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DESCRIPTORS \*Abstracts; \*Annotated Bibliographies; Career Education; Curriculum Guides; Instructional Materials; Resource Guides; \*Technical Education; \*Vocational Education

ABSTRACT

This compilation, presenting 200 resumes relevant to the field of vocational-technical (VT) education, provides educators access to in-use or under-development instructional and research materials. The resumes are arranged in ascending order according to an accession (VT) number, with each resume including the: Author(s), title, institutional source, sponsoring agency, availability, publication date, number of pages, subject terms which characterize the contents of the document, and a document abstract. Curriculum development and research projects in progress are fully described in a separate section. Author, subject, and VT-ED (ERIC Document) number cross reference indexes are provided. Instructions are given for ordering the original full text of documents or full text reproductions. (SH)

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ED130075

ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS  
IN VOCATIONAL AND TECHNICAL EDUCATION

VOLUME 9, NUMBER 4

VT 103 001 - 103 200

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EDUCATION & WELFARE  
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THE CENTER FOR VOCATIONAL EDUCATION  
THE OHIO STATE UNIVERSITY  
1960 KENNY ROAD, COLUMBUS, OHIO 43210

1976

## PREFACE

Finding and using relevant information frequently is a major task for researchers, curriculum specialists, teachers, administrators, and students. The Center for Vocational Education is dedicated to making useful and vital information accessible so that educators may use it to improve school practice.

The Center assembles information relevant to the field of vocational-technical education. Through abstracts designed to present useful information about materials, the Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) publication provides educators quick access to in-use or under-development instructional and research materials. The full text of these materials is available on microfiche or from the original source.

We are indebted to our colleagues within the profession for providing instructional and research materials as they become available. We especially appreciate the contributions of state research coordinating units, curriculum coordination centers, instructional materials laboratories, local school systems, and professional associations such as the Vocational Instructional Materials (VIM) section of the American Vocational Association. Members of the profession are encouraged to send instructional and research materials for possible inclusion in future issues of AIM/ARM.

We hope that this publication will prove valuable to you in your particular educational endeavors.

Robert E. Taylor  
Director  
The Center for Vocational  
Education

## MISSION OF THE CENTER

The Center for Vocational Education's mission is to increase the ability of diverse agencies, institutions, and organizations to solve educational problems relating to individual career planning and preparation. The Center fulfills its mission by

- Generating knowledge through research
- Developing educational programs and products
- Evaluating individual program needs and outcomes
- Installing educational programs and products
- Operating information systems and services
- Conducting leadership development and training programs

ISSN 0095 - 3784

*This publication was prepared pursuant to a contract with the Bureau of Occupational and Adult Education, Office of Education, U.S. Department of Health, Education, and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgement in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official U.S. Office of Education position or policy.*

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SAMPLE ABSTRACT

Accession number sequentially assigned to documents as they are processed.

Author(s). VT 100 000

Microfiche (MF) and/or hard copy (HC) of the full text of the document will be available. The issue in which ordering numbers will be given is indicated. Documents not available in MF or HC are available from alternate sources cited.

RICHARDS, F.L.

OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE.

Title.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.  
DEPT. OF AGRICULTURAL EDUCATION.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
DIV. OF ADULT, AND VOCATIONAL RESEARCH.

Organization where document originated.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.

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OEC-0-85-12345 (7291)  
TEACHER-EDUC-SER-V12-N1

Report number and/or bureau number.

DEPARTMENT OF AGRICULTURAL EDUCATION, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PENNSYLVANIA 16802 (\$1.00).

Contract (OEC) or grant (OEG) number.

Date published and number of pages.

PUB DATE - 71 56P.

Alternate source for obtaining documents.

Descriptors--subject terms characterizing substantive contents. Major terms preceded by asterisk.

DESCRIPTORS - \*AGRICULTURAL EDUCATION;  
\*CURRICULUM GUIDES; \*ORNAMENTAL HORTICULTURE;  
HIGH SCHOOLS; \*POST SECONDARY EDUCATION;  
LANDSCAPING; NURSERIES (HORTICULTURE); TURF  
MANAGEMENT; \*TECHNICAL EDUCATION  
IDENTIFIERS - \*PENNSYLVANIA

Identifiers--terms not found in the Thesaurus of ERIC Descriptors.

ABSTRACT - INTENDED TO SUGGEST SUBJECT MATTER CONTENT OF COURSES OR PROGRAMS IN ORNAMENTAL HORTICULTURE FOR HIGH SCHOOL AND POSTSECONDARY VOCATIONAL-TECHNICAL PROGRAMS, THIS CURRICULUM GUIDE WAS PREPARED BY STAFF MEMBERS OF THE AGRICULTURAL EDUCATION DEPARTMENT AT THE PENNSYLVANIA STATE UNIVERSITY, AND TESTED IN A WORKSHOP WITH VOCATIONAL AGRICULTURE TEACHERS. CONTENTS ARE: (1) OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE, (2) ORNAMENTAL HORTICULTURE PROGRAMS FOR GRADES 10,11, AND 12, (3) NURSERY PRODUCTION . . . THE CONTENT IS PRESENTED IN OUTLINE FORM UNDER EACH TOPIC, AND IS APPLICABLE TO THE UNITED STATES AND LOWER CANADA. (GB)

Informative condensation of document content.

Abstractor's initials

## HOW TO USE AIM/ARM

This volume of Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) has four major sections: Abstracts (Instructional and Research Materials), Subject Index, Author Index, and Projects in Progress.

• Abstracts (Instructional and Research Materials) present information about documents' authors, titles, availability, and content to help you decide if you want to read the full text of a document. A sample abstract on the opposite page identifies the various pieces of information presented in an abstract.

• Subject Index helps you locate, by subject descriptors conforming to those listed in the Thesaurus of ERIC Descriptors, abstracts of documents relevant to your information needs.

• Author Index helps you locate, by author/institution names, abstracts of documents relevant to your information needs.

• Projects in Progress announces in-progress research and curriculum development projects funded by the Vocational Education Amendments of 1968 (Public Law 90-576), Parts C, D, and I. These are indexed by state. The Curriculum subsection of Projects in Progress also includes a directory of curriculum coordination centers and the Research subsection provides a directory of state research coordinating units. Projects in Progress helps you keep aware of ongoing activities in vocational and technical education curriculum development and research.

Copies of full texts of most of the documents announced in AIM/ARM are available in microfiche and/or hard copy forms. Those documents not listed as being available - "DOCUMENT NOT AVAILABLE IN MF OR HC" - may be obtained from the listed alternate source.

To locate documents of interest to you:

- Scan the Abstracts, or
- Search the Subject Index for descriptors (subject terms) describing your interest, or
- Search the Author Index for personal and institutional (corporate) authors' names who might publish documents about your interest.

To learn about in-progress curriculum and research projects:

- Scan the abstracts, or
- Scan the title by state indexes.

## HOW TO SUBMIT MATERIALS TO AIM/ARM

If you have materials (curriculum documents, research reports, curriculum guides, etc.) which you would like to have considered for announcement in AIM/ARM, please send three (3) clear, legible copies to:

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The Center for Vocational Education  
1960 Kenny Road  
Columbus, Ohio 43210

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ABSTRACTS

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INSTRUCTIONAL MATERIALS

VT 103 000 - 103 074

PAGE

785-821

RESEARCH MATERIALS

VT 103 075 - 103 200

882-889

**VT 103 001**  
 WEINRACH, STEPHEN G., ED.  
 HOW CAREER CHOICES ARE MADE.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 MSS INFORMATION CORPORATION, 655  
 MADISON AVENUE, NEW YORK, NEW YORK  
 10021. (\$10.00 EA. PAPER BACK;  
 \$16.00 EA. CLOTH BACK)  
 PUB DATE - SEP75 390P.

DESCRIPTORS - \*CAREER CHOICE;  
 \*VOCATIONAL DEVELOPMENT;  
 \*OCCUPATIONAL INFORMATION;  
 TEXTBOOKS; \*VOCATIONAL COUNSELING;  
 CAREER PLANNING; OCCUPATIONAL  
 GUIDANCE; CAREER CHANGE

ABSTRACT - THIS BOOK OF READINGS IS  
 A COMPENDIUM OF ARTICLES THAT SPAN  
 25 YEARS OF RESEARCH IN THE AREA OF  
 OCCUPATIONAL CHOICE AND CAREER  
 DEVELOPMENT. ALTHOUGH PREPARED AS A  
 TEXTBOOK FOR A GRADUATE COURSE, IT  
 IS ALSO INTENDED TO PROVIDE THE LAY  
 READER WITH A WIDER APPRECIATION OF  
 THE VARIOUS FACTORS WHICH INFLUENCE  
 OCCUPATIONAL CHOICE AND CAREER  
 DEVELOPMENT. WRITTEN BY AUTHORS  
 FROM VARIOUS DISCIPLINES, THE  
 ARTICLES COMPRISING THE COLLECTION  
 ARE DIVIDED INTO FOUR SECTIONS. THE  
 FIRST SECTION IS CONCERNED WITH THE  
 ROLE OF COUNSELING AND THE  
 COUNSELOR IN SOCIETY. THEORIES OF  
 CAREER DEVELOPMENT--THEIR CONCEPTS  
 AND APPLICATIONS--PROVIDE THE FOCUS  
 OF SECTION TWO. THE CONCERN OF THE  
 THIRD SECTION IS COUNSELING GROUPS  
 THAT REQUIRE DIFFERENTIAL  
 TREATMENT, SUCH AS WOMEN, THE  
 DISADVANTAGED, AND COLLEGE-BOUND  
 STUDENTS. OCCUPATIONAL INFORMATION  
 IS THE MAIN FOCUS OF THE FINAL  
 SECTION OF THE COLLECTION. IN  
 ADDITION, AN OUTLINE FOR A POSSIBLE  
 COURSE IN CAREER DEVELOPMENT THEORY  
 AND OCCUPATIONAL INFORMATION IS  
 APPENDED, INCLUDING OBJECTIVES,  
 SUGGESTED STUDENT ACTIVITIES,  
 DISCUSSION QUESTIONS, AND A  
 BIBLIOGRAPHY OF SOURCES OF  
 OCCUPATIONAL INFORMATION. (NJ)

**VT 103 002**  
 FOLLOW-UP SURVEY OF VOCATIONAL  
 EDUCATION GRADUATES UNIVERSITY OF

HAWAII COMMUNITY COLLEGES FY 1973-  
 74.

HAWAII STATE OFFICE OF THE DIRECTOR  
 FOR VOCATIONAL EDUCATION, HONOLULU.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - SEP75 171P.

DESCRIPTORS - \*FOLLOWUP STUDIES;  
 \*COMMUNITY COLLEGES; \*GRADUATE  
 SURVEYS; \*TABLES (DATA); POST  
 SECONDARY EDUCATION; VOCATIONAL  
 FOLLOWUP  
 IDENTIFIERS - HAWAII

ABSTRACT - THE DOCUMENT CONTAINS  
 RESULTS OF AN ANNUAL SURVEY OF  
 GRADUATES OF SIX COMMUNITY COLLEGES  
 OF THE UNIVERSITY OF HAWAII.  
 GRADUATES WERE THOSE WHO RECEIVED  
 CERTIFICATES OF COMPLETION,  
 CERTIFICATES OF ACHIEVEMENT, OR  
 ASSOCIATE DEGREES IN SCIENCE.  
 SURVEY FINDINGS ARE PRESENTED IN  
 SEVEN COLOR-CODED SECTIONS  
 REPRESENTING THE TOTAL POPULATION  
 AND THE FOLLOWING COMMUNIT,  
 COLLEGES: HAWAII, HONOLULU,  
 KAPIOLANI, KAUAI, LEEWARD, AND  
 MAUI. EACH SECTION CONTAINS A  
 SUMMARY ANALYSIS OF FINDINGS AND  
 TABLES AND CHARTS OF THE DATA  
 OBTAINED. OF THE TOTAL NUMBER OF  
 GRADUATES, 1358, 78 PERCENT  
 RESPONDED TO THE QUESTIONNAIRE  
 SURVEY. OF THESE, 84 PERCENT WERE  
 EMPLOYED, AND 75 PERCENT HAD  
 OBTAINED JOBS DIRECTLY IN OR  
 RELATED TO THEIR VOCATIONAL MAJORS.  
 NINE PERCENT HAD RETURNED TO  
 SCHOOL, AND FIVE PERCENT WERE  
 UNEMPLOYED. SURVEY RESULTS ARE  
 SHOWN FOR GRADUATES OF EACH OF THE  
 MAJOR VOCATIONAL PROGRAMS. APPENDED  
 IS A DESCRIPTION OF THE SURVEY  
 METHODOLOGY AND SAMPLE OF THE  
 SURVEY INSTRUMENT. (RG)

**VT 103 003**  
 DEVELOPING AND TESTING SIMULATED  
 OCCUPATIONAL EXPERIENCES FOR  
 DISTRIBUTIVE EDUCATION STUDENTS IN  
 RURAL COMMUNITIES. FINAL REPORT.  
 VOLUME II - CURRICULUM MATERIALS.

VIRGINIA POLYTECHNIC INST. AND  
 STATE UNIV., BLACKSBURG.

OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-74-1738  
PUB DATE - 28FEB76 294P.;  
RELATED DOCUMENTS VT 103 115 AND VT  
103 004 IN THIS ISSUE.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*RURAL SCHOOLS;  
\*SIMULATION; \*PERFORMANCE BASED  
EDUCATION; SENIOR HIGH SCHOOLS;  
GRADE 11; GRADE 12; \*CURRICULUM  
GUIDES; LEARNING ACTIVITIES;  
INSTRUCTIONAL MATERIALS;  
INDIVIDUALIZED INSTRUCTION

ABSTRACT - THE CURRICULUM MATERIALS  
PRESENTED IN THIS VOLUME ARE IN THE  
FORM OF COMPETENCY AREA PACKETS  
DEVELOPED FOR A SIMULATION PLAN  
DESIGNED TO PRODUCE LEARNING  
OUTCOMES COMPARABLE TO THE LEARNING  
OUTCOMES EXPECTED FOR DISTRIBUTIVE  
EDUCATION STUDENTS IN A COOPERATIVE  
PLAN. FOLLOWING AN INTRODUCTION  
EXPLAINING USE OF THE MATERIALS,  
LEARNING PACKETS ARE PRESENTED FOR  
SEVEN AREAS: ADVERTISING,  
COMMUNICATIONS, DISPLAY, HUMAN  
RELATIONS, MATHEMATICS,  
MERCHANDISING, AND SELLING. EACH  
LEARNING PACKET INCLUDES A TEACHER-  
COORDINATOR'S GUIDE CONTAINING A  
BRIEF DESCRIPTION OF THE AREA,  
TOPICAL OUTLINE, AND LIST OF  
INSTRUCTIONAL MATERIALS CITED.  
COMPETENCIES CONSIDERED NECESSARY  
FOR THE ENTRY-LEVEL JOB OF  
DEPARTMENT STORE SALESPERSON ARE  
ASSIGNED TO CLASSROOM AND  
SIMULATION ACTIVITIES FOR FIRST  
YEAR STUDENTS; COMPETENCIES FOR THE  
CAREER-LEVEL JOB OF ASSISTANT BUYER  
ARE ASSIGNED TO CLASSROOM AND  
LEARNING SIMULATION ACTIVITIES FOR  
SECOND YEAR STUDENTS. BOTH  
INDIVIDUAL AND GROUP LEARNING  
ACTIVITIES ARE USED. LEARNING  
ACTIVITY PACKAGES DEVELOPED BY THE  
INTERSTATE DISTRIBUTIVE EDUCATION  
CURRICULUM CONSORTIUM ARE USED  
EXTENSIVELY IN THE PROGRAM.  
APPENDIXES CONTAIN A LIST OF  
INSTRUCTIONAL MATERIALS, A ZONE  
ANALYSIS OF JOBS FOR TRANSPARENCY  
DUPLICATION AS AN AID IN STUDENT

ORIENTATION, AND A SUGGESTED  
TEACHING SEQUENCE FOR THE  
CURRICULUM. (AUTHOR/RG)

VT 103 004  
DEVELOPING AND TESTING SIMULATED  
OCCUPATIONAL EXPERIENCES FOR  
DISTRIBUTIVE EDUCATION STUDENTS IN  
RURAL COMMUNITIES. FINAL REPORT.  
VOLUME III - TRAINING PLANS.

VIRGINIA POLYTECHNIC INST. AND  
STATE UNIV., BLACKSBURG.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
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RELATED DOCUMENTS VT 103 115 AND VT  
103 003 IN THIS ISSUE.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*RURAL SCHOOLS;  
\*SIMULATION; \*PERFORMANCE BASED  
EDUCATION; SENIOR HIGH SCHOOLS;  
GRADE 11; GRADE 12; JOB ANALYSIS;  
\*TASK PERFORMANCE; INDIVIDUALIZED  
INSTRUCTION

ABSTRACT - THE VOLUME CONTAINS  
PROTOTYPE TRAINING PLANS FOR 15  
ENTRY-LEVEL AND 15 CAREER-LEVEL  
JOBS IN SEVEN CATEGORIES OF  
DISTRIBUTIVE BUSINESS: DEPARTMENT  
STORE, FOOD STORE, VARIETY STORE,  
SERVICE STATION, RESTAURANT,  
HOTEL/MOTEL, AND WHOLESALING.  
DEVELOPED FOR STUDENTS IN A  
DISTRIBUTIVE EDUCATION SIMULATION  
PLAN, THESE TRAINING PLANS ARE ALSO  
APPROPRIATE FOR STUDENTS IN A  
COOPERATIVE PLAN. THE TRAINING PLAN  
FOR EACH JOB CONTAINS A LIST OF  
SPECIFIC AND RELATED TASKS. THE  
STUDENT IS TO RECORD IN THE  
APPROPRIATE COLUMN WHERE THE  
EXPERIENCES TO DEVELOP COMPETENCIES  
TO PERFORM THESE TASKS WILL TAKE  
PLACE: CLASSROOM, SIMULATED STORE,  
SCHOOL STORE, OBSERVATION,  
DISTRIBUTIVE EDUCATION CLUBS OF  
AMERICA ACTIVITIES, OR ON THE JOB.  
SPACE IS PROVIDED FOR BOTH STUDENT  
AND TEACHER EVALUATION OF THE LEVEL  
OF COMPETENCY DEVELOPMENT. AN  
INTRODUCTION TO THE VOLUME PRESENTS  
SUGGESTIONS FOR IMPLEMENTING AND

INDIVIDUALIZING THE PLANS.  
(AUTHOR/RG)

VT 103 005

ESHELBY, DON, COMP.  
HEALTH OCCUPATIONS EDUCATION:  
INSTRUCTIONAL MATERIALS FROM  
ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION, 1972-1975.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
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ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 76 136P.; RELATED  
DOCUMENTS VT 103 005 THROUGH VT 103  
007 AND VT 103 017 AND VT 103 018  
IN THIS ISSUE.

DESCRIPTORS - \*HEALTH OCCUPATIONS  
EDUCATION; \*ABSTRACTS;  
\*INSTRUCTIONAL MATERIALS; \*RESOURCE  
GUIDES; \*INDEXES (LOCATORS); CAREER  
EDUCATION; CURRICULUM GUIDES;  
ELEMENTARY SECONDARY EDUCATION;  
POST SECONDARY EDUCATION; ADULT  
EDUCATION; TEACHING GUIDES

ABSTRACT - THE COMPILATION PRESENTS  
160 RESUMES OF INSTRUCTIONAL  
MATERIALS FOR HEALTH OCCUPATIONS  
EDUCATION WHICH HAVE APPEARED IN  
"ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION" (AIM/ARM)  
BETWEEN 1972 AND 1975. THE FIRST  
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RESUMES FROM 1967 THROUGH 1971, IS  
AVAILABLE IN THE ERIC MICROFICHE  
COLLECTION AS ED 062 575. THE  
RESUMES COVER A BROAD RANGE OF  
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WHICH CHARACTERIZE THE CONTENTS OF  
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VT 103 006

BLUE, JAMES, COMP.  
DISTRIBUTIVE EDUCATION:  
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ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION, 1972-1975.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
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DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*ABSTRACTS;  
\*INSTRUCTIONAL MATERIALS; \*RESOURCE  
GUIDES; \*INDEXES (LOCATORS); CAREER  
EDUCATION; CURRICULUM GUIDES;  
ELEMENTARY SECONDARY EDUCATION;  
POST SECONDARY EDUCATION; ADULT  
EDUCATION; TEACHING GUIDES

ABSTRACT - THE COMPILATION PRESENTS  
376 RESUMES OF INSTRUCTIONAL  
MATERIALS FOR DISTRIBUTIVE  
EDUCATION WHICH HAVE APPEARED IN  
"ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION" (AIM/ARM)  
BETWEEN 1972 AND 1975. THE FIRST  
EDITION OF THE SERIES, CONTAINING  
RESUMES FROM 1967 THROUGH 1971, IS  
AVAILABLE IN THE ERIC MICROFICHE  
COLLECTION AS ED 062 567. THE  
RESUMES COVER A BROAD RANGE OF  
FIELDS AND OCCUPATIONS. ARRANGED IN  
ASCENDING ORDER ACCORDING TO AN  
ACCESSION (VT) NUMBER, THE RESUMES  
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NUMBER OF PAGES, SUBJECT TERMS  
WHICH CHARACTERIZE THE CONTENTS OF

THE DOCUMENT, AND A DOCUMENT ABSTRACT. THE RESUMES ARE INDEXED BY AUTHOR AND SUBJECT. A VT-ED NUMBER CROSS REFERENCE INDEX IS PROVIDED. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM THE ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROXED REPRODUCTIONS. ORDERING INFORMATION FOR AIM/ARM AND EDRS REPRODUCTIONS IS PROVIDED IN THE INTRODUCTORY SECTION. (AUTHOR/RG)

**VT 103 007**

KEYES, ERMA O., COMP.  
HOME ECONOMICS EDUCATION:  
INSTRUCTIONAL MATERIALS FROM  
ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION, 1972-1975.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

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DESCRIPTORS - \*HOME ECONOMICS  
EDUCATION; \*ABSTRACTS;  
\*INSTRUCTIONAL MATERIALS; \*RESOURCE  
GUIDES; \*INDEXES (LOCATORS);  
VOCATIONAL EDUCATION; CAREER  
EDUCATION; CURRICULUM GUIDES;  
ELEMENTARY SECONDARY EDUCATION;  
POST SECONDARY EDUCATION; ADULT  
EDUCATION; TEACHING GUIDES

ABSTRACT - THE COMPILATION PRESENTS  
OVER 700 RESUMES OF INSTRUCTIONAL  
MATERIALS FOR HOME ECONOMICS  
EDUCATION WHICH HAVE APPEARED IN  
"ABSTRACTS OF INSTRUCTIONAL AND  
RESEARCH MATERIALS IN VOCATIONAL  
AND TECHNICAL EDUCATION" (AIM/ARM)  
BETWEEN 1972 AND 1975. THE FIRST  
EDITION OF THE SERIES, CONTAINING  
RESUMES FROM 1967 THROUGH 1971, IS  
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RESUMES COVER A BROAD RANGE OF  
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SOURCE, SPONSORING AGENCY,  
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NUMBER OF PAGES, SUBJECT TERMS  
WHICH CHARACTERIZE THE CONTENTS OF  
THE DOCUMENT, AND A DOCUMENT  
ABSTRACT. THE RESUMES ARE INDEXED  
BY AUTHOR AND SUBJECT. A VT-ED  
NUMBER CROSS REFERENCE INDEX IS  
PROVIDED. THE FULL TEXTS OF  
DOCUMENTS ARE AVAILABLE FROM THE  
ORIGINAL SOURCES OR FROM THE ERIC  
DOCUMENT REPRODUCTION SERVICE  
(EDRS) AS MICROFICHE OR XEROXED  
REPRODUCTIONS. ORDERING INFORMATION  
FOR AIM/ARM AND EDRS REPRODUCTIONS  
IS PROVIDED IN THE INTRODUCTORY  
SECTION. (AUTHOR/RG)

**VT 103 008**

INTRODUCTION TO VOCATIONS.  
EXPLORING HOME ECONOMICS RELATED  
CAREERS.

RUTGERS, THE STATE UNIV., NEW  
BRUNSWICK, N.J. CURRICULUM LAB.  
NEW JERSEY STATE DEPT. OF  
EDUCATION, TRENTON. DIV. OF  
VOCATIONAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
VOCATIONAL-TECHNICAL CURRICULUM  
LABORATORY, RUTGERS - THE STATE  
UNIVERSITY, BUILDING 4103 - KILMER  
CAMPUS, NEW BRUNSWICK, NEW JERSEY  
08903. (\$3.50 EA.)  
PUB DATE - MAR76 126P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*TEACHING GUIDES; \*CAREER PLANNING;  
\*CAREER EDUCATION; \*HOME ECONOMICS  
EDUCATION; OCCUPATIONAL  
INFORMATION; INTERMEDIATE GRADES;  
JUNIOR HIGH SCHOOLS; LESSON PLANS;  
LEARNING ACTIVITIES; MIDDLE  
SCHOOLS; OCCUPATIONAL CLUSTERS

ABSTRACT - THE CURRICULUM GUIDE IS  
DESIGNED TO PROVIDE OPPORTUNITIES  
FOR JUNIOR HIGH OR MIDDLE SCHOOL  
STUDENTS TO ACQUIRE KNOWLEDGE  
RELATIVE TO SEMI-PROFESSIONAL AND  
PROFESSIONAL CAREERS IN HOME  
ECONOMICS. THE SIX UNITS OF STUDY,  
CALLED CYCLES, FOCUS ON JOB  
CLUSTERS IN THE FOLLOWING CAREER

AREAS: FAMILY AND CONSUMER SERVICES; CHILD DEVELOPMENT AND CARE; CLOTHING, TEXTILES, AND FASHION; FOOD SERVICES; HOUSING AND HOME FURNISHINGS; AND INSTITUTIONAL, HOSPITALITY INDUSTRY, AND HOME SERVICES. EACH CYCLE PRESENTS GENERAL INFORMATION, OBJECTIVES, TEACHER OVERVIEW CONTAINING AGENCY NAMES FOR SOURCES OF INFORMATION, A PRE AND POST INVENTORY, 10 LESSON PLANS, AND A BIBLIOGRAPHY. NINE LESSONS USE A VARIETY OF LEARNING EXPERIENCES AND ACTIVITIES, INCLUDING FIELD TRIPS, VISITS BY RESOURCE PERSONS IN THE FIELD, GROUP DISCUSSION, AND PROJECTS. THE TENTH LESSON IS THE ADMINISTRATION OF THE POST INVENTORY, STUDENT EVALUATION OF SCORES, AND CAREER CYCLE SUMMARY. (RG)

**VT 103 009**

HOME ECONOMICS AND THE EXCEPTIONAL STUDENT. A HANDBOOK FOR HOME ECONOMICS TEACHERS WORKING WITH MENTALLY RETARDED STUDENTS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903. (\$2.50 EA.)  
PUB DATE - APR76 47P.

