT 008 921	ED 030 760
VT 007 790	ED 025 679	VT 008 580	ED 029 981	VT 008 926	ED 031 580
VT 007 797	ED 029 103	VT 008 592	ED 030 724	VT 008 929	ED 030 761
VT 007 805	ED 039 312	VT 008 593	ED 030 725	VT 008 930	ED 033 199
VT 007 815	ED 042 873	VT 008 596	ED 032 397	VT 008 947	ED 032 073
VT 007 831	ED 029 106	VT 008 600	ED 029 989	VT 008 951	ED 032 413
VT 007 881	ED 029 956	VT 008 601	ED 029 990	VT 008 952	ED 030 762
VT 007 883	ED 026 541	VT 008 607	ED 030 726	VT 008 953	ED 030 763
VT 007 887	ED 026 542	VT 008 609	ED 031 568	VT 008 968	ED 030 764
VT 007 920	ED 036 613	VT 008 631	ED 029 993	VT 008 970	ED 030 765
VT 007 931	ED 027 425	VT 008 632	ED 029 994	VT 008 971	ED 032 414
VT 007 971	ED 039 313	VT 008 635	ED 033 196	VT 008 974	ED 030 766
VT 007 988	ED 027 433	VT 008 647	ED 030 729	VT 008 976	ED 030 767
VT 008 001	ED 029 112	VT 008 693	ED 030 731	VT 008 980	ED 031 583
VT 008 022	ED 041 100	VT 008 707	ED 031 569	VT 008 982	ED 030 768
VT 008 051	ED 029 116	VT 008 718	ED 033 197	VT 008 996	ED 031 585
VT 008 082	ED 028 288	VT 008 719	ED 031 570	VT 009 016	ED 031 588
VT 008 091	ED 032 392	VT 008 727	ED 032 398	VT 009 017	ED 031 589
VT 008 127	ED 028 292	VT 008 728	ED 032 399	VT 009 019	ED 032 415
VT 008 129	ED 029 121	VT 008 729	ED 032 400	VT 009 057	ED 031 593
VT 008 138	ED 029 122	VT 008 730	ED 032 401	VT 009 075	ED 033 200
VT 008 146	ED 032 393	VT 008 735	ED 030 736	VT 009 082	ED 033 201

<sup>1</sup> This index is cumulated annually beginning with the Fall issue of ARM.

<sup>2</sup> Any document with an MP number is available from EDRS by using the appropriate MP number.

## CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 009 086	ED 031 595	VT 009 680	ED 034 048	VT 010 036	ED 036 626
VT 009 087	ED 031 596	VT 009 682	ED 034 049	VT 010 042	ED 037 536
VT 009 126	ED 033 202	VT 009 684	ED 034 050	VT 010 060	ED 036 627
VT 009 127	ED 033 203	VT 009 685	ED 034 051	VT 010 072	ED 042 877
VT 009 154	ED 032 419	VT 009 687	ED 034 052	VT 010 079	ED 038 497
VT 009 158	ED 031 600	VT 009 688	ED 034 053	VT 010 080	ED 037 537
VT 009 159	ED 033 204	VT 009 689	ED 034 054	VT 010 084	ED 035 740
VT 009 185	ED 031 601	VT 009 694	ED 034 057	VT 010 112	ED 037 538
VT 009 188	ED 031 602	VT 009 695	ED 034 058	VT 010 117	ED 036 628
VT 009 190	ED 032 420	VT 009 763	ED 040 269	VT 010 118	ED 037 539
VT 009 192	ED 031 603	VT 009 768	ED 040 270	VT 010 125	ED 038 498
VT 009 196	ED 033 209	VT 009 769	ED 034 063	VT 010 137	ED 035 745
VT 009 198	ED 032 421	VT 009 770	ED 034 064	VT 010 148	ED 034 899
VT 009 247	ED 033 213	VT 009 788	ED 034 066	VT 010 158	ED 041 104
VT 009 248	ED 032 424	VT 009 793	ED 034 069	VT 010 163	ED 037 540
VT 009 263	ED 032 426	VT 009 794	ED 034 070	VT 010 164	ED 035 756
VT 009 265	ED 032 427	VT 009 797	ED 034 853	VT 010 166	ED 034 901
VT 009 280	ED 031 604	VT 009 799	ED 038 491	VT 010 169	ED 034 902
VT 009 285	ED 033 215	VT 009 813	ED 034 856	VT 010 171	ED 037 541
VT 009 286	ED 033 216	VT 009 815	ED 034 073	VT 010 173	ED 037 542
VT 009 346	ED 032 429	VT 009 822	ED 034 859	VT 010 175	ED 037 543
VT 009 347	ED 032 430	VT 009 824	ED 041 102	VT 010 177	ED 041 105
VT 009 348	ED 032 431	VT 009 825	ED 037 524	VT 010 179	ED 042 878
VT 009 355	ED 033 218	VT 009 826	ED 034 860	VT 010 183	ED 037 544
VT 009 356	ED 033 219	VT 009 830	ED 034 861	VT 010 184	ED 037 545
VT 009 387	ED 033 220	VT 009 831	ED 041 103	VT 010 185	ED 037 546
VT 009 387	ED 033 220	VT 009 835	ED 034 862	VT 010 187	ED 035 758
VT 009 388	ED 033 221	VT 009 836	ED 039 320	VT 010 192	ED 038 499
VT 009 391	ED 033 222	VT 009 841	ED 035 723	VT 010 194	ED 037 547
VT 009 399	ED 039 317	VT 009 846	ED 034 866	VT 010 200	ED 041 106
VT 009 408	ED 039 318	VT 009 847	ED 034 867	VT 010 203	ED 037 548
VT 009 414	ED 033 223	VT 009 865	ED 038 492	VT 010 205	ED 035 761
VT 009 426	ED 033 224	VT 009 888	ED 041 999	VT 010 212	ED 037 549
VT 009 457	ED 037 523	VT 009 893	ED 038 493	VT 010 228	ED 037 550
VT 009 474	ED 033 225	VT 009 901	ED 034 869	VT 010 238	ED 035 764
VT 009 489	ED 033 230	VT 009 903	ED 038 494	VT 010 239	ED 035 765
VT 009 495	ED 033 233	VT 009 904	ED 038 495	VT 010 240	ED 037 551
VT 009 507	ED 034 842	VT 009 906	ED 037 525	VT 010 260	ED 038 500
VT 009 533	ED 034 027	VT 009 907	ED 037 526	VT 010 261	ED 036 631
VT 009 541	ED 034 028	VT 009 908	ED 036 622	VT 010 262	ED 039 322
VT 009 549	ED 034 030	VT 009 912	ED 034 873	VT 010 264	ED 042 879
VT 009 552	ED 034 031	VT 009 917	ED 035 727	VT 010 272	ED 037 552
VT 009 574	ED 033 239	VT 009 918	ED 035 728	VT 010 277	ED 038 501
VT 009 575	ED 033 240	VT 009 920	ED 035 729	VT 010 280	ED 035 769
VT 009 578	ED 035 716	VT 009 921	ED 035 730	VT 010 283	ED 036 633
VT 009 579	ED 034 034	VT 009 927	ED 034 875	VT 010 284	ED 036 634
VT 009 580	ED 034 035	VT 009 933	ED 035 731	VT 010 285	ED 037 553
VT 009 581	ED 033 241	VT 009 935	ED 034 879	VT 010 286	ED 035 771
VT 009 584	ED 033 242	VT 009 978	ED 036 624	VT 010 291	ED 038 502
VT 009 586	ED 033 243	VT 009 988	ED 037 534	VT 010 300	ED 036 636
VT 009 589	ED 033 244	VT 009 990	ED 034 886	VT 010 309	ED 042 880
VT 009 612	ED 033 245	VT 009 992	ED 034 887	VT 010 311	ED 035 773
VT 009 618	ED 033 246	VT 009 998	ED 039 321	VT 010 318	ED 042 001
VT 009 642	ED 042 876	VT 010 022	ED 035 735	VT 010 323	ED 042 881
VT 009 655	ED 039 319	VT 010 023	ED 035 736	VT 010 325	ED 037 558

## CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 010 332	ED 040 271	VT 010 731	ED 037 579	VT 011 032	ED 042 008
VT 010 338	ED 037 559	VT 010 732	ED 038 521	VT 011 041	ED 042 009
VT 010 349	ED 039 323	VT 010 733	ED 038 522	VT 011 075	ED 040 278
VT 010 375	ED 042 882	VT 010 735	ED 038 523	VT 011 079	ED 040 279
VT 010 377	ED 036 646	VT 010 741	ED 042 889	VT 011 081	ED 041 112
VT 010 383	ED 038 504	VT 010 750	ED 038 524	VT 011 085	ED 040 280
VT 010 395	ED 041 108	VT 010 752	ED 037 581	VT 011 088	ED 039 356
VT 010 398	ED 036 647	VT 010 758	ED 039 333	VT 011 091	ED 039 357
VT 010 400	ED 036 648	VT 010 760	ED 038 526	VT 011 094	ED 042 893
VT 010 402	ED 036 650	VT 010 761	ED 040 273	VT 011 095	ED 041 113
VT 010 428	ED 036 653	VT 010 768	ED 037 583	VT 011 098	ED 039 358
VT 010 437	ED 036 655	VT 010 800	ED 038 529	VT 011 099	ED 039 359
VT 010 460	ED 036 656	VT 010 802	ED 038 530	VT 011 102	ED 039 360
VT 010 473	ED 042 884	VT 010 803	ED 038 531	VT 011 106	ED 040 281
VT 010 475	ED 037 561	VT 010 806	ED 039 334	VT 011 110	ED 040 282
VT 010 495	ED 037 562	VT 010 858	ED 038 533	VT 011 112	ED 042 010
VT 010 496	ED 037 563	VT 010 859	ED 040 274	VT 011 132	ED 039 361
VT 010 497	ED 037 564	VT 010 860	ED 039 336	VT 011 133	ED 039 362
VT 010 504	ED 037 565	VT 010 861	ED 039 337	VT 011 135	ED 040 283
VT 010 525	ED 042 885	VT 010 869	ED 039 338	VT 011 136	ED 043 732
VT 010 541	ED 038 508	VT 010 871	ED 038 534	VT 011 137	ED 039 364
VT 010 556	ED 038 509	VT 010 872	ED 038 535	VT 011 156	ED 043 733
VT 010 560	ED 039 325	VT 010 873	ED 038 536	VT 011 157	ED 040 284
VT 010 561	ED 039 326	VT 010 875	ED 039 340	VT 011 170	ED 041 114
VT 010 562	ED 039 327	VT 010 876	ED 038 537	VT 011 171	ED 039 366
VT 010 563	ED 041 109	VT 010 877	ED 039 341	VT 011 178	ED 039 368
VT 010 585	ED 038 510	VT 010 881	ED 040 275	VT 011 180	ED 041 115
VT 010 586	ED 040 272	VT 010 882	ED 038 540	VT 011 181	ED 039 369
VT 010 587	ED 042 886	VT 010 883	ED 038 541	VT 011 182	ED 040 286
VT 010 588	ED 039 328	VT 010 893	ED 038 542	VT 011 183	ED 040 287
VT 010 595	ED 037 567	VT 010 902	ED 039 342	VT 011 184	ED 041 116
VT 010 597	ED 037 568	VT 010 916	ED 038 543	VT 011 185	ED 040 288
VT 010 598	ED 038 511	VT 010 917	ED 042 890	VT 011 187	ED 040 289
VT 010 602	ED 037 569	VT 010 918	ED 039 343	VT 011 190	ED 040 290
VT 010 603	ED 037 570	VT 010 937	ED 039 344	VT 011 192	ED 041 117
VT 010 604	ED 038 512	VT 010 940	ED 041 111	VT 011 193	ED 043 734
VT 010 606	ED 037 571	VT 010 942	ED 042 003	VT 011 194	ED 041 118
VT 010 624	ED 037 573	VT 010 950	ED 039 345	VT 011 209	ED 042 012
VT 010 625	ED 037 574	VT 010 973	ED 038 544	VT 011 222	ED 041 119
VT 010 650	ED 042 887	VT 010 976	ED 039 347	VT 011 228	ED 041 120
VT 010 651	ED 037 575	VT 010 979	ED 042 891	VT 011 229	ED 040 292
VT 010 657	ED 041 110	VT 010 980	ED 039 348	VT 011 235	ED 041 121
VT 010 659	ED 038 513	VT 010 981	ED 039 349	VT 011 240	ED 041 122
VT 010 663	ED 037 576	VT 010 985	ED 039 350	VT 011 241	ED 040 293
VT 010 673	ED 037 577	VT 010 994	ED 043 730	VT 011 245	ED 040 294
VT 010 674	ED 038 514	VT 011 002	ED 042 005	VT 011 247	ED 041 123
VT 010 678	ED 039 329	VT 011 004	ED 042 892	VT 011 260	ED 042 013
VT 010 679	ED 038 516	VT 011 005	ED 040 277	VT 011 265	ED 041 124
VT 010 680	ED 038 517	VT 011 007	ED 03 351	VT 011 269	ED 041 126
VT 010 681	ED 038 518	VT 011 008	ED 042 006	VT 011 276	ED 040 295
VT 010 704	ED 039 330	VT 011 013	ED 039 352	VT 011 277	ED 040 296
VT 010 708	ED 039 331	VT 011 020	ED 039 353	VT 011 278	ED 042 014
VT 010 712	ED 042 888	VT 011 021	ED 039 354	VT 011 288	ED 042 015
VT 010 721	ED 038 519	VT 011 023	ED 039 355	VT 011 289	ED 042 016
VT 010 722	ED 038 520	VT 011 028	ED 042 007	VT 011 297	ED 042 895



## CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 011 300	ED 041 127	VT 011 462	ED 042 033	VT 011 707	ED 042 915
VT 011 302	ED 041 129	VT 011 463	ED 041 156	VT 011 708	ED 042 916
VT 011 303	ED 042 017	VT 011 469	ED 042 903	VT 011 724	ED 042 918
VT 011 304	ED 041 130	VT 011 473	ED 043 738	VT 011 725	ED 043 753
VT 011 305	ED 042 018	VT 011 474	ED 042 904	VT 011 727	ED 043 754
VT 011 306	ED 042 019	VT 011 475	ED 042 905	VT 011 728	ED 042 919
VT 011 307	ED 041 131	VT 011 476	ED 042 906	VT 011 729	ED 042 059
VT 011 308	ED 041 132	VT 011 481	ED 041 157	VT 011 733	ED 042 060
VT 011 309	ED 041 133	VT 011 482	ED 041 158	VT 011 734	ED 043 755
VT 011 324	ED 041 134	VT 011 483	ED 042 034	VT 011 736	ED 042 921
VT 011 327	ED 041 135	VT 011 484	ED 042 035	VT 011 745	ED 043 756
VT 011 328	ED 043 735	VT 011 509	ED 042 036	VT 011 749	ED 043 757
VT 011 331	ED 041 136	VT 011 514	ED 042 037	VT 011 757	ED 042 922
VT 011 333	ED 042 896	VT 011 515	ED 042 038	VT 011 759	ED 043 758
VT 011 335	ED 042 020	VT 011 516	ED 042 039	VT 011 760	ED 042 923
VT 011 338	ED 041 137	VT 011 525	ED 041 167	VT 011 766	ED 042 926
VT 011 346	ED 041 138	VT 011 534	ED 041 176	VT 011 771	ED 042 927
VT 011 347	ED 041 139	VT 011 535	ED 042 040	VT 011 773	ED 042 928
VT 011 348	ED 040 297	VT 011 536	ED 042 041	VT 011 780	ED 043 759
VT 011 349	ED 040 298	VT 011 537	ED 042 042	VT 011 792	ED 043 760
VT 011 350	ED 040 299	VT 011 539	ED 042 907	VT 011 800	ED 043 762
VT 011 356	ED 040 301	VT 011 540	ED 042 908	VT 011 817	ED 043 763
VT 011 361	ED 041 141	VT 011 542	ED 042 043	VT 011 826	ED 043 764
VT 011 362	ED 041 142	VT 011 558	ED 042 044	VT 011 830	ED 042 929
VT 011 369	ED 042 021	VT 011 559	ED 042 045	VT 011 831	ED 043 765
VT 011 370	ED 042 022	VT 011 560	ED 042 046	VT 011 836	ED 043 766
VT 011 371	ED 042 023	VT 011 571	ED 042 047	VT 011 848	ED 043 767
VT 011 380	ED 041 143	VT 011 577	ED 042 048	VT 011 849	ED 043 768
VT 011 381	ED 040 302	VT 011 578	ED 042 049	VT 011 851	ED 043 769
VT 011 388	ED 042 024	VT 011 582	ED 042 050	VT 011 859	ED 043 770
VT 011 393	ED 042 025	VT 011 600	ED 042 053	VT 011 863	ED 043 771
VT 011 395	ED 041 144	VT 011 614	ED 042 054	VT 011 875	ED 043 772
VT 011 397	ED 042 026	VT 011 630	ED 042 055	VT 011 879	ED 043 773
VT 011 398	ED 041 145	VT 011 631	ED 043 739	VT 011 894	ED 043 774
VT 011 400	ED 042 897	VT 011 632	ED 042 909	VT 011 910	ED 043 775
VT 011 401	ED 042 898	VT 011 633	ED 042 056	VT 011 927	ED 043 776
VT 011 402	ED 042 027	VT 011 634	ED 043 740	VT 011 934	ED 043 777
VT 011 403	ED 042 899	VT 011 635	ED 042 057	VT 011 942	ED 043 779
VT 011 404	ED 042 900	VT 011 637	ED 042 058	VT 011 943	ED 043 780
VT 011 405	ED 042 028	VT 011 640	ED 042 910	VT 011 962	ED 043 782
VT 011 419	ED 042 030	VT 011 683	ED 043 741	VT 011 964	ED 043 784
VT 011 424	ED 042 031	VT 011 684	ED 043 742	VT 011 965	ED 043 785
VT 011 425	ED 041 146	VT 011 685	ED 043 743	VT 011 966	ED 043 786
VT 011 426	ED 041 147	VT 011 687	ED 043 745	VT 012 444	ED 045 857
VT 011 427	ED 041 148	VT 011 688	ED 043 746	VT 012 484	ED 045 860
VT 011 428	ED 041 149	VT 011 689	ED 043 747		
VT 011 429	ED 041 150	VT 011 690	ED 042 911		
VT 011 430	ED 041 151	VT 011 691	ED 043 748		
VT 011 433	ED 042 901	VT 011 693	ED 042 912		
VT 011 438	ED 042 032	VT 011 700	ED 043 749		
VT 011 439	ED 043 736	VT 011 701	ED 043 750		
VT 011 440	ED 041 154	VT 011 702	ED 042 913		
VT 011 444	ED 042 902	VT 011 703	ED 042 914		
VT 011 451	ED 043 737	VT 011 705	ED 043 751		
VT 011 454	ED 041 155	VT 011 706	ED 043 752		

## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

MP 000 137	VT 002 717	ED 030 722	VT 008 547	ED 032 393	VT 008 146
MP 000 610	VT 006 952	ED 030 723	VT 008 579	ED 032 394	VT 008 177
MP 000 705	VT 007 108	ED 030 724	VT 008 592	ED 032 395	VT 008 303
ED 023 896	VT 007 154	ED 030 725	VT 008 593	ED 032 397	VT 008 596
ED 024 825	VT 007 476	ED 030 726	VT 008 607	ED 032 398	VT 008 727
ED 025 609	VT 006 275	ED 030 729	VT 008 647	ED 032 399	VT 008 728
ED 025 611	VT 006 277	ED 030 731	VT 008 693	ED 032 400	VT 008 729
ED 025 632	VT 007 147	ED 030 736	VT 008 735	ED 032 401	VT 008 730
ED 025 654	VT 007 555	ED 030 737	VT 008 736	ED 032 402	VT 008 753
ED 025 658	VT 007 582	ED 030 738	VT 008 738	ED 032 403	VT 008 769
ED 025 672	VT 007 676	ED 030 743	VT 008 770	ED 032 405	VT 008 776
ED 025 673	VT 007 677	ED 030 746	VT 008 798	ED 032 406	VT 008 777
ED 025 679	VT 007 790	ED 030 747	VT 008 804	ED 032 407	VT 008 854
ED 026 517	VT 007 547	ED 030 750	VT 008 830	ED 032 410	VT 008 899
ED 026 531	VT 007 776	ED 030 751	VT 008 831	ED 032 413	VT 008 951
ED 026 541	VT 007 883	ED 030 752	VT 008 832	ED 032 414	VT 008 971
ED 026 542	VT 007 887	ED 030 753	VT 008 833	ED 032 415	VT 009 019
ED 027 388	VT 007 315	ED 030 756	VT 008 860	ED 032 419	VT 009 154
ED 027 397	VT 007 663	ED 030 757	VT 008 874	ED 032 420	VT 009 190
ED 027 425	VT 007 931	ED 030 759	VT 008 902	ED 032 421	VT 009 198
ED 027 433	VT 007 988	ED 030 760	VT 008 921	ED 032 424	VT 009 248
ED 028 288	VT 008 082	ED 030 761	VT 008 929	ED 032 426	VT 009 263
ED 028 292	VT 008 127	ED 030 762	VT 008 952	ED 032 427	VT 009 265
ED 028 294	VT 008 150	ED 030 763	VT 008 953	ED 032 429	VT 009 346
ED 028 297	VT 008 173	ED 030 764	VT 008 968	ED 032 430	VT 009 347
ED 028 298	VT 008 183	ED 030 765	VT 008 970	ED 032 431	VT 009 348
ED 028 306	VT 008 451	ED 030 766	VT 008 974	ED 033 188	VT 007 560
ED 029 103	VT 007 797	ED 030 767	VT 008 976	ED 033 196	VT 008 635
ED 029 106	VT 007 831	ED 030 768	VT 008 982	ED 033 197	VT 008 718
ED 029 112	VT 008 008	ED 031 562	VT 008 185	ED 033 199	VT 008 930
ED 029 116	VT 008 051	ED 031 566	VT 008 576	ED 033 200	VT 009 075
ED 029 121	VT 008 129	ED 031 568	VT 008 609	ED 033 201	VT 009 082
ED 029 122	VT 008 138	ED 031 569	VT 008 707	ED 033 202	VT 009 126
ED 029 123	VT 008 171	ED 031 570	VT 008 719	ED 033 203	VT 009 127
ED 029 124	VT 008 182	ED 031 572	VT 008 787	ED 033 204	VT 009 159
ED 029 126	VT 008 198	ED 031 574	VT 008 844	ED 033 209	VT 009 196
ED 029 130	VT 008 222	ED 031 577	VT 008 850	ED 033 213	VT 009 247
ED 029 134	VT 008 280	ED 031 578	VT 008 863	ED 033 215	VT 009 285
ED 029 147	VT 008 429	ED 031 579	VT 008 906	ED 033 216	VT 009 286
ED 029 148	VT 008 433	ED 031 580	VT 008 926	ED 033 218	VT 009 355
ED 029 149	VT 008 458	ED 031 583	VT 008 980	ED 033 219	VT 009 356
ED 029 956	VT 007 881	ED 031 585	VT 008 996	ED 033 220	VT 009 387
ED 029 964	VT 008 273	ED 031 588	VT 009 016	ED 033 220	VT 009 387
ED 029 970	VT 008 438	ED 031 589	VT 009 017	ED 033 221	VT 009 388
ED 029 976	VT 008 513	ED 031 593	VT 009 057	ED 033 222	VT 009 391
ED 029 977	VT 008 544	ED 031 595	VT 009 086	ED 033 223	VT 009 414
ED 029 978	VT 008 554	ED 031 596	VT 009 087	ED 033 224	VT 009 426
ED 029 981	VT 008 580	ED 031 600	VT 009 158	ED 033 225	VT 009 474
ED 029 989	VT 008 600	ED 031 601	VT 009 185	ED 033 230	VT 009 489
ED 029 990	VT 008 601	ED 031 602	VT 009 188	ED 033 233	VT 009 495
ED 029 993	VT 008 631	ED 031 603	VT 009 192	ED 033 239	VT 009 574
ED 029 994	VT 008 632	ED 031 604	VT 009 280	ED 033 240	VT 009 575
ED 030 716	VT 008 444	ED 032 073	VT 008 947	ED 033 241	VT 009 581
ED 030 717	VT 008 511	ED 032 390	VT 007 211	ED 033 242	VT 009 584
ED 030 718	VT 008 512	ED 032 392	VT 008 091	ED 033 243	VT 009 586

## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 033 244	VT 009 589	ED 035 756	VT 010 164	ED 037 562	VT 010 495
ED 033 245	VT 009 612	ED 035 758	VT 010 187	ED 037 563	VT 010 496
ED 033 246	VT 009 618	ED 035 761	VT 010 205	ED 037 564	VT 010 497
ED 034 019	VT 007 747	ED 035 764	VT 010 238	ED 037 565	VT 010 504
ED 034 027	VT 009 533	ED 035 765	VT 010 239	ED 037 567	VT 010 595
ED 034 028	VT 009 541	ED 035 769	VT 010 280	ED 037 568	VT 010 597
ED 034 030	VT 009 549	ED 035 771	VT 010 286	ED 037 569	VT 010 602
ED 034 031	VT 009 552	ED 035 773	VT 010 311	ED 037 570	VT 010 603
ED 034 034	VT 009 579	ED 035 788	VT 006 285	ED 037 571	VT 010 606
ED 034 035	VT 009 580	ED 036 613	VT 007 920	ED 037 573	VT 010 624
ED 034 048	VT 009 680	ED 036 616	VT 008 750	ED 037 574	VT 010 625
ED 034 049	VT 009 682	ED 036 618	VT 008 868	ED 037 575	VT 010 651
ED 034 050	VT 009 684	ED 036 622	VT 009 908	ED 037 576	VT 010 663
ED 034 051	VT 009 685	ED 036 624	VT 009 978	ED 037 577	VT 010 673
ED 034 052	VT 009 687	ED 036 626	VT 010 036	ED 037 579	VT 010 731
ED 034 053	VT 009 688	ED 036 627	VT 010 060	ED 037 581	VT 010 752
ED 034 054	VT 009 689	ED 036 628	VT 010 117	ED 037 583	VT 010 768
ED 034 057	VT 009 694	ED 036 631	VT 010 261	ED 038 488	VT 004 667
ED 034 058	VT 009 695	ED 036 633	VT 010 283	ED 038 489	VT 008 538
ED 034 063	VT 009 769	ED 036 634	VT 010 284	ED 038 490	VT 008 539
ED 034 064	VT 009 770	ED 036 636	VT 010 300	ED 038 491	VT 009 799
ED 034 066	VT 009 788	ED 036 646	VT 010 377	ED 038 492	VT 009 865
ED 034 069	VT 009 793	ED 036 647	VT 010 398	ED 038 493	VT 009 893
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ED 034 853	VT 009 797	ED 036 655	VT 010 437	ED 038 498	VT 010 125
ED 034 856	VT 009 813	ED 036 656	VT 010 460	ED 038 499	VT 010 192
ED 034 859	VT 009 822	ED 037 522	VT 007 662	ED 038 500	VT 010 260
ED 034 860	VT 009 826	ED 037 523	VT 009 457	ED 038 501	VT 010 277
ED 034 861	VT 009 830	ED 037 524	VT 009 825	ED 038 502	VT 010 291
ED 034 862	VT 009 835	ED 037 525	VT 009 906	ED 038 504	VT 010 383
ED 034 866	VT 009 846	ED 037 526	VT 009 907	ED 038 508	VT 010 541
ED 034 867	VT 009 847	ED 037 534	VT 009 988	ED 038 509	VT 010 556
ED 034 869	VT 009 901	ED 037 536	VT 010 042	ED 038 510	VT 010 585
ED 034 873	VT 009 912	ED 037 537	VT 010 080	ED 038 511	VT 010 598
ED 034 875	VT 009 927	ED 037 538	VT 010 112	ED 038 512	VT 010 504
ED 034 879	VT 009 935	ED 037 539	VT 010 118	ED 038 513	VT 010 659
ED 034 886	VT 009 990	ED 037 540	VT 010 163	ED 038 514	VT 010 674
ED 034 887	VT 009 992	ED 037 541	VT 010 171	ED 038 516	VT 010 679
ED 034 899	VT 010 148	ED 037 542	VT 010 173	ED 038 517	VT 010 680
ED 034 901	VT 010 166	ED 037 543	VT 010 175	ED 038 518	VT 010 681
ED 034 902	VT 010 169	ED 037 544	VT 010 183	ED 038 519	VT 010 721
ED 035 715	VT 002 431	ED 037 545	VT 010 184	ED 038 520	VT 010 722
ED 035 716	VT 009 578	ED 037 546	VT 010 185	ED 038 521	VT 010 732
ED 035 723	VT 009 841	ED 037 547	VT 010 194	ED 038 522	VT 010 733
ED 035 727	VT 009 917	ED 037 548	VT 010 203	ED 038 523	VT 010 735
ED 035 728	VT 009 918	ED 037 549	VT 010 212	ED 038 524	VT 010 750
ED 035 729	VT 009 920	ED 037 550	VT 010 228	ED 038 526	VT 010 760
ED 035 730	VT 009 921	ED 037 551	VT 010 240	ED 038 529	VT 010 800
ED 035 731	VT 009 933	ED 037 552	VT 010 272	ED 038 530	VT 010 802
ED 035 735	VT 010 022	ED 037 553	VT 010 285	ED 038 531	VT 010 803
ED 035 736	VT 010 023	ED 037 558	VT 010 325	ED 038 533	VT 010 858
ED 035 740	VT 010 084	ED 037 559	VT 010 338	ED 038 534	VT 010 871
ED 035 745	VT 010 137	ED 037 561	VT 010 475	ED 038 535	VT 010 872

## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 038 536	VT 010 873	ED 040 267	VT 008 466	ED 041 124	VT 011 265
ED 038 537	VT 010 876	ED 040 268	VT 008 889	ED 041 126	VT 011 269
ED 038 540	VT 010 882	ED 040 269	VT 009 763	ED 041 127	VT 011 300
ED 038 541	VT 010 883	ED 040 270	VT 009 768	ED 041 129	VT 011 302
ED 038 542	VT 010 893	ED 040 271	VT 010 332	ED 041 130	VT 011 304
ED 038 543	VT 010 916	ED 040 272	VT 010 586	ED 041 131	VT 011 307
ED 038 544	VT 010 973	ED 040 273	VT 010 761	ED 041 132	VT 011 308
ED 039 312	VT 007 805	ED 040 274	VT 010 859	ED 041 133	VT 011 309
ED 039 313	VT 007 971	ED 040 275	VT 010 881	ED 041 134	VT 011 324
ED 039 316	VT 008 815	ED 040 277	VT 011 005	ED 041 135	VT 011 327
ED 039 317	VT 009 399	ED 040 278	VT 011 075	ED 041 136	VT 011 331
ED 039 318	VT 009 408	ED 040 279	VT 011 079	ED 041 137	VT 011 338
ED 039 319	VT 009 655	ED 040 280	VT 011 085	ED 041 138	VT 011 346
ED 039 320	VT 009 836	ED 040 281	VT 011 106	ED 041 139	VT 011 347
ED 039 321	VT 009 998	ED 040 282	VT 011 110	ED 041 141	VT 011 361
ED 039 322	VT 010 262	ED 040 283	VT 011 135	ED 041 142	VT 011 362
ED 039 323	VT 010 349	ED 040 284	VT 011 157	ED 041 143	VT 011 380
ED 039 325	VT 010 560	ED 040 286	VT 011 182	ED 041 144	VT 011 395
ED 039 326	VT 010 561	ED 040 287	VT 011 183	ED 041 145	VT 011 398
ED 039 327	VT 010 562	ED 040 288	VT 011 185	ED 041 146	VT 011 425
ED 039 328	VT 010 588	ED 040 289	VT 011 187	ED 041 147	VT 011 426
ED 039 329	VT 010 678	ED 040 290	VT 011 190	ED 041 148	VT 011 427
ED 039 330	VT 010 704	ED 040 292	VT 011 229	ED 041 149	VT 011 428
ED 039 331	VT 010 708	ED 040 293	VT 011 241	ED 041 150	VT 011 429
ED 039 333	VT 010 758	ED 040 294	VT 011 245	ED 041 151	VT 011 430
ED 039 334	VT 010 806	ED 040 295	VT 011 276	ED 041 154	VT 011 440
ED 039 336	VT 010 860	ED 040 296	VT 011 277	ED 041 155	VT 011 454
ED 039 337	VT 010 861	ED 040 297	VT 011 348	ED 041 156	VT 011 463
ED 039 338	VT 010 869	ED 040 298	VT 011 349	ED 041 157	VT 011 481
ED 039 340	VT 010 875	ED 040 299	VT 011 350	ED 041 158	VT 011 482
ED 039 341	VT 010 877	ED 040 301	VT 011 356	ED 041 167	VT 011 525
ED 039 342	VT 010 902	ED 040 302	VT 011 381	ED 041 176	VT 011 534
ED 039 343	VT 010 918	ED 041 100	VT 008 022	ED 041 999	VT 009 888
ED 039 344	VT 010 937	ED 041 101	VT 008 900	ED 042 001	VT 010 318
ED 039 345	VT 010 950	ED 041 102	VT 009 824	ED 042 003	VT 010 942
ED 039 347	VT 010 976	ED 041 103	VT 009 831	ED 042 005	VT 011 002
ED 039 348	VT 010 980	ED 041 104	VT 010 158	ED 042 006	VT 011 008
ED 039 349	VT 010 981	ED 041 105	VT 010 177	ED 042 007	VT 011 028
ED 039 350	VT 010 985	ED 041 106	VT 010 200	ED 042 008	VT 011 032
ED 039 351	VT 011 007	ED 041 108	VT 010 395	ED 042 009	VT 011 041
ED 039 352	VT 011 013	ED 041 109	VT 010 563	ED 042 010	VT 011 112
ED 039 353	VT 011 020	ED 041 110	VT 010 657	ED 042 012	VT 011 209
ED 039 354	VT 011 021	ED 041 111	VT 010 940	ED 042 013	VT 011 260
ED 039 355	VT 011 023	ED 041 112	VT 011 081	ED 042 014	VT 011 278
ED 039 356	VT 011 088	ED 041 113	VT 011 095	ED 042 015	VT 011 288
ED 039 357	VT 011 091	ED 041 114	VT 011 170	ED 042 016	VT 011 289
ED 039 358	VT 011 098	ED 041 115	VT 011 180	ED 042 017	VT 011 303
ED 039 359	VT 011 099	ED 041 116	VT 011 184	ED 042 018	VT 011 305
ED 039 360	VT 011 102	ED 041 117	VT 011 192	ED 042 019	VT 011 306
ED 039 361	VT 011 132	ED 041 118	VT 011 194	ED 042 020	VT 011 335
ED 039 362	VT 011 133	ED 041 119	VT 011 222	ED 042 021	VT 011 369
ED 039 364	VT 011 137	ED 041 120	VT 011 228	ED 042 022	VT 011 370
ED 039 366	VT 011 171	ED 041 121	VT 011 235	ED 042 023	VT 011 371
ED 039 368	VT 011 178	ED 041 122	VT 011 240	ED 042 024	VT 011 388
ED 039 369	VT 011 181	ED 041 123	VT 011 247	ED 042 025	VT 011 393



## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 042 026	VT 011 397	ED 042 899	VT 011 403	ED 043 755	VT 011 734
ED 042 027	VT 011 402	ED 042 900	VT 011 404	ED 043 756	VT 011 745
ED 042 028	VT 011 405	ED 042 901	VT 011 433	ED 043 757	VT 011 749
ED 042 030	VT 011 419	ED 042 902	VT 011 444	ED 043 758	VT 011 759
ED 042 031	VT 011 424	ED 042 903	VT 011 469	ED 043 759	VT 011 780
ED 042 032	VT 011 438	ED 042 904	VT 011 474	ED 043 760	VT 011 792
ED 042 033	VT 011 462	ED 042 905	VT 011 475	ED 043 762	VT 011 800
ED 042 034	VT 011 483	ED 042 906	VT 011 476	ED 043 763	VT 011 817
ED 042 035	VT 011 484	ED 042 907	VT 011 539	ED 043 764	VT 011 826
ED 042 036	VT 011 509	ED 042 908	VT 011 540	ED 043 765	VT 011 831
ED 042 037	VT 011 514	ED 042 909	VT 011 632	ED 043 766	VT 011 836
ED 042 038	VT 011 515	ED 042 910	VT 011 640	ED 043 767	VT 011 848
ED 042 039	VT 011 516	ED 042 911	VT 011 690	ED 043 768	VT 011 849
ED 042 040	VT 011 535	ED 042 912	VT 011 693	ED 043 769	VT 011 851
ED 042 041	VT 011 536	ED 042 913	VT 011 702	ED 043 770	VT 011 859
ED 042 042	VT 011 537	ED 042 914	VT 011 703	ED 043 771	VT 011 863
ED 042 043	VT 011 542	ED 042 915	VT 011 707	ED 043 772	VT 011 875
ED 042 044	VT 011 558	ED 042 916	VT 011 708	ED 043 773	VT 011 879
ED 042 045	VT 011 559	ED 042 918	VT 011 724	ED 043 774	VT 011 894
ED 042 046	VT 011 560	ED 042 919	VT 011 728	ED 043 775	VT 011 910
ED 042 047	VT 011 571	ED 042 921	VT 011 736	ED 043 776	VT 011 927
ED 042 048	VT 011 577	ED 042 922	VT 011 757	ED 043 777	VT 011 934
ED 042 049	VT 011 578	ED 042 923	VT 011 760	ED 043 779	VT 011 942
ED 042 050	VT 011 582	ED 042 926	VT 011 766	ED 043 780	VT 011 943
ED 042 053	VT 011 600	ED 042 927	VT 011 771	ED 043 782	VT 011 962
ED 042 054	VT 011 614	ED 042 928	VT 011 773	ED 043 784	VT 011 964
ED 042 055	VT 011 630	ED 042 929	VT 011 830	ED 043 785	VT 011 965
ED 042 056	VT 011 633	ED 043 725	VT 001 106	ED 043 786	VT 011 966
ED 042 057	VT 011 635	ED 043 726	VT 003 298	ED 045 857	VT 012 444
ED 042 058	VT 011 637	ED 043 727	VT 007 242	ED 045 860	VT 012 484
ED 042 059	VT 011 729	ED 043 728	VT 007 344		
ED 042 060	VT 011 733	ED 043 729	VT 007 637		
ED 042 872	VT 003 396	ED 043 730	VT 010 994		
ED 042 873	VT 007 815	ED 043 732	VT 011 136		
ED 042 876	VT 009 642	ED 043 733	VT 011 156		
ED 042 877	VT 010 072	ED 043 734	VT 011 193		
ED 042 878	VT 010 179	ED 043 735	VT 011 328		
ED 042 879	VT 010 264	ED 043 736	VT 011 439		
ED 042 880	VT 010 309	ED 043 737	VT 011 451		
ED 042 881	VT 010 323	ED 043 738	VT 011 473		
ED 042 882	VT 010 375	ED 043 739	VT 011 631		
ED 042 884	VT 010 473	ED 043 740	VT 011 634		
ED 042 885	VT 010 525	ED 043 741	VT 011 683		
ED 042 886	VT 010 587	ED 043 742	VT 011 684		
ED 042 887	VT 010 650	ED 043 743	VT 011 685		
ED 042 888	VT 010 712	ED 043 745	VT 011 687		
ED 042 889	VT 010 741	ED 043 746	VT 011 688		
ED 042 890	VT 010 917	ED 043 747	VT 011 689		
ED 042 891	VT 010 979	ED 043 748	VT 011 691		
ED 042 892	VT 011 004	ED 043 749	VT 011 700		
ED 042 893	VT 011 094	ED 043 750	VT 011 701		
ED 042 895	VT 011 297	ED 043 751	VT 011 705		
ED 042 896	VT 011 333	ED 043 752	VT 011 706		
ED 042 897	VT 011 400	ED 043 753	VT 011 725		
ED 042 898	VT 011 401	ED 043 754	VT 011 727		

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2	The Demand for and Selected Sources of Teachers in Vocational and Technical Education, State Director Survey, by James W. Hensel, January, 1967	--	ED 012 331 MF-\$ .50, HC-\$4.25	
3	Research and Development Priorities in Technical Education, A Report of a National Research Planning Conference in Technical Education, by Aaron J. Miller, May, 1967	--	ED 013 888 MF-\$ .25, HC-\$2.05	
4	The Emerging Role of State Education Departments with Specific Implications for Divisions of Vocational-Technical Education, Report of a National Conference on State Department Leadership in Vocational Education, by Dick C. Rice and Powell E. Toth, 1967	--	ED 016 870 MF-\$1.50, HC-\$20.35	
5	A Taxonomy of Office Activities for Business and Office Education, by Harry Huffman and others, July, 1968	--	ED 021 140 MF-\$ .75, HC-\$8.30	
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9	Trade and Industrial Teacher Education and Certification: Report of a National Invitational Research Development Seminar, by Robert M. Reese, November, 1968	--	ED 025 644 MF-\$ .50, HC-\$2.20	
10	Research Priorities in Technical Teacher Education, A Planning Model, by Aaron J. Miller, October, 1967	--	ED 016 815 MF-\$ .25, HC-\$2.90	
11	Implications of Women's Work Patterns for Program Development in Vocational and Technical Education, by Sylvia L. Lee and others, October, 1967	\$2.00	ED 016 812 MF-\$ .50, HC-\$4.10	
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16	A General Guide for Planning Facilities for Occupational Preparation Programs, by Richard F. Meckley, June, 1969	\$2.00	ED 030 771 MF-\$ .50, HC-\$4.45	
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2	Guidance in Vocational Education--Guidelines for Research and Practice, by Robert E. Campbell, 1966	--	ED 011 922	MF-\$ .75, HC-\$9.60
3	Guidelines for State Supervisors of Office Occupations Education, by R. D. Balthaser and Bruce I. Blackstone, 1965	--	VT 001 266 (In ED 017 746, ARM microfiche set)	
4	National Vocational-Technical Education Seminar on the Development and Coordination of Research by State Research Coordinating Units, by Virgil E. Christensen, February, 1966	--	ED 011 042	MF-\$ .50, HC-\$4.45

## PUBLICATIONS (cont.)

Series No.	Publication Title (LT)	Center	Availability	
				EDRS
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6	Program Development for Occupational Education, A Report of a National Seminar for Leaders in Home Economics Education, by Sylvia L. Lee and Kathleen Howell, March, 1966	--	ED 011 040 MF-\$ .50, HC-\$6.20	
7	Trade and Industrial Teacher Education, Report of a National Invitational Research Planning Conference, by Calvin J. Cotrell, May, 1966	\$2.00	ED 011 043 MF-\$ .75, HC-\$9.95	
8	Evaluation and Program Planning in Agricultural Education, Report of a National Seminar, by James W. Hensel, 1966	--	ED 011 037 MF-\$ .75, HC-\$6.50	
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12	Compilation of Technical Education Instructional Materials-- Supplement I, compiled by C. J. Cotrell and I. E. Valentine, April, 1967	--	ED 012 340 MF-\$ .75, HC-\$9.35	
13	Compilation of Technical Education Instructional Materials-- Supplement II, compiled by C. J. Cotrell and I. E. Valentine, April, 1967	--	ED 011 933 MF-\$1.00, HC-\$10.95	
14	Educational Media in Vocational and Technical Education, A Report of a National Seminar, by Calvin J. Cotrell and Edward F. Hauck, 1967	--	ED 017 730 MF-\$1.00, HC-\$12.85	
15	Vocational-Technical Teacher Education--National Seminar Proceedings, by Neal E. Vivian and Kenneth E. Hoffman, 1967	\$3.25	ED 020 431 MF-\$1.25, HC-\$13.85	
16	National Program Development Institutes in Technical Education, Summer, 1967: A Compilation of Selected Presentations and Instructional Materials, by A. J. Miller and I. E. Valentine, February, 1968	--	ED 021 069 MF-\$ .75, HC-\$9.55	
17	Second Annual National Vocational-Technical Teacher Education Seminar, by James W. Hensel and Garry R. Rice, January, 1969	\$3.00	ED 027 424 MF-\$ .75, HC-\$8.60	
18	Program, Planning, Budgeting Systems for Educators, Volume I: An Instructional Outline, by Joseph H. McGivney and William C. Nelson, August, 1969	--	ED 032 417 MF-\$1.25, HC-\$14.05	
19	Program, Planning, Budgeting Systems for Educators, Volume II: A Case Problem, by Joseph H. McGivney and William C. Nelson, August, 1969	--	ED 032 418 MF-\$ .75, HC-\$8.35	
20	National Conference on Research in Industrial Arts, by Alan R. Suess, April, 1969	--	ED 029 986 MF-\$ .50, HC-\$5.90	
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27	Occupations and Education: Leaders in the Field Speak Out, Occupational Education Program Development Institutes for Post-Secondary Institutions, 1969	--	ED 041 127 MF-\$ .25, HC-\$1.25	
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## PUBLICATIONS (cont.)

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30	A Seminar on Graduate Education Programs, by Joseph P. Arnold, November, 1970.	--	ED 045 859 MF-\$1.50, HC-\$3.15
31	Proceedings of the National Research Conference on Consumer and Homemaking Education, by Anna M. Gorman, October, 1970.	\$2.75	ED 043 773 MF-\$1.75, HC-\$7.85
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1	Implications of Women's Work Patterns for Vocational and Technical Education: An Annotated Bibliography, by Sylvia L. Lee and others, October, 1967	\$1.50	ED 016 826 MF-\$1.25, HC-\$1.90
2	Worker Adjustment: Youth in Transition from School to Work: An Annotated Bibliography of Recent Literature, by A. P. Garbin and others, 1968	--	ED 021 070 MF-\$1.75, HC-\$7.25
3	Program, Planning, Budgeting Systems for Educators, Volume III: An Annotated Bibliography, by Joseph H. McGivney and William C. Nelson, December, 1969	--	ED 035 756 MF-\$1.25, HC-\$2.95
4	Program, Planning, Budgeting Systems for Educators, Volume IV: A Research Bibliography, by William C. Nelson, March, 1970	\$2.25	ED 038 512 MF-\$1.50, HC-\$5.95
5	The Change Process in Education: A Selected and Annotated Bibliography, by Gail J. Skelton and J. W. Hensel, 1970	--	ED 041 108 MF-\$1.50, HC-\$4.95
6	Bibliography of Research on Consumer and Homemaking Education, by Anna M. Gorman and Joel Magisos, June, 1970	--	ED 039 336 MF-\$1.50, HC-\$3.55
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM)+			
	Fall, 67	--	ED 013 336 MF-\$1.00, HC-\$10.55
	Winter, 67	--	ED 015 335 MF-\$1.75, HC-\$9.10
	Spring, 68	--	ED 016 875 MF-\$1.75, HC-\$9.10
	Summer, 68	--	ED 019 525 MF-\$1.25, HC-\$14.15
	Fall, 68	--	ED 022 970 MF-\$1.25, HC-\$14.10
	Winter, 68	--	ED 027 437 MF-\$1.00, HC-\$10.65
	Spring, 69	--	ED 030 000 MF-\$1.00, HC-\$10.40
	Summer, 69	--	ED 031 586 MF-\$1.00, HC-\$10.45
	Fall, 69	--	ED 033 247 MF-\$1.00, HC-\$10.40
	Winter, 69	--	ED 036 654 MF-\$1.00, HC-\$13.30
	Spring, 70	--	ED 039 367 MF-\$1.25, HC-\$16.20
	Summer, 70	--	ED 042 036 MF-\$1.00, HC-\$11.45
	Fall, 70	--	ED 045 857 MF-\$2.25, HC-\$28.25
	Winter, 70	--	VT 012 961 (See June '71 RIE for ED number and EDRS prices)
Abstracts of Instructional Materials in Vocational and Technical Education (AIM)+			
	Fall, 67	--	ED 013 337 MF-\$1.75, HC-\$9.35
	Winter, 67	--	ED 015 336 MF-\$1.75, HC-\$9.85

CONVERSION OF DOCUMENT NUMBER INDEX<sup>1</sup>VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS<sup>2</sup>