DESCRIPTORS - \*TEACHING GUIDES; TEACHER WORKSHOPS; \*MENTALLY HANDICAPPED; TEACHING SKILLS; \*SECONDARY EDUCATION; \*HOME ECONOMICS EDUCATION; \*DAILY LIVING SKILLS

ABSTRACT - THE TEACHING GUIDE WAS PREPARED TO ASSIST THE HOME ECONOMICS TEACHER WHO IS WORKING WITH MENTALLY RETARDED STUDENTS IN SELF-CONTAINED CLASSROOMS OR THROUGH MAINSTREAMING. IT WAS DEVELOPED FROM PROCEEDINGS OF A WORKSHOP CONSISTING OF SIX THREE-

HOUR SESSIONS HELD WEEKLY DURING THE SPRING OF 1975. PARTICIPANTS WERE 24 HOME ECONOMICS TEACHERS AND TWO STUDENT TEACHERS FROM SCHOOL DISTRICTS IN NORTHERN NEW JERSEY. FOLLOWING AN INTRODUCTION DESCRIBING THE WORKSHOP, CONTENTS OF THE GUIDE ARE ORGANIZED INTO FIVE SECTIONS: CHARACTERISTICS OF THE MENTALLY RETARDED, TRENDS IN MENTAL RETARDATION, LIFE-SKILL COMPETENCIES, CURRICULUM SUGGESTIONS, AND SCHOOL AND COMMUNITY RESOURCES. BASED ON A SYSTEMS APPROACH, CURRICULUM SUGGESTIONS ARE OFFERED FOR THE AREAS OF PERSONAL MANAGEMENT, INTERPERSONAL RELATIONSHIPS, HOME MANAGEMENT, AND CHILD CARE. NECESSARY COMPETENCIES FOR EACH AREA ARE LISTED, FOLLOWED BY DESIRED OUTCOMES AND INPUT FOR SAMPLE CONCEPTS. FOR EXAMPLE, CONCEPTS IN THE AREA OF HOME MANAGEMENT ARE SAFETY, SHOPPING FOR A FAMILY, AND CARE OF CLOTHING. APPENDED ARE THE WORKSHOP AGENDA AND MATERIALS AND RESOURCE LISTS FOR TEACHER AND STUDENT USE. (RG)

**VT 103 010**

A MEDIA TECHNOLOGY CURRICULUM.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903. (\$4.00 EA.)  
PUB DATE - MAY76 285P.

DESCRIPTORS - \*CURRICULUM GUIDES; \*TEACHING GUIDES; PERFORMANCE BASED EDUCATION; INTERDISCIPLINARY APPROACH; \*MEDIA TECHNOLOGY; \*INSTRUCTIONAL TECHNOLOGY; LEARNING ACTIVITIES; \*POST SECONDARY EDUCATION; LESSON PLANS

ABSTRACT - THE CURRICULUM GUIDE OFFERS A TWO-YEAR, COMPETENCY-BASED POSTSECONDARY PROGRAM OF STUDIES IN

**MEDIA TECHNOLOGY. AN INTERDISCIPLINARY APPROACH DRAWS FROM THE BROAD AREAS OF ART, BUSINESS MANAGEMENT, DRAFTING, LIBRARY SCIENCE, PHOTOGRAPHY, PRINTING, TELEVISION, AND TYPING. THE PRINCIPAL OBJECTIVE OF THE PROGRAM IS TO TRAIN TECHNICIANS WHO WILL ASSIST IN PLANNING, DESIGNING, PRODUCING, AND USING MEDIA AND MULTIMEDIA MATERIALS ADVANTAGEOUSLY. TWO LEVELS OF ATTAINMENT ARE PROVIDED: THE MEDIA EQUIPMENT TECHNICIAN LEVEL AFTER COMPLETION OF THE FIRST YEAR, AND THE MULTIMEDIA TECHNICIAN UPON COMPLETION OF THE PROGRAM. THE UNITS OF STUDY ARE ORGANIZED INTO 10 COMPONENTS. OFFERED IN THE FIRST YEAR ARE: MEDIA EQUIPMENT, DRAFTING, AND CIRCULATION. THE SECOND YEAR INCLUDES COMMERCIAL ART, TYPING, PLANNING AND PRESENTATION, AND MANAGEMENT. UNITS IN PRINTING AND SOFTWARE PRODUCTION ARE OFFERED FOR BOTH YEARS. IN ADDITION, HOURS ARE ALLOTTED EACH YEAR FOR THE TENTH COMPONENT, INDIVIDUALIZED STUDIES ACCORDING TO STUDENT NEEDS. PRESENTED FOR EACH UNIT ARE THE NUMBER OF HOURS REQUIRED, SPECIFIC OBJECTIVES, LIST OF BASIC CONTENT, SUGGESTED LEARNING ACTIVITIES FOR CLASSROOM AND LABORATORY, AND A LIST OF EQUIPMENT OR SUPPLIES NEEDED. AN INTRODUCTORY SECTION INCLUDES A STUDENT PROGRESS CHART. (AUTHOR/RG)**

**VT 103 011  
MOLDAN, CAROL; AND OTHERS  
VOCATIONS. COMPREHENSIVE MIDDLE  
SCHOOL PROGRAM.**

**RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB. NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, RUTGERS - THE STATE UNIVERSITY, BUILDING 4103 - KILMER CAMPUS, NEW BRUNSWICK, NEW JERSEY 08903. (CATALOG NO. CE-358, \$3.00 EA.)  
PUB DATE - JUL76 139P.**

**DESCRIPTORS - \*TEACHING GUIDES; \*CAREER EDUCATION; \*OCCUPATIONAL CLUSTERS; JUNIOR HIGH SCHOOLS; UNIT PLAN; GRADE 7; GRADE 8; \*LEARNING ACTIVITIES; \*CAREER EXPLORATION; INTEGRATED CURRICULUM**

**ABSTRACT - THIS HANDBOOK IS INTENDED FOR USE IN GRADES SEVEN AND EIGHT WITH SPECIFIC EMPHASIS UPON ITS INTEGRATION OF THE 15 CAREER CLUSTERS INTO AN EXISTING CURRICULUM. EACH CLUSTER IS PRESENTED AS A UNIT OF STUDY OF THREE TO FOUR WEEKS' DURATION. EXAMPLE IDEAS FOR CLUSTER-RELATED LESSON PLANS ARE PROVIDED FOR THE AREAS OF ENGLISH, MATH, SCIENCE, SOCIAL STUDIES, AND OTHER DISCIPLINES. EMPHASIS IS CENTERED AROUND THE CAREER DEVELOPMENT THEME WHICH INCLUDES STUDENT EVALUATION OF HIS OR HER CHARACTERISTICS, EXPLORATION OF BROAD OCCUPATIONAL AREAS, INTRODUCTION TO THE PSYCHOLOGICAL AND SOCIOLOGICAL MEANINGS OF WORK, INTRODUCTION TO THE ECONOMIC AND SOCIAL VALUES OF WORK, IDENTIFICATION AND EXPLANATION OF EDUCATIONAL AND SKILL DEVELOPMENT AVENUES, AND DEVELOPMENT OF THE STUDENT'S PROCESS OF DECISIONMAKING. QUESTIONNAIRES AND STUDENT SURVEYS ARE INCLUDED IN THE HANDBOOK. EACH SECTION INCLUDES AN INTRODUCTION TO THE OCCUPATIONAL CLUSTER, A LISTING OF SAMPLE OCCUPATIONS, SUGGESTED LEARNING ACTIVITIES, AND RESOURCES. (AUTHOR/NJ)**

**VT 103 012  
TYPEWRITING.**

**VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. BUSINESS EDUCATION SERVICE. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. HARRY SMITH, PUBLIC INFORMATION AND PUBLICATIONS, STATE DEPARTMENT OF EDUCATION, RICHMOND, VIRGINIA 23216. (\$1.50 EA.)  
PUB DATE - MAR76 83P.**

**DESCRIPTORS - \*TYPEWRITING; \*CURRICULUM GUIDES; \*TEACHING**

**GUIDES; \*LEARNING ACTIVITIES;  
SECONDARY EDUCATION; LESSON PLANS**

**ABSTRACT - INTENDED AS A REFERENCE FOR THE BUSINESS TEACHER, THE GUIDE PRESENTS SUGGESTED CONTENT, INSTRUCTIONAL PROCEDURES, AND BEHAVIORAL OBJECTIVES WHICH ARE APPROPRIATE TO INSTRUCTION IN TYPEWRITING. AN INTRODUCTORY SECTION INCLUDES: (1) BASIC OBJECTIVES, (2) THE PSYCHOLOGICAL PRINCIPLES OF LEARNING AND THE TEACHING TECHNIQUES THAT APPLY TO THE TEACHING OF TYPEWRITING, (3) INFORMATION ABOUT CLASS ORGANIZATION, AND (4) SUGGESTED EVALUATION PROCEDURES FOR MEASURING STUDENT PROGRESS AND GRADING. OUTLINES FOR 34 INSTRUCTIONAL TOPICS CONTAIN OBJECTIVES, SUGGESTED STUDENT/TEACHER ACTIVITIES, AND EVALUATION PROCEDURES. EXAMPLES OF TOPICS ARE: INSERTING PAPER, FIGURES AND SYMBOLS, ACCURACY DEVELOPMENT, CORRECTING TECHNIQUES, ENVELOPES, FINANCIAL STATEMENTS, STENCIL DUPLICATION, AND LEGAL TYPING. A LIST OF REFERENCES IS INCLUDED. (AUTHOR/RG)**

**VT 103 013**

**PORTER, HARRY L., JR.  
COMPREHENSIVE EROSION AND SEDIMENT CONTROL TRAINING PROGRAM FOR ENGINEERS, ARCHITECTS AND PLANNERS.**

**VIRGINIA SOIL AND WATER CONSERVATION COMMISSION, RICHMOND. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. NATIONAL ASSOCIATION OF CONSERVATION DISTRICTS SERVICE DEPARTMENT, 408 EAST MAIN, LEAGUE CITY, TEXAS 77573. (\$2.00 EA.) PUB DATE - MAR76 140P.**

**DESCRIPTORS - \*TEXTBOOKS; \*SOIL CONSERVATION; \*POST SECONDARY EDUCATION; \*STATE PROGRAMS; ENGINEERS; ARCHITECTS; PLANNING IDENTIFIERS - \*VIRGINIA**

**ABSTRACT - THE TEXTBOOK WAS DESIGNED TO PROVIDE UNIFORM INSTRUCTION TO THE ENGINEER, ARCHITECT, PLANNER, AND OTHERS WHO**

**WILL BE HELPING TO IMPLEMENT THE VIRGINIA EROSION AND SEDIMENT CONTROL PROGRAM. ALTHOUGH THE TEXT HAS BEEN TAILOR MADE FOR USE IN VIRGINIA, THE BASIC PRINCIPLES COVERED ARE UNIVERSAL, AND THE MATERIAL IS ADAPTABLE TO MEET THE NEEDS IN ANY STATE. THE 11 UNITS ARE GROUPED UNDER THE FOLLOWING MAJOR HEADINGS: PART I, INTRODUCTION; PART II, THE EROSION AND SEDIMENTATION PROCESS; PART III, CONTROL; AND PART IV, IMPLEMENTATION. A LIST OF REFERENCES IS GIVEN FOR EACH PART. EACH UNIT IN THE PROGRAM BEGINS WITH A STATEMENT OF THE PURPOSE AND SIGNIFICANCE OF THE UNIT. THE OBJECTIVES FOR THE UNIT ARE STATED, FOLLOWED BY THE SUBJECT MATTER CONTENT WHICH MAY INCLUDE OUTSIDE REFERENCES, BACKGROUND QUESTIONS, OR PROBLEMS. CRITERION QUESTIONS ENABLE THE STUDENT TO TEST HIMSELF. A SUMMARY ANSWERS THE QUESTIONS AND BRIEFLY LISTS PERTINENT POINTS. PHOTOGRAPHS, CHARTS, AND DRAWINGS ILLUSTRATE THE TEXT. MATERIAL TO SUPPLEMENT THE TEXT IS APPENDED. ALSO CITED ARE TWO ADDITIONAL PUBLICATIONS REQUIRED AS PART OF THE SUBJECT CONTENT OF THE PROGRAM. (AUTHOR/RG)**

**VT 103 014**

**A COMPREHENSIVE VOCATIONAL EDUCATION PROGRAM FOR CAREER DEVELOPMENT IN LEON COUNTY. FINAL REPORT. VOLUME II: CAREER GUIDES FOR SECONDARY SCIENCES.**

**LEON COUNTY SCHOOLS, TALLAHASSEE, FLA.**

**BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.; FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.**

**DEG-0-73-3004**

**PUB DATE - 75 284P.; RELATED DOCUMENTS VT 103 148, VT 103 149, AND VT 103 014 THROUGH VT 103 016 IN THIS ISSUE.**

**DESCRIPTORS - \*CAREER EXPLORATION;**

\*TEACHING GUIDES; \*STUDY GUIDES;  
 \*FUSED CURRICULUM; LEARNING  
 ACTIVITIES; OCCUPATIONAL CLUSTERS;  
 TEACHER DEVELOPED MATERIALS;  
 \*SCIENCE CURRICULUM; BIOLOGY;  
 SECONDARY EDUCATION; MIDDLE  
 SCHOOLS; GENERAL SCIENCE;  
 INTERMEDIATE GRADES

ABSTRACT - THE VOLUME CONTAINS FIVE SEPARATE GUIDES DEVELOPED BY MIDDLE SCHOOL AND HIGH SCHOOL TEACHERS FOR INFUSING CAREER EDUCATION ACTIVITIES IN A SCIENCE CURRICULUM. PREPARED FOR TWO MIDDLE SCHOOLS, THE GUIDES FOR GRADES SIX, SEVEN, AND EIGHT ARE SIMILAR IN FORMAT. LEARNING ACTIVITIES, WITH ACCOMPANYING RESOURCES, ARE LISTED FOR EXPLORING SELECTED OCCUPATIONAL CLUSTERS AT EACH GRADE LEVEL. THE CLUSTERS ARE: HEALTH, ENVIRONMENT, MANUFACTURING, AGRIBUSINESS AND NATURAL RESOURCES, TRANSPORTATION, COMMUNICATIONS AND MEDIA, AND MARINE SCIENCE. AN IMPLEMENTATION PLAN AND OBJECTIVES ARE INCLUDED. THE STUDY GUIDE FOR THE NINTH GRADE GENERAL SCIENCE CURRICULUM EMPHASIZES COLLECTING INFORMATION ON TWO STUDENT-SELECTED CAREERS AND APPLYING FOR A JOB. THE ACTIVITIES INCLUDE WRITING A RESUME, COMPLETING A JOB APPLICATION, AND ROLE PLAY OF A JOB INTERVIEW. TWO CAREER GUIDES WERE PREPARED FOR BIOLOGY COURSES. ONE IS CORRELATED WITH THE TEXTBOOK, "THE EARTH: ITS LIVING THINGS," AND THE OTHER WITH "HIGH SCHOOL BIOLOGY," BSCS, GREEN VERSION, SECOND EDITION. EACH CONTAINS A TEACHER'S HANDBOOK AND STUDENT STUDY GUIDE. OBJECTIVES OF THE TWO GUIDES ARE IDENTICAL: STUDENTS ARE TO SELECT A BIOLOGY-RELATED CAREER AND COMPLETE SPECIFIC LEARNING ACTIVITIES TO MEET REQUIRED OBJECTIVES FOR RESEARCHING THE CAREER AND APPLYING FOR A JOB. EACH OF THE FIVE GUIDES CONTAINS A LIST OF RESOURCES AVAILABLE FOR THE TEACHER OR STUDENT. (RG)

#### VT 103 015

A COMPREHENSIVE VOCATIONAL EDUCATION PROGRAM FOR CAREER DEVELOPMENT IN LEON COUNTY. FINAL

REPORT. VOLUME III: CAREER GUIDE FOR FOREIGN LANGUAGES GERMAN I-IV.

LEON COUNTY SCHOOLS, TALLAHASSEE, FLA.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.; FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-3004

PUB DATE - 75 249P.; RELATED DOCUMENTS VT 103 148, VT 103 149, AND VT 103 014 THROUGH VT 103 016 IN THIS ISSUE.

DESCRIPTORS - \*GERMAN; \*LANGUAGE INSTRUCTION; \*STUDY GUIDES; \*TEACHING GUIDES; OCCUPATIONAL INFORMATION; FUSED CURRICULUM; VOCABULARY SKILLS; OCCUPATIONAL CLUSTERS; \*CAREER EXPLORATION; SECONDARY EDUCATION; LEARNING ACTIVITIES; TEACHER DEVELOPED MATERIALS

ABSTRACT - DEVELOPED BY THE FOREIGN LANGUAGE DEPARTMENT OF A HIGH SCHOOL PARTICIPATING IN A PILOT CAREER EDUCATION PROJECT, THE GUIDE INFUSES CAREER EDUCATION ELEMENTS WITH BASIC FOREIGN LANGUAGE SKILLS. THE VOLUME CONTAINS A TEACHER'S GUIDE AND FIVE STUDENT CAREER UNITS, EACH RELATING TO ONE OF FIVE OCCUPATIONAL CLUSTERS: BUSINESS AND OFFICE, COMMUNICATIONS AND MEDIA, HEALTH AND RELATED OCCUPATIONS, HOSPITALITY AND RECREATION, AND MARKETING AND DISTRIBUTION. WRITTEN IN ENGLISH AND GERMAN, THE UNITS HAVE THE SAME BASIC FORMAT. THEY CONSIST OF TWO MAIN SECTIONS: (1) THE LEARNING ACTIVITY PACKAGE, WHICH IS DESIGNED TO PROVIDE THE STUDENT WITH BASIC SKILLS IN GERMAN RELATIVE TO THE OCCUPATIONAL CLUSTER BEING STUDIED; AND (2) THE CAREER RESEARCH PACKAGE, WHICH PROVIDES OCCUPATIONAL INFORMATION AND ACTIVITIES TO ASSIST THE STUDENT IN EXPLORING THE CAREER OF HIS/HER CHOICE. THE ACCOMPANYING TEACHER'S GUIDE INCLUDES IMPLEMENTATION STRATEGIES,

OBJECTIVES OF THE UNITS, AND BRIEF DESCRIPTIONS OF THE CONTENTS OF THE UNITS. APPENDED ARE THE VOCABULARY QUIZZES AND ANSWERS, TEXTS FOR LISTENING COMPREHENSION TESTS, SAMPLE CAREER EXPLORATION FORM, AND LIST OF RESOURCES. ALTHOUGH DEVELOPED FOR GERMAN CLASSES, THE MODEL MAY BE USED IN OTHER LANGUAGE CLASSES BY SUBSTITUTING THE APPROPRIATE VOCABULARY AND RESOURCE MATERIALS. (AUTHOR/RG)

**VT 103 016**

A COMPREHENSIVE VOCATIONAL EDUCATION PROGRAM FOR CAREER DEVELOPMENT IN LEON COUNTY. FINAL REPORT. VOLUME IV: CAREER GUIDE FOR FOREIGN LANGUAGES SPANISH I-IV.

LEON COUNTY SCHOOLS, TALLAHASSEE, FLA.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.; FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-3064

PUB DATE - 75 247P.; RELATED DOCUMENTS VT 103 148, VT 103 149, AND VT 103 014 THROUGH VT 103 016 IN THIS ISSUE.

DESCRIPTORS - \*SPANISH; \*LANGUAGE INSTRUCTION; \*STUDY GUIDES; \*TEACHING GUIDES; OCCUPATIONAL INFORMATION; FUSED CURRICULUM; VOCABULARY SKILLS; OCCUPATIONAL CLUSTERS; \*CAREER EXPLORATION; SECONDARY EDUCATION; LEARNING ACTIVITIES; TEACHER DEVELOPED MATERIALS

ABSTRACT - DEVELOPED BY THE FOREIGN LANGUAGE DEPARTMENT OF A HIGH SCHOOL PARTICIPATING IN A PILOT CAREER EDUCATION PROJECT, THE GUIDE INFUSES CAREER EDUCATION ELEMENTS WITH BASIC FOREIGN LANGUAGE SKILLS. THE VOLUME CONTAINS A TEACHER'S GUIDE AND FIVE STUDENT CAREER UNITS, EACH RELATING TO ONE OF FIVE OCCUPATIONAL CLUSTERS: BUSINESS AND OFFICE, COMMUNICATIONS AND MEDIA, HEALTH AND RELATED OCCUPATIONS,

HOSPITALITY AND RECREATION, AND MARKETING AND DISTRIBUTION. WRITTEN IN ENGLISH AND SPANISH, THE UNITS HAVE THE SAME BASIC FORMAT. THEY CONSIST OF TWO MAIN SECTIONS: (1) THE LEARNING ACTIVITY PACKAGE, WHICH IS DESIGNED TO PROVIDE THE STUDENT WITH BASIC SKILLS IN SPANISH RELATIVE TO THE OCCUPATIONAL CLUSTER BEING STUDIED; AND (2) THE CAREER RESEARCH PACKAGE, WHICH PROVIDES OCCUPATIONAL INFORMATION AND ACTIVITIES TO ASSIST THE STUDENT IN EXPLORING THE CAREER OF HIS/HER CHOICE. THE ACCOMPANYING TEACHER'S GUIDE INCLUDES IMPLEMENTATION STRATEGIES, OBJECTIVES OF THE UNITS, AND BRIEF DESCRIPTIONS OF THE CONTENTS OF THE UNITS. APPENDED ARE THE VOCABULARY QUIZZES AND ANSWERS, TEXTS FOR LISTENING COMPREHENSION TESTS, SAMPLE CAREER EXPLORATION FORM, AND LIST OF RESOURCES. ALTHOUGH DEVELOPED FOR SPANISH CLASSES, THE MODEL MAY BE USED IN OTHER LANGUAGE CLASSES BY SUBSTITUTING THE APPROPRIATE VOCABULARY AND RESOURCE MATERIALS. (AUTHOR/RG)

**VT 103 017**

KAPES, JEROME T., COMP. TRADE AND INDUSTRIAL EDUCATION: INSTRUCTIONAL MATERIALS FROM ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION, 1972-1975.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - 76 446P.; RELATED DOCUMENTS VT 103 005 THROUGH VT 103 007 AND VT 103 018 IN THIS ISSUE.

DESCRIPTORS - \*TRADE AND INDUSTRIAL EDUCATION; \*ABSTRACTS; \*INSTRUCTIONAL MATERIALS; \*RESOURCE GUIDES; \*INDEXES (LOCATORS); VOCATIONAL EDUCATION; CAREER EDUCATION; CURRICULUM GUIDES; ELEMENTARY SECONDARY EDUCATION; POST SECONDARY EDUCATION; ADULT EDUCATION; TEACHING GUIDES

**ABSTRACT - THE COMPILATION PRESENTS OVER 600 RESUMES OF INSTRUCTIONAL MATERIALS FOR TRADE AND INDUSTRIAL EDUCATION WHICH HAVE APPEARED IN "ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM/ARM) BETWEEN 1972 AND 1975. THE FIRST EDITION OF THE SERIES, CONTAINING RESUMES FROM 1967 THROUGH 1971, IS AVAILABLE IN THE ERIC MICROFICHE COLLECTION AS ED 062 572. THE RESUMES COVER A BROAD RANGE OF FIELDS AND OCCUPATIONS. ARRANGED IN ASCENDING ORDER ACCORDING TO AN ACCESSION (VT) NUMBER, THE RESUMES INCLUDE THE FOLLOWING INFORMATION: AUTHOR(S), TITLE, INSTITUTIONAL SOURCE, SPONSORING AGENCY, AVAILABILITY, PUBLICATION DATE, NUMBER OF PAGES, SUBJECT TERMS WHICH CHARACTERIZE THE CONTENTS OF THE DOCUMENT, AND A DOCUMENT ABSTRACT. THE RESUMES ARE INDEXED BY AUTHOR AND SUBJECT. A VT-ED NUMBER CROSS REFERENCE INDEX IS PROVIDED. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM THE ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROXED REPRODUCTIONS. ORDERING INFORMATION FOR AIM/ARM AND EDRS REPRODUCTIONS IS PROVIDED IN THE INTRODUCTORY SECTION. (AUTHOR/RG)**

**VT 103 018**  
**MASON, EMMETT E., COMP.**  
**INDUSTRIAL ARTS EDUCATION:**  
**INSTRUCTIONAL MATERIALS FROM**  
**ABSTRACTS OF INSTRUCTIONAL AND**  
**RESEARCH MATERIALS IN VOCATIONAL**  
**AND TECHNICAL EDUCATION, 1972-1975.**

**OHIO STATE UNIV., COLUMBUS. CENTER**  
**FOR VOCATIONAL EDUCATION.**  
**OFFICE OF EDUCATION (DHEW),**  
**WASHINGTON, D.C.**  
**MF AND HC AVAILABILITY WILL BE**  
**ANNOUNCED IN VOL. 10, NO. 1.**  
**PUB DATE - 76 283P.; RELATED**  
**DOCUMENTS VT 103 005 THROUGH VT 103**  
**007 AND VT 103 017 IN THIS ISSUE.**

**DESCRIPTORS - \*INDUSTRIAL ARTS;**  
**\*ABSTRACTS; \*INSTRUCTIONAL**  
**MATERIALS; \*RESOURCE GUIDES;**

**\*INDEXES (LOCATERS); VOCATIONAL**  
**EDUCATION; CAREER EDUCATION;**  
**CURRICULUM GUIDES; ELEMENTARY**  
**SECONDARY EDUCATION; POST SECONDARY**  
**EDUCATION; ADULT EDUCATION;**  
**TEACHING GUIDES**

**ABSTRACT - THE COMPILATION PRESENTS OVER 300 RESUMES OF INSTRUCTIONAL MATERIALS FOR INDUSTRIAL ARTS EDUCATION WHICH HAVE APPEARED IN "ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM/ARM) BETWEEN 1972 AND 1975. THE FIRST EDITION OF THE SERIES, CONTAINING RESUMES FROM 1967 THROUGH 1971, IS AVAILABLE IN THE ERIC MICROFICHE COLLECTION AS ED 062 577. THE RESUMES COVER A BROAD RANGE OF FIELDS AND OCCUPATIONS. ARRANGED IN ASCENDING ORDER ACCORDING TO AN ACCESSION (VT) NUMBER, THE RESUMES INCLUDE THE FOLLOWING INFORMATION: AUTHOR(S), TITLE, INSTITUTIONAL SOURCE, SPONSORING AGENCY, AVAILABILITY, PUBLICATION DATE, NUMBER OF PAGES, SUBJECT TERMS WHICH CHARACTERIZE THE CONTENTS OF THE DOCUMENT, AND A DOCUMENT ABSTRACT. THE RESUMES ARE INDEXED BY AUTHOR AND SUBJECT. A VT-ED NUMBER CROSS REFERENCE INDEX IS PROVIDED. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM THE ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROXED REPRODUCTIONS. ORDERING INFORMATION FOR AIM/ARM AND EDRS REPRODUCTIONS IS PROVIDED IN THE INTRODUCTORY SECTION. (AUTHOR/RG)**

**VT 103 019**  
**BRADY, ROBERT C., COMP.; AND OTHERS**  
**TRADE AND INDUSTRIAL EDUCATION**  
**COURSE OF STUDY FOR MECHANICAL**  
**DRAFTING.**