VT 001 106	ED 043 725	VT 008 150	ED 028 294	VT 008 736	ED 030 737
VT 002 431	ED 035 715	VT 008 171	ED 029 123	VT 008 738	ED 030 738
VT 002 717	MP 000 137	VT 008 173	ED 028 297	VT 008 750	ED 036 616
VT 003 298	ED 043 726	VT 008 177	ED 032 394	VT 008 753	ED 032 402
VT 003 396	ED 042 872	VT 008 182	ED 029 124	VT 008 769	ED 032 403
VT 004 667	ED 038 488	VT 008 183	ED 028 298	VT 008 770	ED 030 743
VT 006 275	ED 025 609	VT 008 185	ED 031 562	VT 008 776	ED 032 405
VT 006 277	ED 025 611	VT 008 198	ED 029 126	VT 008 777	ED 032 406
VT 006 285	ED 035 788	VT 008 222	ED 029 130	VT 008 787	ED 031 572
VT 006 952	MP 000 610	VT 008 273	ED 029 964	VT 008 798	ED 030 746
VT 007 108	MP 000 705	VT 008 280	ED 029 134	VT 008 804	ED 030 747
VT 007 147	ED 025 632	VT 008 303	ED 032 395	VT 008 815	ED 039 316
VT 007 154	ED 023 896	VT 008 429	ED 029 147	VT 008 830	ED 030 750
VT 007 211	ED 032 390	VT 008 433	ED 029 148	VT 008 831	ED 030 751
VT 007 242	ED 043 727	VT 008 438	ED 029 970	VT 008 832	ED 030 752
VT 007 315	ED 027 388	VT 008 444	ED 030 716	VT 008 833	ED 030 753
VT 007 344	ED 043 728	VT 008 451	ED 028 306	VT 008 844	ED 031 574
VT 007 476	ED 024 825	VT 008 458	ED 029 149	VT 008 850	ED 031 577
VT 007 547	ED 026 517	VT 008 466	ED 040 267	VT 008 854	ED 032 407
VT 007 555	ED 025 654	VT 008 511	ED 030 717	VT 008 860	ED 030 756
VT 007 560	ED 033 188	VT 008 512	ED 030 718	VT 008 863	ED 031 578
VT 007 582	ED 025 658	VT 008 513	ED 029 976	VT 008 868	ED 036 618
VT 007 637	ED 043 729	VT 008 538	ED 038 489	VT 008 874	ED 030 757
VT 007 662	ED 037 522	VT 008 539	ED 038 490	VT 008 889	ED 040 268
VT 007 663	ED 027 397	VT 008 544	ED 029 977	VT 008 899	ED 032 410
VT 007 676	ED 025 672	VT 008 547	ED 030 722	VT 008 900	ED 041 101
VT 007 677	ED 025 673	VT 008 554	ED 029 978	VT 008 902	ED 030 759
VT 007 747	ED 034 019	VT 008 576	ED 031 566	VT 008 906	ED 031 579
VT 007 776	ED 026 531	VT 008 579	ED 030 723	VT 008 921	ED 030 760
VT 007 790	ED 025 679	VT 008 580	ED 029 981	VT 008 926	ED 031 580
VT 007 797	ED 029 103	VT 008 592	ED 030 724	VT 008 929	ED 030 761
VT 007 805	ED 039 312	VT 008 593	ED 030 725	VT 008 930	ED 033 199
VT 007 815	ED 042 873	VT 008 596	ED 032 397	VT 008 947	ED 032 073
VT 007 831	ED 029 106	VT 008 600	ED 029 989	VT 008 951	ED 032 413
VT 007 881	ED 029 956	VT 008 601	ED 029 990	VT 008 952	ED 030 762
VT 007 883	ED 026 541	VT 008 607	ED 030 726	VT 008 953	ED 030 763
VT 007 887	ED 026 542	VT 008 609	ED 031 568	VT 008 968	ED 030 764
VT 007 920	ED 036 613	VT 008 631	ED 029 993	VT 008 970	ED 030 765
VT 007 931	ED 027 425	VT 008 632	ED 029 994	VT 008 971	ED 032 414
VT 007 971	ED 039 313	VT 008 635	ED 033 196	VT 008 974	ED 030 766
VT 007 988	ED 027 433	VT 008 647	ED 030 729	VT 008 976	ED 030 767
VT 008 008	ED 029 112	VT 008 693	ED 030 731	VT 008 980	ED 031 583
VT 008 022	ED 041 100	VT 008 707	ED 031 569	VT 008 982	ED 030 768
VT 008 051	ED 029 116	VT 008 718	ED 033 197	VT 008 996	ED 031 585
VT 008 082	ED 028 288	VT 008 719	ED 031 570	VT 009 016	ED 031 588
VT 008 091	ED 032 392	VT 008 727	ED 032 398	VT 009 017	ED 031 589
VT 008 127	ED 028 292	VT 008 728	ED 032 399	VT 009 019	ED 032 415
VT 008 129	ED 029 121	VT 008 729	ED 032 400	VT 009 057	ED 031 593
VT 008 138	ED 029 122	VT 008 730	ED 032 401	VT 009 075	ED 033 200
VT 008 146	ED 032 393	VT 008 735	ED 030 736	VT 009 082	ED 033 201

<sup>1</sup> This index is cumulated annually beginning with the Fall issue of ARM.

<sup>2</sup> Any document with an MP number is available from EDRS by using the appropriate MP number.

## CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 009 086	ED 031 595	VT 009 680	ED 034 048	VT 010 036	ED 036 626
VT 009 087	ED 031 596	VT 009 682	ED 034 049	VT 010 042	ED 037 536
VT 009 126	ED 033 202	VT 009 684	ED 034 050	VT 010 060	ED 036 627
VT 009 127	ED 033 203	VT 009 685	ED 034 051	VT 010 072	ED 042 877
VT 009 154	ED 032 419	VT 009 687	ED 034 052	VT 010 079	ED 038 497
VT 009 158	ED 031 600	VT 009 688	ED 034 053	VT 010 080	ED 037 537
VT 009 159	ED 033 204	VT 009 689	ED 034 054	VT 010 084	ED 035 740
VT 009 185	ED 031 601	VT 009 694	ED 034 057	VT 010 112	ED 037 538
VT 009 188	ED 031 602	VT 009 695	ED 034 058	VT 010 117	ED 036 628
VT 009 190	ED 032 420	VT 009 763	ED 040 269	VT 010 118	ED 037 539
VT 009 192	ED 031 603	VT 009 768	ED 040 270	VT 010 125	ED 038 498
VT 009 196	ED 033 209	VT 009 769	ED 034 063	VT 010 137	ED 035 745
VT 009 198	ED 032 421	VT 009 770	ED 034 064	VT 010 148	ED 034 899
VT 009 247	ED 033 213	VT 009 788	ED 034 066	VT 010 158	ED 041 104
VT 009 248	ED 032 424	VT 009 793	ED 034 069	VT 010 163	ED 037 540
VT 009 263	ED 032 426	VT 009 794	ED 034 070	VT 010 164	ED 035 756
VT 009 265	ED 032 427	VT 009 797	ED 034 853	VT 010 166	ED 034 901
VT 009 280	ED 031 604	VT 009 799	ED 038 491	VT 010 169	ED 034 902
VT 009 285	ED 033 215	VT 009 813	ED 034 856	VT 010 171	ED 037 541
VT 009 286	ED 033 216	VT 009 815	ED 034 073	VT 010 173	ED 037 542
VT 009 346	ED 032 429	VT 009 822	ED 034 859	VT 010 175	ED 037 543
VT 009 347	ED 032 430	VT 009 824	ED 041 102	VT 010 177	ED 041 105
VT 009 348	ED 032 431	VT 009 825	ED 037 524	VT 010 179	ED 042 878
VT 009 355	ED 033 218	VT 009 826	ED 034 860	VT 010 183	ED 037 544
VT 009 356	ED 033 219	VT 009 830	ED 034 861	VT 010 184	ED 037 545
VT 009 387	ED 033 220	VT 009 831	ED 041 103	VT 010 185	ED 037 546
VT 009 387	ED 033 220	VT 009 835	ED 034 862	VT 010 187	ED 035 758
VT 009 388	ED 033 221	VT 009 836	ED 039 320	VT 010 192	ED 038 499
VT 009 391	ED 033 222	VT 009 841	ED 035 723	VT 010 194	ED 037 547
VT 009 399	ED 039 317	VT 009 846	ED 034 866	VT 010 200	ED 041 106
VT 009 408	ED 039 318	VT 009 847	ED 034 867	VT 010 203	ED 037 548
VT 009 414	ED 033 223	VT 009 865	ED 038 492	VT 010 205	ED 035 761
VT 009 426	ED 033 224	VT 009 888	ED 041 999	VT 010 212	ED 037 549
VT 009 457	ED 037 523	VT 009 893	ED 038 493	VT 010 228	ED 037 550
VT 009 474	ED 033 225	VT 009 901	ED 034 869	VT 010 238	ED 035 764
VT 009 489	ED 033 230	VT 009 903	ED 038 494	VT 010 239	ED 035 765
VT 009 495	ED 033 233	VT 009 904	ED 038 495	VT 010 240	ED 037 551
VT 009 507	ED 034 842	VT 009 906	ED 037 525	VT 010 260	ED 038 500
VT 009 533	ED 034 027	VT 009 907	ED 037 526	VT 010 261	ED 036 631
VT 009 541	ED 034 028	VT 009 908	ED 036 622	VT 010 262	ED 039 322
VT 009 549	ED 034 030	VT 009 912	ED 034 873	VT 010 264	ED 042 879
VT 009 552	ED 034 031	VT 009 917	ED 035 727	VT 010 272	ED 037 552
VT 009 574	ED 033 239	VT 009 918	ED 035 728	VT 010 277	ED 038 501
VT 009 575	ED 033 240	VT 009 920	ED 035 729	VT 010 280	ED 035 769
VT 009 578	ED 035 716	VT 009 921	ED 035 730	VT 010 283	ED 036 633
VT 009 579	ED 034 034	VT 009 927	ED 034 875	VT 010 284	ED 036 634
VT 009 580	ED 034 035	VT 009 933	ED 035 731	VT 010 285	ED 037 553
VT 009 581	ED 033 241	VT 009 935	ED 034 879	VT 010 286	ED 035 771
VT 009 584	ED 033 242	VT 009 978	ED 035 624	VT 010 291	ED 038 502
VT 009 586	ED 033 243	VT 009 988	ED 037 534	VT 010 300	ED 036 636
VT 009 589	ED 033 244	VT 009 990	ED 034 886	VT 010 309	ED 042 880
VT 009 612	ED 033 245	VT 009 992	ED 034 887	VT 010 311	ED 035 773
VT 009 618	ED 033 246	VT 009 998	ED 039 321	VT 010 318	ED 042 001
VT 009 642	ED 042 876	VT 010 022	ED 035 735	VT 010 323	ED 042 881
VT 009 655	ED 039 319	VT 010 023	ED 035 736	VT 010 325	ED 037 558

## CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 010 332	ED 040 271	VT 010 731	ED 037 579	VT 011 032	ED 042 008
VT 010 338	ED 037 559	VT 010 732	ED 038 521	VT 011 041	ED 042 009
VT 010 349	ED 039 323	VT 010 733	ED 038 522	VT 011 075	ED 040 278
VT 010 375	ED 042 882	VT 010 735	ED 038 523	VT 011 079	ED 040 279
VT 010 377	ED 036 646	VT 010 741	ED 042 889	VT 011 081	ED 041 112
VT 010 383	ED 038 504	VT 010 750	ED 038 524	VT 011 085	ED 040 280
VT 010 395	ED 041 108	VT 010 752	ED 037 581	VT 011 088	ED 039 356
VT 010 398	ED 036 647	VT 010 758	ED 039 333	VT 011 091	ED 039 357
VT 010 400	ED 036 648	VT 010 760	ED 038 526	VT 011 094	ED 042 893
VT 010 402	ED 036 650	VT 010 761	ED 040 273	VT 011 095	ED 041 113
VT 010 428	ED 036 653	VT 010 768	ED 037 583	VT 011 098	ED 039 358
VT 010 437	ED 036 655	VT 010 800	ED 038 529	VT 011 099	ED 039 359
VT 010 460	ED 036 656	VT 010 802	ED 038 530	VT 011 102	ED 039 360
VT 010 473	ED 042 884	VT 010 803	ED 038 531	VT 011 106	ED 040 281
VT 010 475	ED 037 561	VT 010 806	ED 039 334	VT 011 110	ED 040 282
VT 010 495	ED 037 562	VT 010 858	ED 038 533	VT 011 112	ED 042 010
VT 010 496	ED 037 563	VT 010 859	ED 040 274	VT 011 132	ED 039 361
VT 010 497	ED 037 564	VT 010 860	ED 039 336	VT 011 133	ED 039 362
VT 010 504	ED 037 565	VT 010 861	ED 039 337	VT 011 135	ED 040 283
VT 010 525	ED 042 885	VT 010 869	ED 039 338	VT 011 136	ED 043 732
VT 010 541	ED 038 508	VT 010 871	ED 038 534	VT 011 137	ED 039 364
VT 010 556	ED 038 509	VT 010 872	ED 038 535	VT 011 156	ED 043 733
VT 010 560	ED 039 325	VT 010 873	ED 038 536	VT 011 157	ED 040 284
VT 010 561	ED 039 326	VT 010 875	ED 039 340	VT 011 170	ED 041 114
VT 010 562	ED 039 327	VT 010 876	ED 038 537	VT 011 171	ED 039 366
VT 010 563	ED 041 109	VT 010 877	ED 039 341	VT 011 178	ED 039 368
VT 010 585	ED 038 510	VT 010 881	ED 040 275	VT 011 180	ED 041 115
VT 010 586	ED 040 272	VT 010 882	ED 038 540	VT 011 181	ED 039 369
VT 010 587	ED 042 886	VT 010 883	ED 038 541	VT 011 182	ED 040 286
VT 010 588	ED 039 328	VT 010 893	ED 038 542	VT 011 183	ED 040 287
VT 010 595	ED 037 567	VT 010 902	ED 039 342	VT 011 184	ED 041 116
VT 010 597	ED 037 568	VT 010 916	ED 038 543	VT 011 185	ED 040 288
VT 010 598	ED 038 511	VT 010 917	ED 042 890	VT 011 187	ED 040 289
VT 010 602	ED 037 569	VT 010 918	ED 039 343	VT 011 190	ED 040 290
VT 010 603	ED 037 570	VT 010 937	ED 039 344	VT 011 192	ED 041 117
VT 010 604	ED 038 512	VT 010 940	ED 041 111	VT 011 193	ED 043 734
VT 010 606	ED 037 571	VT 010 942	ED 042 003	VT 011 194	ED 041 118
VT 010 624	ED 037 573	VT 010 950	ED 039 345	VT 011 209	ED 042 012
VT 010 625	ED 037 574	VT 010 973	ED 038 544	VT 011 222	ED 041 119
VT 010 650	ED 042 887	VT 010 976	ED 039 347	VT 011 228	ED 041 120
VT 010 651	ED 037 575	VT 010 979	ED 042 891	VT 011 229	ED 040 292
VT 010 657	ED 041 110	VT 010 980	ED 039 348	VT 011 235	ED 041 121
VT 010 659	ED 038 513	VT 010 981	ED 039 349	VT 011 240	ED 041 122
VT 010 663	ED 037 576	VT 010 985	ED 039 350	VT 011 241	ED 040 293
VT 010 673	ED 037 577	VT 010 994	ED 043 730	VT 011 245	ED 040 294
VT 010 674	ED 038 514	VT 011 002	ED 042 005	VT 011 247	ED 041 123
VT 010 678	ED 039 329	VT 011 004	ED 042 892	VT 011 260	ED 042 013
VT 010 679	ED 038 516	VT 011 005	ED 040 277	VT 011 265	ED 041 124
VT 010 680	ED 038 517	VT 011 007	ED 039 351	VT 011 269	ED 041 126
VT 010 681	ED 038 518	VT 011 008	ED 042 006	VT 011 276	ED 040 295
VT 010 704	ED 039 330	VT 011 013	ED 039 352	VT 011 277	ED 040 296
VT 010 708	ED 039 331	VT 011 020	ED 039 353	VT 011 278	ED 042 014
VT 010 712	ED 042 888	VT 011 021	ED 039 354	VT 011 288	ED 042 015
VT 010 721	ED 038 519	VT 011 023	ED 039 355	VT 011 289	ED 042 016
VT 010 722	ED 038 520	VT 011 028	ED 042 007	VT 011 297	ED 042 895



## CONVERSION OF DOCUMENT NUMBER INDEX

VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 011 300	ED 041 127	VT 011 462	ED 042 033	VT 011 707	ED 042 915
VT 011 302	ED 041 129	VT 011 463	ED 041 156	VT 011 708	ED 042 916
VT 011 303	ED 042 017	VT 011 469	ED 042 903	VT 011 724	ED 042 918
VT 011 304	ED 041 130	VT 011 473	ED 043 738	VT 011 725	ED 043 753
VT 011 305	ED 042 018	VT 011 474	ED 042 904	VT 011 727	ED 043 754
VT 011 306	ED 042 019	VT 011 475	ED 042 905	VT 011 728	ED 042 919
VT 011 307	ED 041 131	VT 011 476	ED 042 906	VT 011 729	ED 042 059
VT 011 308	ED 041 132	VT 011 481	ED 041 157	VT 011 733	ED 042 060
VT 011 309	ED 041 133	VT 011 482	ED 041 158	VT 011 734	ED 043 755
VT 011 324	ED 041 134	VT 011 483	ED 042 034	VT 011 736	ED 042 921
VT 011 327	ED 041 135	VT 011 484	ED 042 035	VT 011 745	ED 043 756
VT 011 328	ED 043 735	VT 011 509	ED 042 036	VT 011 749	ED 043 757
VT 011 331	ED 041 136	VT 011 514	ED 042 037	VT 011 757	ED 042 922
VT 011 333	ED 042 896	VT 011 515	ED 042 038	VT 011 759	ED 043 758
VT 011 335	ED 042 020	VT 011 516	ED 042 039	VT 011 760	ED 042 923
VT 011 338	ED 041 137	VT 011 525	ED 041 167	VT 011 766	ED 042 926
VT 011 346	ED 041 138	VT 011 534	ED 041 176	VT 011 771	ED 042 927
VT 011 347	ED 041 139	VT 011 535	ED 042 040	VT 011 773	ED 042 928
VT 011 348	ED 040 297	VT 011 536	ED 042 041	VT 011 780	ED 043 759
VT 011 349	ED 040 298	VT 011 537	ED 042 042	VT 011 792	ED 043 760
VT 011 350	ED 040 299	VT 011 539	ED 042 907	VT 011 800	ED 043 762
VT 011 356	ED 040 301	VT 011 540	ED 042 908	VT 011 817	ED 043 763
VT 011 361	ED 041 141	VT 011 542	ED 042 043	VT 011 826	ED 043 764
VT 011 362	ED 041 142	VT 011 558	ED 042 044	VT 011 830	ED 042 929
VT 011 369	ED 042 021	VT 011 559	ED 042 045	VT 011 831	ED 043 765
VT 011 370	ED 042 022	VT 011 560	ED 042 046	VT 011 836	ED 043 766
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VT 011 380	ED 041 143	VT 011 577	ED 042 048	VT 011 849	ED 043 768
VT 011 381	ED 040 302	VT 011 578	ED 042 049	VT 011 851	ED 043 769
VT 011 388	ED 042 024	VT 011 582	ED 042 050	VT 011 859	ED 043 770
VT 011 393	ED 042 025	VT 011 600	ED 042 053	VT 011 863	ED 043 771
VT 011 395	ED 041 144	VT 011 614	ED 042 054	VT 011 875	ED 043 772
VT 011 397	ED 042 026	VT 011 630	ED 042 055	VT 011 879	ED 043 773
VT 011 398	ED 041 145	VT 011 631	ED 043 739	VT 011 894	ED 043 774
VT 011 400	ED 042 897	VT 011 632	ED 042 909	VT 011 910	ED 043 775
VT 011 401	ED 042 898	VT 011 633	ED 042 056	VT 011 927	ED 043 776
VT 011 402	ED 042 027	VT 011 634	ED 043 740	VT 011 934	ED 043 777
VT 011 403	ED 042 899	VT 011 635	ED 042 057	VT 011 942	ED 043 779
VT 011 404	ED 042 900	VT 011 637	ED 042 058	VT 011 943	ED 043 780
VT 011 405	ED 042 028	VT 011 640	ED 042 910	VT 011 962	ED 043 782
VT 011 419	ED 042 030	VT 011 683	ED 043 741	VT 011 964	ED 043 784
VT 011 424	ED 042 031	VT 011 684	ED 043 742	VT 011 965	ED 043 785
VT 011 425	ED 041 146	VT 011 685	ED 043 743	VT 011 966	ED 043 786
VT 011 426	ED 041 147	VT 011 687	ED 043 745	VT 012 444	ED 045 857
VT 011 427	ED 041 148	VT 011 688	ED 043 746	VT 012 484	ED 045 860
VT 011 428	ED 041 149	VT 011 689	ED 043 747		
VT 011 429	ED 041 150	VT 011 690	ED 042 911		
VT 011 430	ED 041 151	VT 011 691	ED 043 748		
VT 011 433	ED 042 901	VT 011 693	ED 042 912		
VT 011 438	ED 042 032	VT 011 700	ED 043 749		
VT 011 439	ED 043 736	VT 011 701	ED 043 750		
VT 011 440	ED 041 154	VT 011 702	ED 042 913		
VT 011 444	ED 042 902	VT 011 703	ED 042 914		
VT 011 451	ED 043 737	VT 011 705	ED 043 751		
VT 011 454	ED 041 155	VT 011 706	ED 043 752		

## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

MP 000 137	VT 002 717	ED 030 722	VT 008 547	ED 032 393	VT 008 146
MP 000 610	VT 006 952	ED 030 723	VT 008 579	ED 032 394	VT 008 177
MP 000 705	VT 007 108	ED 030 724	VT 008 592	ED 032 395	VT 008 303
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ED 024 825	VT 007 476	ED 030 726	VT 008 607	ED 032 398	VT 008 727
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ED 025 672	VT 007 676	ED 030 743	VT 008 770	ED 032 405	VT 008 776
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ED 030 718	VT 008 512	ED 032 392	VT 008 091	ED 033 243	VT 009 586

## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 033 244	VT 009 589	ED 035 756	VT 010 164	ED 037 562	VT 010 495
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## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 038 536	VT 010 873	ED 040 267	VT 008 466	ED 041 124	VT 011 265
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ED 039 369	VT 011 181	ED 041 123	VT 011 247	ED 042 025	VT 011 393



## CONVERSION OF DOCUMENT NUMBER INDEX

ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

ED 042 026	VT 011 397	ED 042 899	VT 011 403	ED 043 755	VT 011 734
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ED 042 898	VT 011 401	ED 043 754	VT 011 727		

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3	Research and Development Priorities in Technical Education, A Report of a National Research Planning Conference in Technical Education, by Aaron J. Miller, May, 1967	--	ED 013 888	MF-\$ .25, HC-\$2.05
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16	A General Guide for Planning Facilities for Occupational Preparation Programs, by Richard F. Meckley, June, 1969	\$2.00	ED 030 771	MF-\$ .50, HC-\$4.45
17	A Guide for Planning Facilities for Home Economics Occupational Preparation Programs, by Richard F. Meckley and others, July, 1968	\$2.00	ED 022 924	MF-\$ .50, HC-\$4.40
18	A Guide for Planning Facilities for Occupational Preparation Programs in the Machine Trades, by Milton E. Larson, September, 1968	\$2.00	ED 023 926	MF-\$ .50, HC-\$3.80
19	A Guide for Planning Facilities for Occupational Preparation Programs in Data Processing, by William A. McIntosh, November, 1968	\$2.00	ED 023 927	MF-\$ .50, HC-\$3.45
20	A Guide for Planning Facilities for Occupational Preparation Programs in Business and Office Occupations, by William Selden, November, 1968	\$2.00	ED 027 401	MF-\$ .50, HC-\$4.65
21	A Guide for Planning Facilities for Occupational Preparation Programs in Laboratory Animal Science Technology, by Walter E. Collins and Wilbur M. Farnsworth, January, 1969	\$2.00	ED 027 434	MF-\$ .50, HC-\$6.30
22	A Guide for Planning Facilities for Occupational Preparation Programs in Metallurgy Technology, by Carl German, Jr., March, 1968	\$2.00	ED 027 420	MF-\$ .50, HC-\$5.65
23	A Guide for Planning Facilities for Occupational Preparation Programs in Automotive Service, by Jon P. Adams, April, 1969	\$2.00	ED 028 280	MF-\$ .50, HC-\$4.55
24	A Guide for Planning Facilities for Occupational Preparation Programs in Electrical Technology, by L. J. Sitterlee, April, 1969	\$2.00	ED 028 278	MF-\$ .50, HC-\$5.70

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## PUBLICATIONS (cont.)