**PENNSYLVANIA STATE UNIV.,**  
**UNIVERSITY PARK. DEPT. OF**  
**VOCATIONAL EDUCATION.; PENNSYLVANIA**  
**STATE DEPT. OF EDUCATION,**  
**HARRISBURG. BUREAU OF VOCATIONAL,**  
**TECHNICAL, AND CONTINUING**  
**EDUCATION.**  
**MF AND HC AVAILABILITY WILL BE**  
**ANNOUNCED IN VOL. 10, NO. 1.**

PUB DATE - 75 219P.; RELATED DOCUMENTS VT 103 019 THROUGH VT 103 021 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES; \*TEACHING GUIDES; \*TRADE AND INDUSTRIAL EDUCATION; \*DRAFTING; \*ENGINEERING DRAWING; LEARNING ACTIVITIES; SECONDARY EDUCATION

ABSTRACT - THE COURSE IS DESIGNED FOR SECONDARY SCHOOL STUDENTS WHO SEEK SPECIALIZED TRAINING IN ORDER TO ENTER THE LABOR MARKET AS MECHANICAL DRAFTSMEN. CONTENTS OF THE GUIDE ARE ORGANIZED AS FOLLOWS: (1) INTRODUCTORY SECTION GIVING THE COURSE PHILOSOPHY, GENERAL COURSE OBJECTIVES, INSTRUCTIONAL PLAN, AND BIBLIOGRAPHY; (2) COURSE OUTLINE; AND (3) WRITTEN INSTRUCTIONAL AIDS CONSISTING OF JOB SHEETS, OPERATION SHEETS, AND SAMPLE INFORMATION AND ASSIGNMENT SHEETS. THE COURSE OUTLINE CONSISTS OF 12 UNITS: THE GRAPHIC LANGUAGE, USE AND CARE OF INSTRUMENTS, LETTERING, GEOMETRIC CONSTRUCTION, MULTIVIEW PROJECTION, FREEHAND SKETCHING, REPRODUCTION AND CONTROL OF DRAWINGS, SECTIONAL VIEWS, AUXILIARY VIEWS, REVOLUTIONS, AND AXONOMETRIC AND OBLIQUE. OVER 100 SUGGESTED JOBS ARE LISTED TO PROVIDE EXPERIENCES FOR THE STUDENT IN DEVELOPING SKILL COMPETENCIES. FOR EACH JOB, A CORRESPONDING JOB SHEET TELLS THE STUDENT WHAT TO DO IN PERFORMING THE JOB. INFORMATION ON THE JOB SHEET INCLUDES THE MATERIAL AND TOOLS NEEDED, SPECIFIC PROCEDURES OR STEPS, RELATED TEACHING/LEARNING ACTIVITIES, AND METHOD OF EVALUATION. OPERATION SHEETS SUPPLEMENT THE JOB SHEETS AND INDICATE HOW TO PERFORM THE OPERATIONS NECESSARY TO COMPLETE THE ASSIGNED JOB. THE INFORMATION SHEETS AND ASSIGNMENT SHEETS NEEDED TO SUPPLEMENT THE JOB SHEETS ARE TO BE PREPARED BY THE INSTRUCTOR FOLLOWING THE SAMPLES PROVIDED. (AUTHOR/RG)

VT 103 020  
BEAUMONT, GEORGE J., COMP.; AND OTHERS  
TRADE AND INDUSTRIAL EDUCATION

COURSE OF STUDY FOR RADIO/TELEVISION REPAIR.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF VOCATIONAL EDUCATION.; PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 75 274P.; RELATED DOCUMENTS VT 103 019 THROUGH VT 103 021 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES; \*TEACHING GUIDES; \*TRADE AND INDUSTRIAL EDUCATION; \*TELEVISION REPAIRMEN; LEARNING ACTIVITIES; SECONDARY EDUCATION

ABSTRACT - THE RADIO AND TELEVISION REPAIR COURSE WILL ENABLE STUDENTS TO MASTER BASIC SKILLS, ACQUIRE KNOWLEDGE, AND DEVELOP FAVORABLE ATTITUDES IN THE AREAS EMPHASIZED. CONTENTS OF THE GUIDE ARE ORGANIZED AS FOLLOWS: (1) INTRODUCTORY SECTION GIVING THE COURSE PHILOSOPHY, GENERAL COURSE OBJECTIVES, INSTRUCTIONAL PLAN, AND BIBLIOGRAPHY; (2) COURSE OUTLINE; AND (3) WRITTEN INSTRUCTIONAL AIDS CONSISTING OF JOB SHEETS, OPERATION SHEETS, AND SAMPLE INFORMATION AND ASSIGNMENT SHEETS. THE COURSE OUTLINE CONSISTS OF SIX UNITS: FUNDAMENTAL AC AND DC ELECTRONIC THEORY; SOLID STATE AND TUBE CIRCUITRY AND THEORY; AM, FM, AND AUDIO SYSTEMS ANALYSIS AND TROUBLESHOOTING; TELEVISION AND VIDEO SYSTEM ANALYSIS AND TROUBLESHOOTING; SYSTEMS MAINTENANCE, REPAIR, AND PERFORMANCE ANALYSIS; AND CUSTOMER RELATIONS AND BUSINESS MANAGEMENT. OVER 70 SUGGESTED JOBS ARE LISTED TO PROVIDE EXPERIENCES FOR THE STUDENT IN DEVELOPING SKILL COMPETENCIES. FOR EACH JOB, A CORRESPONDING JOB SHEET TELLS THE STUDENT WHAT TO DO IN PERFORMING THE JOB. INFORMATION ON THE JOB SHEET INCLUDES THE MATERIAL AND EQUIPMENT NEEDED, SAFETY PRECAUTIONS, SPECIFIC PROCEDURES OR

STEPS, RELATED TEACHING/LEARNING ACTIVITIES, AND METHOD OF EVALUATIONS. OPERATION SHEETS SUPPLEMENT THE JOB SHEETS AND INDICATE HOW TO PERFORM THE OPERATIONS NECESSARY TO COMPLETE THE ASSIGNED JOB. THE SUPPLEMENTARY INFORMATION SHEETS AND ASSIGNMENT SHEETS ARE TO BE PREPARED BY THE INSTRUCTOR FOLLOWING THE SAMPLES PROVIDED. (AUTHOR/RG)

**VT 103 021**

EMERLY, ROBERT J., COMP.; AND OTHERS  
TRADE AND INDUSTRIAL EDUCATION  
COURSE OF STUDY FOR MACHINE SHOP  
PRACTICE.

PENNSYLVANIA STATE UNIV.,  
UNIVERSITY PARK. DEPT. OF  
VOCATIONAL EDUCATION.; PENNSYLVANIA  
STATE DEPT. OF EDUCATION,  
HARRISBURG. BUREAU OF VOCATIONAL,  
TECHNICAL, AND CONTINUING  
EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - JAN73 289P.; RELATED  
DOCUMENTS VT 103 019 THROUGH VT 103  
021 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*TEACHING GUIDES; TRADE AND  
INDUSTRIAL EDUCATION; \*MACHINE  
TOOLS; \*SHOP CURRICULUM; LEARNING  
ACTIVITIES; \*MACHINISTS

ABSTRACT - THE COURSE IS DESIGNED  
FOR SECONDARY SCHOOL STUDENTS WHO  
ARE INTERESTED IN BECOMING  
MACHINISTS. CONTENTS OF THE GUIDE  
ARE ORGANIZED INTO THE FOLLOWING  
SECTIONS: (1) INTRODUCTION, (2)  
INSTRUCTIONAL PLAN, (3) EDUCATIONAL  
PHILOSOPHY, (4) SPECIFIC COURSE  
OBJECTIVES, (5) COURSE OUTLINE, (6)  
JOB SHEETS, AND (7) OPERATION  
SHEETS. THE COURSE OUTLINE CALLS  
FOR 470 HOURS OF APPLICATORY JOBS  
TO BE COMPLETED BY STUDENTS; 35  
HOURS OF SKILL DEVELOPMENT LESSONS  
AND 35 HOURS OF INFORMATION LESSONS  
ARE TO BE PRESENTED BY THE  
INSTRUCTOR. FOR EACH OF THE 73  
APPLICATORY JOBS, A JOB SHEET IS  
INCLUDED THAT TELLS THE STUDENT  
WHAT TO DO IN PERFORMING THE JOB.

THE JOB SHEET CONTAINS A PHOTOGRAPH  
AND SCALE DRAWING OF THE TOOL,  
EQUIPMENT LIST, LIST OF TOOLS  
NEEDED, SAFETY PRECAUTIONS, AND  
PROCEDURES. OPERATION SHEETS  
SUPPLEMENT THE JOB SHEETS AND TELL  
THE STUDENT HOW TO PERFORM THE  
OPERATIONS NECESSARY TO COMPLETE  
THE ASSIGNED JOBS. KEYED TO THE  
SKILL DEVELOPMENT LESSONS, EACH  
OPERATION SHEET LISTS THE TOOLS AND  
EQUIPMENT AND PROCEDURE FOR A  
SPECIFIC OPERATION, ALONG WITH AN  
INTRODUCTORY EXPLANATION. THE EIGHT  
UNITS COVERED ARE: LATHE OPERATION,  
POWER SAW OPERATION, BENCH WORK,  
MILLING MACHINE OPERATION, SHAPER  
OPERATION, DRILLING MACHINE  
OPERATION, SURFACE GRINDER  
OPERATION, AND HEAT TREATMENT.  
SUGGESTED INFORMATION LESSON TITLES  
ARE LISTED, BUT INFORMATION SHEETS  
AND ASSIGNMENT SHEETS ARE TO BE  
PREPARED BY THE INSTRUCTOR.  
(AUTHOR/RG)

**VT 103 022**

AUTOMOTIVE MECHANIC. TASK LIST AND  
COMPETENCY RECORD.

MINNESOTA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
MINNEAPOLIS.  
MINNESOTA STATE DEPT. OF EDUCATION,  
ST. PAUL. DIV. OF VOCATIONAL AND  
TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
MINNESOTA INSTRUCTIONAL MATERIALS  
CENTER, 3300 CENTURY AVENUE NORTH,  
WHITE BEAR LAKE, MINNESOTA 55110.  
PUB DATE - 76 44P.; RELATED  
DOCUMENTS VT 103 022 THROUGH VT 103  
025 IN THIS ISSUE.

DESCRIPTORS - \*AUTO MECHANICS  
(OCCUPATION); \*TASK PERFORMANCE;  
\*PERFORMANCE BASED EDUCATION; \*JOB  
ANALYSIS; \*JOB SKILLS; SECONDARY  
EDUCATION; POST SECONDARY  
EDUCATION; OCCUPATIONAL  
INFORMATION; ARTICULATION  
(PROGRAM); STATEWIDE PLANNING

ABSTRACT - INTENDED FOR THE  
VOCATIONAL INSTRUCTOR, THE BOOKLET  
PRESENTS A TASK LIST AND COMPETENCY  
RECORD FOR THE OCCUPATIONAL PROGRAM

OF AUTOMOTIVE MECHANIC. THE LIST WAS DEVELOPED BY A WORKING COMMITTEE OF AUTO MECHANICS INSTRUCTORS AND INDUSTRY REPRESENTATIVES THROUGHOUT THE STATE OF MINNESOTA FOR USE IN PROGRAM ARTICULATION BETWEEN SECONDARY AND POSTSECONDARY INSTITUTIONS. GROUPS OF TASKS ARE ORGANIZED INTO 12 AREAS OF COMPETENCE; FOR EXAMPLE, PERFORM STEERING AND SUSPENSION SYSTEM SERVICE, PERFORM DRIVE TRAIN SERVICE, AND PERFORM ENGINE MECHANICAL SERVICE. THE COMPETENCY RECORD IS A SUGGESTED REPLACEMENT FOR THE TRADITIONAL REPORT CARD AND SHOULD ACCOMPANY THE STUDENT THROUGH HIS OR HER VOCATIONAL TRAINING IN THE SECONDARY AND/OR POSTSECONDARY SCHOOL. FOR EACH GROUP OF TASKS WITHIN THE COMPETENCY AREAS, THE STUDENT IS GRADED FOR HIS COMPETENCY IN TASK PERFORMANCE ON A SIX-POINT SCALE RANGING FROM "RECEIVED INTRODUCTION ONLY" TO "ABLE TO HELP OTHERS; VERY COMPETENT." ALSO INCLUDED IN THE BOOKLET ARE THE JOB DESCRIPTION FOR AUTOMOTIVE MECHANIC, LIST OF REFERENCES, THE INDUSTRY REPRESENTATIVES INVOLVED IN DEVELOPING THE TASK LIST, MEMBERS OF THE CURRICULUM ARTICULATION PROJECT, AND MAPS SHOWING THE LOCATIONS OF VOCATIONAL CENTERS AND AREA VOCATIONAL TECHNICAL INSTITUTES IN THE STATE. (AUTHOR/RG)

VT 103 023  
SERVICE CENTER MECHANIC. TASK LIST AND COMPETENCY RECORD.

MINNESOTA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, MINNEAPOLIS.  
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
MINNESOTA INSTRUCTIONAL MATERIALS CENTER, 3300 CENTURY AVENUE NORTH, WHITE BEAR LAKE, MINNESOTA 55110.  
PUB DATE - 76 41P.; RELATED DOCUMENTS VT 103 022 THROUGH VT 103 025 IN THIS ISSUE.