Series No.	Publication Title (RD)	Availability	
		Center	EDRS
25	A Guide for Planning Facilities for Occupational Preparation Programs for Medical X-Ray Technicians, by James D. MacConnell and others, April, 1969	\$2.00	ED 028 283 MF-\$ .50, HC-\$3.15
26	A Guide for Planning Facilities for Occupational Preparation Programs for Medical Assistants, by James D. MacConnell and others, April, 1969	\$2.00	ED 029 117 MF-\$ .50, HC-\$3.45
27	A Guide for Planning Facilities for Occupational Preparation Programs for Medical Secretaries, by James D. MacConnell, April, 1969	\$2.00	ED 029 120 MF-\$ .50, HC-\$3.05
28	A Guide for Planning Facilities for Occupational Preparation Programs for Dental Laboratory Technicians, by James D. MacConnell and others, May, 1969	\$2.00	ED 029 127 MF-\$ .25, HC-\$2.75
29	A Guide for Planning Facilities for Occupational Preparation Programs for Dental Assistants, by James D. MacConnell and others, May, 1969	\$2.00	ED 029 965 MF-\$ .50, HC-\$3.45
30	A Guide for Planning Facilities for Occupational Preparation Programs for Dental Hygienists, by James D. MacConnell and others, May, 1969	\$2.00	ED 029 966 MF-\$ .50, HC-\$3.45
31	The Identification of Opinion Leaders Among Teachers of Vocational Agriculture, by James W. Hensel and Cecil H. Johnson, Jr., June, 1969	\$2.00	ED 030 764 MF-\$ .50, HC-\$4.00
32	Vocational Development of Disadvantaged Junior High School Students, by Robert E. Campbell and others, August, 1969	\$2.00	ED 032 427 MF-\$ .50, HC-\$4.65
33	Changing the Response of Vocational Students to Supervision: The Use of Motion Pictures and Group Discussion, by Ralph M. Stogdill and Walter R. Bailey, September, 1969	\$1.50	ED 032 430 MF-\$ .25, HC-\$2.30
34	A System for State Evaluation of Vocational Education, Interim Report, by Harold Starr August, 1969	\$2.00	ED 032 436 MF-\$ .25, HC-\$2.25
35	Supervision and Decision-Making Skills in Vocational Education: A Training Program Utilizing Simulation Techniques, by Dick C. Rice and Richard F. Meckley, January, 1970	\$3.00	ED 038 501 MF-\$ .50, HC-\$5.90
36	Simulation Training in Planning Vocational Education Programs and Facilities, by Richard F. Meckley and others, April, 1970	\$3.50	ED 039 335 MF-\$1.00, HC-\$10.25
37	Problems in the Transition from School to Work as Perceived by Youth Opportunity Center Counselors, by Donald F. Eggeman and others, December, 1969	\$2.50	ED 036 626 MF-\$ .50, HC-\$3.90
38	A Health Career Development Program for the Rural High School, by Harold R. Rowe, June, 1970	--	ED 042 013 MF-\$ .50, HC-\$6.10
39	A System for State Evaluation of Vocational Education, Final Report, by Harold Starr and others, May, 1970	\$3.50	ED 041 121 MF-\$ .75, HC-\$9.90
40	Assessment of Micro-Teaching and Video Recording in Vocational and Technical Teacher Education: Phase X--Remote Feedback Techniques for Inservice Education, by Walter A. Cameron and Calvin J. Cotrell, August, 1970	\$2.00	ED 042 901 MF-\$ .50, HC-\$4.40
41	The Relationship of Group Structural Properties and Communication Behavior Patterns to Opinion Leaders. Among Teachers, by Garry R. Rice, August, 1970	--	ED 042 908 MF-\$ .50, HC-\$4.35
43	Worker Adjustment Problems of Youth in Transition From High School to Work, by A.P. Garbin and others, December, 1970.	--	ED 045 850 MF-\$1.00, HC-\$10.85
44	Response of Vocational Students to Supervision, by Ralph M. Stogdill and others, December, 1970.	--	ED 045 845 MF-\$ .50, HC-\$3.15
45	The Systems Approach: An Emerging Behavioral Model for Vocational Guidance, A Summary Report, by Robert E. Campbell and others, January, 1971.	--	ED 047 127 MF-\$ .65, HC-\$3.29

## LEADERSHIP TRAINING SERIES (LT)

1	Program Development and Research, Report of a National Seminar on Agricultural Education, by Robert E. Taylor, August, 1965	--	ED 011 036 MF-\$ .75, HC-\$9.65
2	Guidance in Vocational Education--Guidelines for Research and Practice, by Robert E. Campbell, 1966	--	ED 011 922 MF-\$ .75, HC-\$9.60
3	Guidelines for State Supervisors of Office Occupations Education, by R. D. Balthaser and Bruce I. Blackstone, 1965	--	VT 001 266 (In ED 017 746, ARM microfiche set)
4	National Vocational-Technical Education Seminar on the Development and Coordination of Research by State Research Coordinating Units, by Virgil E. Christensen, February, 1966	--	ED 011 042 MF-\$ .50, HC-\$4.45

## PUBLICATIONS (cont.)

Series No.	Publication Title (LT)	Availability	
		Center	EDRS
5	Research Planning Conference for Business and Office Education, March, 1966	--	ED 013 304 MF-\$ .50, HC-\$6.15
6	Program Development for Occupational Education, A Report of a National Seminar for Leaders in Home Economics Education, by Sylvia L. Lee and Kathleen Howell, March, 1966	--	ED 011 040 MF-\$ .50, HC-\$6.20
7	Trade and Industrial Teacher Education, Report of a National Invitational Research Planning Conference, by Calvin J. Cotrell, May, 1966	\$2.00	ED 011 043 MF-\$ .75, HC-\$9.95
8	Evaluation and Program Planning in Agricultural Education, Report of a National Seminar, by James W. Hensel, 1966	--	ED 011 037 MF-\$ .75, HC-\$6.50
9	Health Occupations Education Centers, Report of a Seminar, by Grace L. Mangle, October, 1967	--	ED 016 823 MF-\$ .50, HC-\$3.65
10	Guidelines for Cooperative Education and Selected Materials from the National Seminar Held August 1-5, 1966, A Manual for the Further Development of Cooperative Education, by Harry Huffman, 1967	--	ED 011 044 MF-\$1.00, HC-\$12.35
11	Systems Under Development for Vocational Guidance, A Report of a Research Exchange Conference, by Robert E. Campbell and others, August, 1966	--	ED 011 039 MF-\$ .50, HC-\$3.60
12	Compilation of Technical Education Instructional Materials-- Supplement I, compiled by C. J. Cotrell and I. E. Valentine, April, 1967	--	ED 012 340 MF-\$ .75, HC-\$9.35
13	Compilation of Technical Education Instructional Materials-- Supplement II, compiled by C. J. Cotrell and I. E. Valentine, April, 1967	--	ED 011 933 MF-\$1.00, HC-\$10.95
14	Educational Media in Vocational and Technical Education, A Report of a National Seminar, by Calvin J. Cotrell and Edward F. Hauck, 1967	--	ED 017 730 MF-\$1.00, HC-\$12.85
15	Vocational-Technical Teacher Education--National Seminar Proceedings, by Neal E. Vivian and Kenneth E. Hoffman, 1967	\$3.25	ED 020 431 MF-\$1.25, HC-\$13.85
16	National Program Development Institutes in Technical Education, Summer, 1967: A Compilation of Selected Presentations and Instructional Materials, by A. J. Miller and I. E. Valentine, February, 1968	--	ED 021 069 MF-\$ .75, HC-\$9.55
17	Second Annual National Vocational-Technical Teacher Education Seminar, by James W. Hensel and Garry R. Rice, January, 1969	\$3.00	ED 027 424 MF-\$ .75, HC-\$8.60
18	Program, Planning, Budgeting Systems for Educators, Volume I: An Instructional Outline, by Joseph H. McGivney and William C. Nelson, August, 1969	--	ED 032 417 MF-\$1.25, HC-\$14.05
19	Program, Planning, Budgeting Systems for Educators, Volume II: A Case Problem, by Joseph H. McGivney and William C. Nelson, August, 1969	--	ED 032 418 MF-\$ .75, HC-\$8.35
20	National Conference on Research in Industrial Arts, by Alan R. Suess, April, 1969	--	ED 029 986 MF-\$ .50, HC-\$5.90
21	Manpower Information for Vocational Education Planning, A Conference Report, by Robert C. Young, November, 1969	\$3.50	ED 035 716 MF-\$ .75, HC-\$8.85
22	A Plan for Research in Distributive Education, Report of a Research Planning Seminar, by Neal E. Vivian, November, 1969	\$2.50	ED 035 720 MF-\$ .50, HC-\$3.90
23	Second National Leadership Development Seminar for State Directors of Vocational Education, by Darrell L. Ward and Aaron J. Miller, November, 1969	\$3.50	ED 035 724 MF-\$ .75, HC-\$6.85
24	Third Annual National Vocational-Technical Teacher Education Seminar Proceedings: Teaching Disadvantaged Youth, by Edward T. Ferguson and Garry R. Rice, January, 1970	\$2.50	ED 037 540 MF-\$ .75, HC-\$6.50
25	Third Annual National Vocational-Technical Teacher Education Seminar Proceedings: Micro-Teaching and Video Recording, by Calvin J. Cotrell and Garry R. Rice, January, 1970	\$2.50	ED 037 550 MF-\$ .75, HC-\$7.25
26	The National Conference on Post-Secondary Vocational-Technical Education, by Aaron J. Miller and Carroll R. Hyder, December, 1969	--	ED 037 552 MF-\$1.00, HC-\$10.20
27	Occupations and Education: Leaders in the Field Speak Out, Occupational Education Program Development Institutes for Post-Secondary Institutions, 1969	--	ED 041 127 MF-\$ .25, HC-\$1.25
28	Report of a National Vocational Education Seminar on the Administration of Research, by Robert E. Taylor and others, May, 1965	--	ED 011 546 MF-\$ .50, HC-\$5.45



## PUBLICATIONS (cont.)

Series No.	Publication Title (LT)	Center	Availability	
			EDRS	
29	A Suggested Guide for Post-Secondary Vocational and Technical Education, by Aaron J. Miller and Angelo C. Gillie, September, 1970.	--	ED 047 083	MF-\$ .65, HC-\$3.29
30	A Seminar on Graduate Education Programs, by Joseph P. Arnold, November, 1970.	--	ED 045 859	MF-\$ .50, HC-\$3.15
31	Proceedings of the National Research Conference on Consumer and Homemaking Education, by Anna M. Gorman, October, 1970.	\$2.75	ED 043 773	MF-\$ .75, HC-\$7.85
BIBLIOGRAPHY SERIES (BB)				
1	Implications of Women's Work Patterns for Vocational and Technical Education: An Annotated Bibliography, by Sylvia L. Lee and others, October, 1967	\$1.50	ED 016 826	MF-\$ .25, HC-\$1.90
2	Worker Adjustment: Youth in Transition from School to Work: An Annotated Bibliography of Recent Literature, by A. P. Garbin and others, 1968	--	ED 021 070	MF-\$ .75, HC-\$7.25
3	Program, Planning, Budgeting Systems for Educators, Volume III: An Annotated Bibliography, by Joseph H. McGivney and William C. Nelson, December, 1969	--	ED 035 756	MF-\$ .25, HC-\$2.95
4	Program, Planning, Budgeting Systems for Educators, Volume IV: A Research Bibliography, by William C. Nelson, March, 1970	\$2.25	ED 038 512	MF-\$ .50, HC-\$5.95
5	The Change Process in Education: A Selected and Annotated Bibliography, by Gail J. Skelton and J. W. Hensel, 1970	--	ED 041 108	MF-\$ .50, HC-\$4.95
6	Bibliography of Research on Consumer and Homemaking Education, by Anna M. Gorman and Joel Magisos, June, 1970	--	ED 039 336	MF-\$ .50, HC-\$3.55
	Abstracts of Research and Related Materials in Vocational and Technical Education (ARM)+			
	Fall, 67	--	ED 013 336	MF-\$1.00, HC-\$10.55
	Winter, 67	--	ED 015 335	MF-\$ .75, HC-\$5.10
	Spring, 68	--	ED 016 875	MF-\$ .75, HC-\$5.10
	Summer, 68	--	ED 019 525	MF-\$1.25, HC-\$14.15
	Fall, 68	--	ED 022 970	MF-\$1.25, HC-\$14.10
	Winter, 68	--	ED 027 437	MF-\$1.00, HC-\$10.65
	Spring, 69	--	ED 030 000	MF-\$1.00, HC-\$10.40
	Summer, 69	--	ED 031 586	MF-\$1.00, HC-\$10.45
	Fall, 69	--	ED 033 247	MF-\$1.00, HC-\$10.40
	Winter, 69	--	ED 036 654	MF-\$1.00, HC-\$13.2
	Spring, 70	--	ED 039 367	MF-\$1.25, HC-\$16.20
	Summer, 70	--	ED 042 036	MF-\$1.00, HC-\$11.45
	Fall, 70	--	ED 045 857	MF-\$2.25, HC-\$28.25
	Winter, 70	--	VT 012 961 (See June '71 RIE for ED number and EDRS prices)	
	Abstracts of Instructional Materials in Vocational and Technical Education (AIM)+			
	Fall, 67	--	ED 013 337	MF-\$ .75, HC-\$9.35
	Winter, 67	--	ED 015 336	MF-\$ .75, HC-\$9.85