DESCRIPTORS - \*AUTO MECHANICS (OCCUPATION); \*TASK PERFORMANCE; \*PERFORMANCE BASED EDUCATION; \*JOB ANALYSIS; \*JOB SKILLS; SECONDARY EDUCATION; POST SECONDARY EDUCATION; OCCUPATIONAL INFORMATION; ARTICULATION (PROGRAM); STATEWIDE PLANNING

ABSTRACT - INTENDED FOR THE VOCATIONAL INSTRUCTOR, THE BOOKLET PRESENTS A TASK LIST AND COMPETENCY RECORD FOR THE OCCUPATIONAL PROGRAM OF SERVICE CENTER MECHANIC. THE LIST WAS DEVELOPED BY A WORKING COMMITTEE OF AUTO MECHANICS INSTRUCTORS AND INDUSTRY REPRESENTATIVES THROUGHOUT THE STATE OF MINNESOTA FOR USE IN PROGRAM ARTICULATION BETWEEN SECONDARY AND POSTSECONDARY INSTITUTIONS. SELECTED FROM THE TASK LIST FOR THE OCCUPATIONAL PROGRAM OF AUTOMOTIVE MECHANIC (VT 103 022 IN THIS ISSUE), GROUPS OF TASKS ARE ORGANIZED INTO 12 AREAS OF COMPETENCE; FOR EXAMPLE, PERFORM COOLING AND HEATING SYSTEM SERVICE, SERVICE AIR CONDITIONING SYSTEM, AND PERFORM BRAKE SERVICE. THE COMPETENCY RECORD IS A SUGGESTED REPLACEMENT FOR THE TRADITIONAL REPORT CARD AND SHOULD ACCOMPANY THE STUDENT THROUGH HIS OR HER VOCATIONAL TRAINING IN THE SECONDARY AND/OR POSTSECONDARY SCHOOL. FOR EACH GROUP OF TASKS WITHIN THE COMPETENCY AREAS, THE STUDENT IS GRADED FOR HIS COMPETENCY IN TASK PERFORMANCE ON A SIX-POINT SCALE RANGING FROM "RECEIVED INTRODUCTION ONLY" TO "ABLE TO HELP OTHERS; VERY COMPETENT." ALSO INCLUDED IN THE BOOKLET ARE THE JOB DESCRIPTION FOR SERVICE CENTER MECHANIC, LIST OF REFERENCES, THE INDUSTRY REPRESENTATIVES INVOLVED IN DEVELOPING THE TASK LIST, MEMBERS OF THE CURRICULUM ARTICULATION PROJECT, AND MAPS SHOWING THE LOCATIONS OF VOCATIONAL CENTERS AND AREA VOCATIONAL TECHNICAL INSTITUTES IN THE STATE. (AUTHOR/RG)

VT 103 024

**LUBRICATION SPECIALIST. TASK LIST AND COMPETENCY RECORD.**

MINNESOTA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, MINNEAPOLIS.

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

MINNESOTA INSTRUCTIONAL MATERIALS CENTER, 3300 CENTURY AVENUE NORTH, WHITE BEAR LAKE, MINNESOTA 55110. PUB DATE - 76 32P.; RELATED DOCUMENTS VT 103 022 THROUGH VT 103 025 IN THIS ISSUE.

DESCRIPTORS - \*AUTO MECHANICS (OCCUPATION); \*TASK PERFORMANCE; \*PERFORMANCE BASED EDUCATION; \*JOB ANALYSIS; \*JOB SKILLS; SECONDARY EDUCATION; POST SECONDARY EDUCATION; OCCUPATIONAL INFORMATION; ARTICULATION (PROGRAM); STATEWIDE PLANNING

ABSTRACT - INTENDED FOR THE VOCATIONAL INSTRUCTOR, THE BOOKLET PRESENTS A TASK LIST AND COMPETENCY RECORD FOR THE OCCUPATIONAL PROGRAM OF LUBRICATION SPECIALIST. THE LIST WAS DEVELOPED BY A WORKING COMMITTEE OF AUTO MECHANICS INSTRUCTORS AND INDUSTRY REPRESENTATIVES THROUGHOUT THE STATE OF MINNESOTA FOR USE IN PROGRAM ARTICULATION BETWEEN SECONDARY AND POSTSECONDARY INSTITUTIONS. SELECTED FROM THE TASK LIST FOR THE OCCUPATIONAL PROGRAM OF AUTOMOTIVE MECHANIC (VT 103 022 IN THIS ISSUE), GROUPS OF TASKS ARE ORGANIZED INTO 12 AREAS OF COMPETENCE; FOR EXAMPLE, PERFORM ELECTRICAL SERVICE, PERFORM ENGINE TUNE-UP SERVICE, AND PERFORM FUEL AND EMISSION SYSTEM SERVICE. THE COMPETENCY RECORD IS A SUGGESTED REPLACEMENT FOR THE TRADITIONAL REPORT CARD AND SHOULD ACCOMPANY THE STUDENT THROUGH HIS OR HER VOCATIONAL TRAINING IN THE SECONDARY AND/OR POSTSECONDARY SCHOOL. FOR EACH GROUP OF TASKS WITHIN THE COMPETENCY AREAS, THE STUDENT IS GRADED FOR EACH COMPETENCY IN TASK PERFORMANCE ON A

SIX-POINT SCALE RANGING FROM "RECEIVED INTRODUCTION ONLY" TO "ABLE TO HELP OTHERS; VERY COMPETENT." ALSO INCLUDED IN THE BOOKLET ARE THE JOB DESCRIPTION FOR LUBRICATION SPECIALIST, LIST OF REFERENCES, THE INDUSTRY REPRESENTATIVES INVOLVED IN DEVELOPING THE TASK LIST, MEMBERS OF THE CURRICULUM ARTICULATION PROJECT, AND MAPS SHOWING THE LOCATIONS OF VOCATIONAL CENTERS AND AREA VOCATIONAL TECHNICAL INSTITUTES IN THE STATE. (AUTHOR/RG)

VT 103 025

EXPLORATORY PROGRAM FOR AUTO MECHANICS. TASK LIST AND COMPETENCY RECORD.

MINNESOTA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, MINNEAPOLIS.

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

MINNESOTA INSTRUCTIONAL MATERIALS CENTER, 3300 CENTURY AVENUE NORTH, WHITE BEAR LAKE, MINNESOTA 55110. PUB DATE - 76 41P.; RELATED DOCUMENTS VT 103 022 THROUGH VT 103 025 IN THIS ISSUE.

DESCRIPTORS - \*AUTO MECHANICS (OCCUPATION); \*TASK PERFORMANCE; \*PERFORMANCE BASED EDUCATION; \*JOB ANALYSIS; \*JOB SKILLS; SECONDARY EDUCATION; POST SECONDARY EDUCATION; OCCUPATIONAL INFORMATION; ARTICULATION (PROGRAM); STATEWIDE PLANNING

ABSTRACT - INTENDED FOR THE VOCATIONAL INSTRUCTOR, THE BOOKLET PRESENTS A TASK LIST AND COMPETENCY RECORD FOR AN EXPLORATORY PROGRAM IN AUTO MECHANICS. THE LIST WAS DEVELOPED BY A WORKING COMMITTEE OF AUTO MECHANICS INSTRUCTORS AND INDUSTRY REPRESENTATIVES THROUGHOUT THE STATE OF MINNESOTA FOR USE IN PROGRAM ARTICULATION BETWEEN SECONDARY AND POSTSECONDARY INSTITUTIONS. IDENTICAL TO THE TASK LIST FOR THE OCCUPATIONAL PROGRAM

OF AUTOMOTIVE MECHANIC (VT 103 022 IN THIS ISSUE), GROUPS OF TASKS ARE ORGANIZED INTO 12 AREAS OF COMPETENCE; FOR EXAMPLE, PERFORM BODY ADJUSTMENTS AND SERVICE AND PERFORM EXHAUST AND LUBRICATION SERVICES. IT IS RECOMMENDED THAT SOME TASKS WITHIN EACH OF THE 12 AREAS OF COMPETENCE BE SELECTED FOR DEVELOPING AN EXPLORATORY PROGRAM IN AUTO MECHANICS. THE COMPETENCY RECORD IS A SUGGESTED REPLACEMENT FOR THE TRADITIONAL REPORT CARD AND SHOULD ACCOMPANY THE STUDENT THROUGH HIS OR HER VOCATIONAL TRAINING IN THE SECONDARY AND/OR POSTSECONDARY SCHOOL. FOR EACH GROUP OF TASKS WITHIN THE COMPETENCY AREAS, THE STUDENT IS GRADED FOR HIS COMPETENCY IN TASK PERFORMANCE ON A SIX-POINT SCALE RANGING FROM "RECEIVED INTRODUCTION ONLY" TO "ABLE TO HELP OTHERS; VERY COMPETENT." ALSO INCLUDED IN THE BOOKLET ARE A LIST OF REFERENCES AND BLANK PAGES FOR NOTES. (AUTHOR/RG)

## VT 103 026

AHLER, NINA L.; WOJAK, DEBORA J. LIVING CONSUMERISM: ACTING, DOING, CREATING, MOVING AND DISCOVERING.

ILLINOIS STATE OFFICE OF EDUCATION, SPRINGFIELD. DEPT. OF ADULT, VOCATIONAL AND TECHNICAL EDUCATION.; NORTHERN ILLINOIS UNIV., DE KALB.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 76 7BP.; THIS DOCUMENT IS A REVISION AND UPDATE OF "SUGGESTED LEARNINGS: CONSUMER AND HOMEMAKING EDUCATION," 1972.

DESCRIPTORS - \*TEACHING GUIDES; \*CONSUMER EDUCATION; \*HOME ECONOMICS EDUCATION; \*RESOURCE GUIDES; TEACHER DEVELOPED MATERIALS; LEARNING ACTIVITIES; BEHAVIORAL OBJECTIVES

ABSTRACT - THIS TEACHER-DEVELOPED GUIDE WAS DESIGNED AS A RESOURCE FOR TEACHERS TO PLAN PARTICIPATORY AND DISCOVERY LEARNING EXPERIENCES IN CONSUMER AND HOMEMAKING EDUCATION. THE CONTENT WAS SELECTED

FROM LEARNING ACTIVITIES AND EXPERIENCES PROVEN SUCCESSFUL BY STUDENTS IN ILLINOIS CLASSROOMS. THE EMPHASIS IS ON DECISIONMAKING AND ACTION-ORIENTED LEARNING RATHER THAN FACTUAL KNOWLEDGE GATHERING. A COMMUNITY INVOLVEMENT SECTION CARRIES CONSUMER AND HOMEMAKER EDUCATION OUTSIDE THE CLASSROOM TO INCREASE STUDENT AWARENESS OF THE MULTIPLE ROLES THEY WILL ASSUME AS CONSUMERS. THE MAJOR UNITS ARE COMMUNITY INVOLVEMENT; CONSUMER DECISIONMAKING--VALUES AND GOALS; RIGHTS, RESPONSIBILITIES, AND PROTECTIVE ACTIONS; ADVERTISING AND ITS IMPLICATIONS; MANAGING OF BASIC NECESSITIES; DOES CREDIT MEET YOUR NEEDS--TOOL OR CRUTCH?; AND USING DISCRETIONARY TIME PROFITABLY. THE RATIONALE OF EACH SECTION INTRODUCES THE SUBJECT MATTER AND THE BOXED KEY POINTS HELP TO SET THE PHILOSOPHY OF THAT SECTION. SPECIFIC OBJECTIVES ARE STATED AS LEARNER COMPETENCIES FOR EACH ACTIVITY. THE OVERLAPPING SEQUENCES OF SUBJECT MATTER ARE DIVIDED INTO CODED SECTIONS FOR CONVENIENCE. SUGGESTED ACTIVITIES FOR FUTURE HOMEMAKERS OF AMERICA AND HOME ECONOMICS RELATED OCCUPATIONS ORGANIZATIONS ARE INCLUDED IN EVERY SUBJECT SECTION. (NJ)

## VT 103 027

MCCLELLAND, SHARON; DUNKLEMAN, ELEANOR  
MANUAL FOR IMPLEMENTING A NURSING ASSISTANT PROGRAM IN THE COMMUNITY COLLEGE.

DE ANZA COLL., CUPERTINO, CALIF. HEALTH SERVICES EDUCATION COUNCIL, SAN JOSE, CALIF.; HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION (DHEW), BETHESDA, MD. REGIONAL MEDICAL PROGRAMS SERVICE.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. CRMP 5 G03 RM 00019-04  
PUB DATE - ND 80P.

DESCRIPTORS - \*MANUALS; \*GUIDELINES; \*NURSES AIDES; HEALTH OCCUPATIONS EDUCATION; PILOT PROGRAMS; \*COURSE DESCRIPTIONS; POST SECONDARY EDUCATION;

**\*COMMUNITY COLLEGES; COURSE ORGANIZATION; CURRICULUM DEVELOPMENT**

**ABSTRACT - THE MANUAL WAS DEVELOPED FROM A PILOT PROJECT TO PROVIDE COLLEGE EDUCATION FOR NURSING ASSISTANTS TO REPLACE ON-THE-JOB-TRAINING. THE FOLLOWING INFORMATION IS PRESENTED: (1) A DESCRIPTION OF THE PILOT PROJECT, (2) GUIDELINES FOR PERSONS DEVELOPING AND IMPLEMENTING A NURSING ASSISTANT COURSE, (3) AN OUTLINE OF COURSE CONTENT, AND (4) INSTRUCTIONAL MATERIALS USED IN THE COURSE. DURING THE 1973-74 SCHOOL YEAR, THREE 12-WEEK COURSES WERE COMPLETED BY A TOTAL OF 132 STUDENTS. EACH COURSE INVOLVED FOUR HOURS OF CLASSROOM INSTRUCTION AND 12 HOURS OF SUPERVISED CLINICAL EXPERIENCE PER WEEK FOR EIGHT COLLEGE CREDITS. THE COURSE CONTENT WAS ORGANIZED INTO FIVE MODULES: HYGIENE AND MEDICAL ASEPSIS, OBSERVATIONAL SKILLS, BEGINNING COMMUNICATION SKILLS, LONG TERM CARE AND NUTRITIONAL NEEDS, AND DEVELOPMENTAL TASKS. GUIDELINES OFFERED FOR THE IMPLEMENTATION OF SIMILAR COURSES COVER THE RESPONSIBILITIES OF THE ADMINISTRATION, INSTRUCTOR, AND STUDENT. EXTENSIVE APPENDIXES INCLUDE A SUMMARY OF GUIDELINES, COURSE DESCRIPTION, SAMPLE TEACHING OUTLINE AND CLINICAL EVALUATION FORM, COURSE EVALUATION QUESTIONNAIRE, AND RESOURCE LIST OF INSTRUCTIONAL MATERIALS AND EQUIPMENT NEEDED. (RG)**

**VT 103 028**

**SELDEN, WILLIAM  
METRICATION AND SOME IMPLICATIONS FOR BUSINESS EDUCATION.**

**PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - SEP74 16P.**

**DESCRIPTORS - \*METRIC SYSTEM;  
\*BUSINESS EDUCATION; TYPEWRITING;**

**PRACTICAL MATHEMATICS**

**ABSTRACT - THE DOCUMENT PRESENTS A BRIEF EXPLANATION OF THE METRIC SYSTEM, ITS ADVANTAGES, AND RECENT DEVELOPMENTS IN METRIC CONVERSION IN THE UNITED STATES. SUGGESTIONS ARE OFFERED FOR INCORPORATING METRICATION IN BUSINESS MATHEMATICS AND TYPEWRITING, THE TWO COURSES IN BUSINESS EDUCATION THAT WILL BE AFFECTED MOST BY ADOPTION OF THE SYSTEM. (RG)**

**VT 103 029**

**METRICATION OF RECIPES.**

**SOUTH AFRICAN BUREAU OF STANDARDS, PRETORIA. METRICATION DEPT.; HOUSEWIVES' METRICATION COMMITTEE, PRETORIA.; METRICATION COMMITTEE FOR DIETETICS AND HOME ECONOMICS, PRETORIA (SOUTH AFRICA).  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - DEC73 36P.**

**DESCRIPTORS -- \*METRIC SYSTEM;  
\*COOKING INSTRUCTION; HOME ECONOMICS; \*GUIDES; \*AFRIKAANS;  
BILINGUAL EDUCATION; \*ENGLISH**

**ABSTRACT - INTENDED FOR HOUSEWIVES, THE PAMPHLET IS A GUIDE TO USING THE METRIC SYSTEM IN COOKING. IT CONTAINS A DESCRIPTION OF THE USE OF METRIC MEASURING EQUIPMENT, AN EXPLANATION OF SYMBOLS, AND EXAMPLES OF TYPICAL METRIC RECIPES. PROCEDURES FOR CONVERTING "OLD" RECIPES TO METRICATED ONES ARE OFFERED, ALONG WITH SAMPLE RECIPES. DRAWINGS ILLUSTRATE THE TEXT. APPENDED ARE CHARTS SHOWING THE APPROXIMATE MASS IN GRAMS AND VOLUME EQUIVALENTS OF SELECTED RECIPE INGREDIENTS. HALF OF THE DOCUMENT IS THE IDENTICAL GUIDE WRITTEN IN AFRIKAANS. (RG)**

**VT 103 030**

**HINRICH, ROY S., COMP.  
MISSISSIPPI INDUSTRIAL ARTS METRIC 500. INSTRUCTORS MANUAL.**

**MISSISSIPPI STATE UNIV.,  
MISSISSIPPI STATE. RESEARCH AND CURRICULUM UNIT FOR VOCATIONAL AND**

TECHNICAL EDUCATION.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 74 32P.

DESCRIPTORS - \*INDUSTRIAL ARTS; \*METRIC SYSTEM; \*TEACHING GUIDES; \*STUDENT PROJECTS; \*MANUALS

ABSTRACT - THE PURPOSE OF THE MANUAL IS TO PROVIDE INDUSTRIAL ARTS INSTRUCTORS WITH INFORMATION NECESSARY TO INTRODUCE AND TEACH THE METRIC SYSTEM TO THEIR STUDENTS, PARTICULARLY HOW TO MEASURE LINEAR DISTANCES IN METRICS. THE PROJECT AROUND WHICH THE INSTRUCTIONAL UNIT IS BASED IS A MODEL AUTOMOBILE RACER. CALLED THE METRIC 500, THE RACER IS MADE OF SOFTWOOD WITH PLASTIC WHEELS AND IS PROPELLED BY A CARBON DIOXIDE CARTRIDGE. THE FOLLOWING INFORMATION IS INCLUDED IN THE MANUAL: AN INTRODUCTORY SECTION ON METRICATION; A UNIT ON PROPULSION; INSTRUCTIONS FOR ORDERING MATERIALS; RULES, REGULATIONS, AND SAFETY PRECAUTIONS IN CONDUCTING A LOCAL COMPETITION; PREPARING STOCK FOR THE RACER; A CONVERSION TABLE; AND STUDENT MATERIALS. THE SIX-PAGE STUDENT HANDOUT INCLUDES THREE INSTRUCTION SHEETS: (1) AN INFORMATION SHEET ON AUTOMOTIVE TERMINOLOGY, (2) AN ASSIGNMENT SHEET WITH INSTRUCTIONS AND SPECIFICATIONS FOR DESIGNING THE MODEL, AND (3) A PROJECT PLAN OF STEP-BY-STEP PROCEDURES FOR BUILDING THE PROJECT. (AUTHOR/RG)

VT 103 031  
METRIC. CAREER EDUCATION PROGRAM.

SALEM CITY SCHOOLS, N.J.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. CAREER EDUCATION PROJECT, SALEM HIGH SCHOOL, SALEM, NEW JERSEY 08079. (\$1.50 EA.)  
PUB DATE - NO 55P.; PAGES 12 AND 13 CONTAINING AN ARTICLE FROM "NEWSWEEK" AND PAGE 58 CONTAINING A SAMPLE OF DUPLICATION

MATERIALS AVAILABLE ON METRIC CAPACITY WERE COPYRIGHTED AND WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*RESOURCE MATERIALS; \*LEARNING ACTIVITIES; \*ELEMENTARY SECONDARY EDUCATION; \*METRIC SYSTEM; \*INSTRUCTIONAL MATERIALS

ABSTRACT - THE PUBLICATION IS A COMPILATION OF INSTRUCTIONAL MATERIALS TO ASSIST TEACHERS AND STUDENTS IN LEARNING ABOUT THE METRIC SYSTEM. CONTENTS ARE ORGANIZED INTO FOUR COLOR-CODED SECTIONS CONTAINING THE FOLLOWING: (1) BACKGROUND AND REFERENCE MATERIALS FOR THE TEACHER, INCLUDING A LIST OF AVAILABLE MEDIA AND A CONVERSION CHART; (2) METRIC ACTIVITIES FOR PRIMARY GRADES; (3) METRIC ACTIVITIES FOR THE MIDDLE SCHOOL; AND (4) METRIC ACTIVITIES FOR HIGH SCHOOLS. OVER 12 ACTIVITIES ARE INCLUDED IN EACH OF THE SECTIONS AND CAN BE ADAPTED FOR OTHER INSTRUCTIONAL LEVELS. SAMPLE ACTIVITIES ARE MAKING A LITER CONTAINER, TREASURE HUNTS, MAP SKILLS, SHOPPING, AND BAKING. THE ACTIVITIES VARY IN FORMAT BUT GENERALLY INCLUDE A LIST OF MATERIALS AND PROCEDURES. (RG)

VT 103 032  
BIELEFELD, CAROLE, COMP.  
A METRIC WORKBOOK FOR TEACHERS OF CONSUMER AND HOMEMAKING EDUCATION.

ORANGE COUNTY DEPT. OF EDUCATION, SANTA ANA, CALIF.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. CAROLE BIELEFELD, ORANGE COUNTY DEPARTMENT OF EDUCATION, P.O. BOX 11846, SANTA ANA, CALIFORNIA 92711. (\$1.50 EA.)  
PUB DATE - JUL74 107P.

DESCRIPTORS - \*METRIC SYSTEM; \*TEACHING GUIDES; \*CONSUMER EDUCATION; \*HOMEMAKING EDUCATION; \*TRANSPARENCIES; LEARNING ACTIVITIES; HOME MANAGEMENT

ABSTRACT -- THE TEACHING GUIDE FOR PROVIDING INSTRUCTION IN USE OF THE

METRIC SYSTEM CONTAINS MATERIALS GEARED FOR THE DAILY ACTIVITIES OF THE HOME. CONTENTS OF THE GUIDE ARE ORGANIZED INTO FOUR PARTS. PART I IS A BRIEF DESCRIPTION OF THE HISTORY OF THE METRIC SYSTEM AND REASONS FOR CONVERSION IN THE UNITED STATES. THE MAJOR PORTION OF THE GUIDE, PART II, IS A TRANSPARENCY PRESENTATION WITH NARRATION, "LEARNING THE METRIC SYSTEM OF MEASUREMENT." THE SCRIPT CONSISTS OF 72 TRANSPARENCY MINIATURES WITH THE ACCOMPANYING NARRATION, FOLLOWED BY THE NUMBERED TRANSPARENCY MASTERS FOR PREPARATION BY THE INSTRUCTOR. PART III CONTAINS EIGHT LEARNING ACTIVITIES AND A POSTTEST UTILIZED AT A TEACHER WORKSHOP. THE TOPICS INCLUDE BODY MEASUREMENTS, VOLUME, WEIGHING FOOD, AND TEMPERATURE. THE REFERENCE MATERIALS IN PART IV ARE: (1) GLOSSARY AND ANNOTATIONS, (2) SUGGESTED CLASSROOM ACTIVITIES, (3) CONVERSION CHARTS AND OTHER REFERENCES, (4) SOURCES OF METRIC SUPPLIES, AND (5) A BIBLIOGRAPHY. (RG)

**VT 103 033**

TEACHER-DEVELOPED CURRICULUM MODULES FROM SELECTED REGIONS OF TEXAS COMBINING BASIC LEARNER OUTCOMES FOR CAREER EDUCATION AND EXISTING CURRICULUM IN GRADES 9 THROUGH 12.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF CAREER EDUCATION.; PARTNERS IN CAREER EDUCATION, ARLINGTON, TEX.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 76 100P.; RELATED DOCUMENT VT 103 034 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES; \*CAREER EDUCATION; \*SECONDARY EDUCATION; TEACHER DEVELOPED MATERIALS; BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES IDENTIFIERS - TEXAS

ABSTRACT - THE CURRICULUM IDEAS CONTAINED IN THESE MODULES WERE GENERATED IN TEACHER WORKSHOPS CONDUCTED BY PARTNERS IN CAREER

EDUCATION AS PART OF A PROJECT IN THE DEVELOPMENT OF A LEARNING SYSTEM BY THE SCHOOL DISTRICTS OF THE FORT WORTH-DALLAS AREA. THE LEARNING MODULES ARE TEACHER-DEVELOPED DESCRIPTIONS OF STUDENT ACTIVITIES BASED UPON SMALL SEGMENTS OF CURRICULUM AND A LEARNER OUTCOME FOR CAREER EDUCATION. EACH OF THE LEARNER OUTCOMES HAS BEEN PLACED IN A TABLE TO SHOW ITS RELATIONSHIP TO THE TOTAL SCHOOL PROGRAM. THIS SCOPE AND SEQUENCE INFORMATION HAS BEEN OUTLINED IN THE PUBLICATION, "MATRIX OF BASIC LEARNER OUTCOMES FOR CAREER EDUCATION." EACH LEARNING MODULE IN THIS CURRICULUM GUIDE IS PRECEDED BY A MATRIX PAGE WHICH INCLUDES GRADE LEVELS AND SUBJECT AREAS DEEMED APPROPRIATE FOR AN OUTCOME. THE MODULES ARE ARRANGED ACCORDING TO GRADE LEVEL (9-12) AND ARE KEYED BY NUMERICAL CODING TO LEARNER OUTCOMES. EACH MODULE INCLUDES LEARNER OUTCOME, BEHAVIORAL OBJECTIVE, CURRICULUM CONTENT, ACTIVITIES, RESOURCES, AND EVALUATION. (NJ)

**VT 103 034**

BASIC LEARNER OUTCOMES FOR CAREER EDUCATION.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF PROGRAM PLANNING AND NEEDS ASSESSMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 73 26P.; RELATED DOCUMENT VT 103 033 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*BEHAVIORAL OBJECTIVES; \*SECONDARY EDUCATION; STATE SURVEYS IDENTIFIERS - TEXAS

ABSTRACT - THIS PUBLICATION REPORTS THE RESULTS OF A STATEWIDE SURVEY TO DETERMINE WHAT TEXANS BELIEVED STUDENT DEVELOPMENT SHOULD BE IN TERMS OF CAREER EDUCATION. A LISTING OF 300 STUDENT CHARACTERISTICS OR OUTCOMES DESIRABLE IN THE VOCATIONALLY MATURE 17-YEAR OLD WAS SUBMITTED TO STUDENTS, PARENTS, EDUCATORS, AND REPRESENTATIVES OF BUSINESS AND

INDUSTRY FOR REVIEW. FROM THESE 300 OUTCOMES, 177 WERE IDENTIFIED AS BASIC. THESE BASIC OUTCOMES WERE SORTED INTO NINE CATEGORIES: CAREER PLANNING AND DECISIONMAKING, CAREER AND OCCUPATIONAL INFORMATION, JOB ACQUISITION AND RETENTION, ATTITUDES AND APPRECIATION FOR CAREER SUCCESS, SKILLS IN HUMAN RELATIONSHIPS FOR CAREERS, SELF-INVESTIGATION AND EVALUATION FOR CAREER SUCCESS, PERSONAL/WORK/SOCIETAL RESPONSIBILITIES, ECONOMIC FACTORS INFLUENCING CAREER OPPORTUNITY, AND EDUCATION/CAREER OPPORTUNITY RELATIONSHIPS. THIS PUBLICATION LISTS EACH OF THE 177 BASIC OUTCOMES UNDER ONE OF THE NINE CATEGORIES. (NJ)

VT 103 035  
HOW TO TEACH METRIC NOW.