## PUBLICATIONS (cont.)

Series No.	Publication Title (BB)	Center	Availability	
			EDRS	
	Spring, 68	--	ED 017 745	MF-\$ .75, HC-\$9.95
	Summer, 68	--	ED 020 441	MF-\$ .75, HC-\$8.85
	Fall, 68	--	ED 023 936	MF-\$ .75, HC-\$9.35
	Winter, 68	--	ED 028 302	MF-\$ .75, HC-\$8.45
	Spring, 69	--	ED 030 769	MF-\$ .75, HC-\$8.70
	Summer, 69	--	ED 032 433	MF-\$ .75, HC-\$8.30
	Fall, 69	--	ED 034 075	MF-\$ .75, HC-\$8.90
	Winter, 69	--	ED 037 584	MF-\$ .75, HC-\$8.50
	Spring, 70	--	ED 041 159	MF-\$ .75, HC-\$8.40
	Summer, 70	--	ED 042 930	MF-\$ .75, HC-\$8.60
	Fall, 70	--	ED 045 853	MF-\$ .75, HC-\$8.85
	Winter, 70	--	VT 012 945 (See June '71 RIE for ED number and EDRS prices)	
AIM-ARM Annual Index+				
	1967-68	--	ED 022 064	MF-\$ .50, HC-\$6.30
	1968-69	--	ED 036 652	MF-\$ .50, HC-\$5.80
	1969-70	--	ED 042 929	MF-\$ .75, HC-\$6.80

## INFORMATION SERIES (IN)

1	Review and Synthesis of Research in Agricultural Education, by J. Robert Warmbrod and Lloyd J. Phipps, August, 1966	\$1.50	ED 011 562	MF-\$ .75, HC-\$7.85
2	Review and Synthesis of Research in Business and Office Education, by Frank W. Lanham and J. M. Trytten, August, 1966	--	ED 011 566	MF-\$ .75, HC-\$7.30
3	Review and Synthesis of Research in Distributive Education, by Warren G. Meyer and William B. Logan, August, 1966	--	ED 011 565	MF-\$1.00, HC-\$11.65
4	Review and Synthesis of Research in Home Economics Education, by Hester Chadderdon and Alyce M. Fanslow, August, 1966	--	ED 011 563	MF-\$ .50, HC-\$6.00
5	Review and Synthesis of Research in Industrial Arts Education, by Jerry Streichler, August, 1966	--	ED 011 564	MF-\$ .50, HC-\$5.20
6	Review and Synthesis of Research in Technical Education, by Milton E. Larson, August, 1966	\$1.50	ED 011 559	MF-\$ .50, HC-\$4.30
7	Review and Synthesis of Research in Trade and Industrial Education, by Bruce W. Tuckman and Carl J. Schaefer, August, 1966	--	ED 011 560	MF-\$ .50, HC-\$4.65
8	Review and Synthesis of Research on the Economics of Vocational Education, by J. Robert Warmbrod, November, 1968	\$1.50	ED 023 937	MF-\$ .50, HC-\$3.20
9	Review and Synthesis of Research in Health Occupations Education, by Lewis D. Holloway and Elizabeth E. Kerr, May, 1969	\$2.75	ED 029 982	MF-\$ .50, HC-\$4.95
10	Review and Synthesis of Research in Industrial Arts Education, Second Edition, by Daniel L. Householder and Alan R. Suess, October, 1969	\$2.25	ED 034 898	MF-\$ .50, HC-\$3.55

+ Single copies are available only in microfiche and hard copy reproduction form from EDRS, ordering by ED numbers and prices shown. ARM and AIM are normally obtained by subscription. Subscriptions may be initiated with any issue, Fall, 68, or later.

## PUBLICATIONS (cont.)

Series No.	Publication Title (In)	Availability	
		Center	EDRS
11	Review and Synthesis of Research in Trade and Industrial Education, Second Edition, by Albert J. Pautler and Carl J. Schaefer, September, 1969	\$2.25	ED 036 638 MF-.25, HC-\$2.90
12	Review and Synthesis of Research: Analysis for Curriculum Development in Vocational Education, by Milton E. Larson, October, 1969	\$1.75	ED 035 746 MF-.50, HC-\$4.20
13	Review and Synthesis of Research in Technical Education, Second Edition, by Donald S. Phillips and Lloyd D. Briggs, October 1969	\$2.25	ED 036 639 MF-.25, HC-\$2.60
14	Review and Synthesis of Research on the Administration of Vocational and Technical Education, by Ralph C. Wenrich, March, 1970	\$2.25	ED 037 542 MF-.50, HC-\$4.00
15	Review and Synthesis of Research on the Placement and Follow-Up of Vocational Education Students, by J. Kenneth Little, February, 1970	\$1.75	ED 037 543 MF-.25, HC-\$2.80
16	Review and Synthesis of Research on Vocational Education in Rural Areas, by B. Eugene Griessman and Kenneth G. Densley, December, 1969	\$1.75	ED 034 632 MF-.25, HC-\$2.55
17	Review and Synthesis of Research on Distributive Education, 1966-1968, Second Edition, by Richard D. Ashmun and Roger A. Larson, January, 1970	\$2.25	ED 038 498 MF-.50, HC-\$4.55
18	Review and Synthesis of Research in Business and Office Education, Second Edition, by Ray G. Price and Charles R. Hopkins, April, 1970	\$2.25	ED 038 520 MF-.50, HC-\$6.10
19	Review and Synthesis of Research on Home Economics Education, Second Edition, by Helen Y. Nelson, April, 1970	\$1.75	ED 038 519 MF-.50, HC-\$3.45
20	Review and Synthesis of Research in Agricultural Education, Second Edition, by Earl T. Carpenter and John H. Rodgers, May, 1970	\$2.25	ED 040 275 MF-.50, HC-\$4.60
21	Review and Synthesis of Research on Cooperative Vocational Education, by Harold R. Wallace, May, 1970	\$2.25	ED 040 274 MF-.50, HC-\$6.30
22	Review and Synthesis of Research and Developmental Activities Concerning State Advisory Councils on Vocational Education, by Joseph Ray Clary, September, 1970	\$1.75	ED 043 744 MF-.25, HC-\$2.85
23	Interpretation of Literature on Career Ladders and Lattices in Health Occupations Education, by Jean Kintgen, September, 1970	\$1.75	ED 042 919 MF-.25, HC-\$1.55
24	Review and Analysis of Curricula for Occupations in Construction, by Wiley B. Lewis, October, 1970	\$1.50	ED 044 496 MF-.25, HC-\$1.80
25	Review and Analysis of Curricula for Occupations in Metalworking, by Thomas R. Snyder and Roy L. Butler, October, 1970	\$1.50	ED 044 495 MF-.25, HC-\$1.65
26	Working with Opinion Leaders to Accelerate Change in Vocational-Technical Education, by Garry R. Bice, November, 1970	\$1.50	ED 044 502 MF-.25, HC-\$1.45
27	Review and Analysis of Curricula for Occupations in Health, by Wiley B. Lewis, November, 1970	\$1.50	ED 044 507 MF-.25, HC-\$2.00
28	Review and Analysis of Curricula for Occupations in Transportation, by Wiley B. Lewis, December, 1970	\$1.50	ED 045 814 MF-.25, HC-\$2.00
29	Review and Analysis of Curricula for Occupations in Public Services, by Wiley B. Lewis, November, 1970	\$1.50	ED 045 813 MF-.25, HC-\$2.05
30	Review and Analysis of Curricula for Occupations in Environmental Control, by Wiley B. Lewis, December, 1970	\$1.50	ED 045 817 MF-.25, HC-\$1.90
31	Review and Synthesis of Literature on Residential Schools in Vocational and Technical Education, by Catharine P. Warmbrod, December, 1970	\$1.50	ED 045 821 MF-.25, HC-\$2.15
32	Review and Analysis of Curricula for Occupations in Food Processing and Distribution, by Wiley B. Lewis, December, 1970	\$1.50	ED 045 820 MF-.25, HC-\$2.05

## PUBLICATIONS (cont.)

Series No.	Publication Title (CR)	Center	Availability EDRS
CENTER RELATED SERIES (CR)			
1	Agricultural Chemicals Technology (Course outline and eight modules), by Jerry Halterman and others, 1965	\$6.75	ED 013 894-- 013 902++
2	Agricultural Machinery--Service Occupations (Course outline and sixteen modules), by Alan Kahler and others, 1965	--	ED 012 761-- 012 777++
3	Agricultural Supply--Sales and Service Occupations (Course outline and twelve modules), by J. H. Lintner and others, 1965	\$7.00	ED 015 232-- 015 241++
4	Horticulture--Service Occupations (Course outline and twelve modules), by James Utzinger and others, 1965	--	ED 013 290-- 013 302++
5	Occupational Guidance for Off-Farm Agriculture, by Glenn Z. Stevens, December, 1965	\$0.60	ED 011 030 MF-\$ .25, HC-\$2.90
6	Organizing to Provide Agricultural Education for Off-Farm Occupations, by Herbert M. Hamlin, August, 1965	--	ED 011 032 MF-\$ .25, HC-\$1.20
7	Planning and Conducting Cooperative Occupational Experience in Off-Farm Agriculture, by Harold Anderson, August, 1965	--	ED 011 035 MF-\$ .75, HC-\$7.50
8	Policy and Administrative Decisions Needed When Introducing Vocational and Technical Education in Agriculture for Off-Farm Occupations, by Herbert M. Hamlin, August, 1965	\$0.75	ED 011 033 MF-\$ .25, HC-\$2.10
9	Summary of Research Findings in Off-Farm Agricultural Occupations, August, 1965	--	ED 015 245 MF-\$ .50, HC-\$4.70
10	Vocational and Technical Education in Agriculture for Off-Farm Occupations, by Herbert M. Hamlin, August, 1965	\$0.75	ED 011 034 MF-\$ .50, HC-\$3.00
11	Involvement: Inservice Business Teacher Programs Leading to a Better Understanding of Students with Special Needs, by Estelle L. Popham, John Kusher, and Jean Larson, Summer, 1968	--	ED 028 255 MF-\$ .75, HC-\$7.35
12	Changing Undergraduate Business Teacher Education Programs to Prepare Teachers for Culturally Different Youth, by Robert A. Schultheis and Alvin Vaughn, June, 1968	--	ED 024 837 MF-\$ .75, HC-\$7.40
13	Cross-Cultural Values in Office Education with Emphasis on In-Service Teacher Education, by William L. Winnett, September, 1968	--	ED 029 089 MF-\$ .50, HC-\$3.55
14	Business Education for the Emergent Office, Harry Huffman and Dale D. Gust, June, 1970.	--	ED 043 754 MF-\$ .75, HC-\$9.70

++ Each course outline and module has a separate ED number and EDRS price. Additional information may be obtained from The Center, Dissemination Specialist.



