WORCESTER PUBLIC SCHOOLS, MASS.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 79P.; PAGE 30 CONTAINING A COPYRIGHTED ARTICLE FROM THE MAGAZINE "GRADE TEACHER" WAS REMOVED. IT IS NOT INCLUDED IN THE PAGINATION. PAGE 29 WAS XEROXED AT THE CENTER FOR VOCATIONAL EDUCATION, THE OHIO STATE UNIVERSITY BECAUSE OF COPYRIGHTED MATERIAL ON THE REVERSE SIDE.

DESCRIPTORS - \*METRIC SYSTEM;  
\*CURRICULUM GUIDES; \*LEARNING ACTIVITIES; \*RESOURCE MATERIALS;  
\*ELEMENTARY EDUCATION; SECONDARY EDUCATION

ABSTRACT - THE CURRICULUM GUIDE FOR GRADES K-6 WAS PREPARED TO ASSIST TEACHERS AND STUDENTS IN LEARNING ABOUT THE METRIC SYSTEM. AN INTRODUCTORY SECTION PRESENTS A BRIEF HISTORY OF THE METRIC SYSTEM AND THE RATIONALE FOR INTRODUCING IT INTO THE SCHOOLS. INSTRUCTIONAL OBJECTIVES AND SUGGESTED LEARNING ACTIVITIES ARE PRESENTED FOR EACH GRADE LEVEL. THE ACTIVITIES VARY IN FORMAT, AND SOMETIMES INCLUDE OBJECTIVES AND FOLLOWUP AS WELL AS MATERIALS REQUIRED AND PROCEDURES. SAMPLE ACTIVITIES INCLUDE USING

MEASURING WHEELS; WEIGHING SNOW; USING SCALES, BAR GRAPHS, AND THE CELSIUS THERMOMETER; AND CONSTRUCTING A QUADRATE OUT OF DOORS. A SHORT SECTION ILLUSTRATES HOW THE METRIC SYSTEM CAN BE TAUGHT AT THE JUNIOR AND SENIOR HIGH LEVELS. BACKGROUND AND REFERENCE MATERIALS FOR THE TEACHER IN THE INTERMEDIATE GRADES ARE PROVIDED AND INCLUDE TABLES, CHARTS, AND CONVERSION DATA. A LIST OF REFERENCES USED IN PREPARING THE GUIDE IS APPENDED. (RG)

VT 103 036  
BIBLIOGRAPHY ON THE METRIC SYSTEM. INSTRUCTIONAL MATERIALS.

WAYNE TOWNSHIP METROPOLITAN SCHOOL DISTRICT, INDIANAPOLIS, IND.; INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS. DIV. OF INSTRUCTIONAL MEDIA.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - JAN74 34P.

DESCRIPTORS - \*METRIC SYSTEM;  
\*INSTRUCTIONAL MATERIALS;  
\*BIBLIOGRAPHIES; \*INSTRUCTIONAL MEDIA; ELEMENTARY SECONDARY EDUCATION; POST SECONDARY EDUCATION

ABSTRACT - COVERING ALL GRADE LEVELS, THE BIBLIOGRAPHY HAS BEEN COMPILED TO SERVE AS A GUIDE TO SCHOOL DISTRICTS CONSIDERING THE PURCHASE OF INSTRUCTIONAL MATERIALS ON THE METRIC SYSTEM. THE MATERIALS ARE LISTED ALPHABETICALLY BY TYPE IN THE FOLLOWING ORDER: CHARTS, FILMS, FILMSTRIPS, GAMES, KITS, POSTERS, RECORDINGS, SLIDES, TRANSPARENCIES, MISCELLANEOUS ITEMS, PRINTED MATERIALS, AND UNITED STATES GOVERNMENT DOCUMENTS. INFORMATION ABOUT EACH ITEM INCLUDES THE TITLE, SOURCE, PRICE, AND FREQUENTLY THE GRADE LEVEL AND A BRIEF DESCRIPTION OF THE CONTENT. THE ADDRESSES OF THE PRODUCERS AND PUBLISHERS ARE INCLUDED. (RG)

VT 103 037  
SECONDARY MATH ACTIVITIES OF THE NORTH DAKOTA EXEMPLARY PROJECT IN CAREER EDUCATION.

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. OEG-0-70-4752(361)  
PUB DATE - 30JUN73 158P.; PAGES 29, 30, AND 33 THROUGH 35 CONTAINING COPYRIGHTED ILLUSTRATIONS OF MATHEMATICAL PRINCIPLES WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*MATHEMATICS; \*CAREER EDUCATION; \*SECONDARY EDUCATION; \*CURRICULUM GUIDES; \*LEARNING ACTIVITIES; TEACHING GUIDES; BEHAVIORAL OBJECTIVES; DEVELOPMENTAL PROGRAMS

ABSTRACT - THE MATHEMATICS CURRICULUM MATERIALS IN THIS GUIDE WERE COMPILED BY THE STAFF OF NORTH DAKOTA'S EXEMPLARY CAREER EDUCATION PROGRAM AS IDEAS TO BE INTEGRATED INTO EXISTING CURRICULUMS TO HELP MEET THE OBJECTIVES OF A CAREER EDUCATION PROGRAM. THE GUIDE IS ORGANIZED AROUND 16 MAJOR OBJECTIVES. TO ACHIEVE THESE OBJECTIVES THE ACTIVITIES INCLUDE EXPECTED STUDENT BEHAVIOR AND SUGGESTED LEARNING EXPERIENCES. THE MATHEMATICS LEARNING ACTIVITIES ARE ORGANIZED AS THEY RELATE TO THE ELEMENTS OF A CAREER EDUCATION PROGRAM, SELF-AWARENESS, CAREER AWARENESS, APPRECIATIONS AND ATTITUDES, ECONOMIC AWARENESS, AND EDUCATIONAL AWARENESS. AN INTRODUCTORY SECTION DESCRIBES THE PURPOSE OF THE GUIDE, DEFINES CAREER EDUCATION, PRESENTS THE 16 SPECIFIC OBJECTIVES, SUMMARIZES CAREER EDUCATION OBJECTIVES, AND OFFERS A RATIONALE FOR CAREER EDUCATION. THE MAJOR PORTION OF THE GUIDE (123 PAGES) CONSISTS OF THE LEARNING ACTIVITIES WHICH INCLUDE BROAD OBJECTIVE, BEHAVIORAL OBJECTIVE, ACTIVITIES, SUGGESTED TECHNIQUES, AND RESOURCE MATERIALS. APPENDIXES CONTAIN A GUIDELINE FOR INDIVIDUAL RESEARCH STUDY OF AN OCCUPATION, PERSONAL DATA SHEET,

OCCUPATIONAL CLUSTERS FOR MATH, GUIDELINE FOR RESOURCE PEOPLE, GUIDELINE FOR FIELD TRIPS, AND ADDRESSES OF SUPPLIERS OF RESOURCE MATERIALS. (NJ)

VT 103 038  
RITCH, ROGER W.  
GUIDANCE PRODUCTS 1 AND 2. WORKSHOP MANUAL-CAREER INFORMATION CENTERS AND DICTIONARY OF OCCUPATIONAL TITLES.

MASSACHUSETTS STATE DEPT. OF EDUCATION, BOSTON. DIV. OF OCCUPATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - MAY73 51P.; RELATED DOCUMENTS VT 103 175 THROUGH VT 103 178 AND VT 103 039 IN THIS ISSUE.

DESCRIPTORS - \*INFORMATION CENTERS; \*OCCUPATIONAL INFORMATION; \*RESOURCE CENTERS; \*GUIDES; \*MANUALS; GUIDELINES; LIBRARY TECHNICAL PROCESSES; RESOURCE MATERIALS  
IDENTIFIERS - \*PROJECT CAREER

ABSTRACT - THE TWO DOCUMENTS ARE PRODUCTS OF THE PROJECT CAREER GUIDANCE COMPONENT. DEVELOPED FOR A WORKSHOP WITH PILOT SCHOOL PERSONNEL, PRODUCT ONE (30 PAGES) IS A MANUAL FOR ESTABLISHING A CENTER TO HOUSE INFORMATIVE JOB AND CAREER MATERIALS FOR STUDENTS. THE INFORMATION PRESENTED INCLUDES: FUNCTION OF THE CENTER, MINIMUM PHYSICAL AND PERSONNEL REQUIREMENTS, BASIC INFORMATION RESOURCES, A LIST OF 105 SUBJECT HEADINGS FOR A SUPPLEMENTARY FILE OF RELATED MATERIALS, SUGGESTED ACTIVITIES, AND PROCEDURES FOR ACQUIRING, CLASSIFYING, STORING, AND RETRIEVING THE MATERIALS. ALL PURELY OCCUPATIONAL MATERIALS ARE CLASSIFIED ACCORDING TO THE "DICTIONARY OF OCCUPATIONAL TITLES" (DOT) CODING SYSTEM. SAMPLE CATALOG CARDS AND LETTERS REQUESTING MATERIALS ARE APPENDED. PRODUCT TWO (21 PAGES) IS A MANUAL DESIGNED TO

ASSIST EDUCATORS IN UNDERSTANDING AND EFFECTIVELY USING DOT: THE MANUAL IS ESSENTIALLY A WORKBOOK OF EXERCISES IN DOT UTILIZATION. MATERIALS EXCERPTED FROM APPENDIX A AND B OF DOT, VOLUME II, ARE APPENDED. (AUTHOR/RG)

**VT 103 039**

CHRISTIANO, THOMAS  
GUIDANCE PRODUCTS 6 AND 4.  
INSTRUCTIONS FOR THE DEVELOPMENT OF CAREER PREPARATION ANALYSIS CHARTS (CAREEROGRAMS). CAREEROGRAMS FOR PROJECT CAREER'S 122 OCCUPATIONS.

MASSACHUSETTS STATE DEPT. OF EDUCATION, BOSTON. DIV. OF OCCUPATIONAL EDUCATION.  
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - DEC74 153P.; RELATED DOCUMENTS VT 103 175 THROUGH VT 103 178 AND VT 103 038 IN THIS ISSUE.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*CHARTS; \*MANUALS; \*RESOURCE MATERIALS; CAREERS; \*JOB ANALYSIS; OCCUPATIONAL GUIDANCE; ADULTS; SECONDARY EDUCATION IDENTIFIERS - \*PROJECT CAREER

ABSTRACT - THE TWO DOCUMENTS ARE PRODUCTS OF THE PROJECT CAREER GUIDANCE COMPONENT. THEIR SUBJECT IS THE CAREER PREPARATION ANALYSIS CHART, OR CAREEROGRAM, A VISUAL DEVICE WHICH SYNTHESIZES INFORMATION CONTAINED IN THE "DICTIONARY OF OCCUPATIONAL TITLES" (DOT) AND THE "OCCUPATIONAL OUTLOOK HANDBOOK." DESIGNED FOR USE BY COUNSELORS OF HIGH SCHOOL STUDENTS OR ADULTS, THE CAREEROGRAM PRESENTS THE ABSTRACTED INFORMATION IN THE GRAPHIC FORM OF A CHART. ADVANTAGES OF THE CAREEROGRAM ARE SPEED OF DELIVERY, ADAPTABILITY TO LOCAL GEOGRAPHIC AREAS, UPDATING CAPABILITIES, AND FLEXIBILITY OF FORMAT ALLOWING FOR ARRANGEMENT BY CAREER CLUSTERS. DATA IS ENTERED ON THE CHART FOR 19 CATEGORIES. THESE INCLUDE JOB TITLE, DEFINITION, HOURS, AVERAGE EARNINGS, TOTAL

EDUCATION AND TRAINING REQUIREMENTS, HIGH SCHOOL COURSES OF STUDY, APTITUDES, PHYSICAL DEMANDS, INTERESTS, AND TEMPERAMENT. PRODUCT SIX (13 PAGES) PRESENTS DETAILED INSTRUCTIONS FOR PREPARING THE CAREEROGRAM IN A STEP-BY-STEP PROCEDURE. A SAMPLE BLANK CHART AND EXCERPTED MATERIAL FROM DOT ARE APPENDED. PRODUCT FOUR (141 PAGES) IS A COMPILATION OF CAREEROGRAMS FOR PROJECT CAREER'S 122 OCCUPATIONS. THE CHARTS ARE ARRANGED IN 14 OCCUPATIONAL CLUSTERS. (AUTHOR/RG)

**VT 103 040**

DAY, GERALD F.; TUCKER, JOHN  
CARPENTRY PERFORMANCE OBJECTIVES.

MARYLAND STATE DEPT. OF EDUCATION, BALTIMORE. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 76 46P.

DESCRIPTORS - \*BEHAVIORAL OBJECTIVES; \*CARPENTERS; \*TEACHING GUIDES; CONSTRUCTION INDUSTRY; \*PERFORMANCE BASED EDUCATION; VOCATIONAL EDUCATION

ABSTRACT - THIS GUIDE CONSISTS PRIMARILY OF PERFORMANCE OBJECTIVES REPRESENTING MINIMUM SKILLS NECESSARY TO GAIN JOB ENTRY IN THE FIELD OF CARPENTRY AS A CONSTRUCTION CARPENTER. THE PERFORMANCE OBJECTIVES, DESCRIPTIONS OF WHAT THE INDIVIDUAL SHOULD BE ABLE TO DO UPON COMPLETION OF THE PROGRAM, SPECIFIES THE CONDITIONS, THE EXPECTED BEHAVIOR, AND THE CRITERION LEVEL. THESE OBJECTIVES ENCOMPASS LEARNING OUTCOMES FOR AN ENTIRE TRAINING PROGRAM AND ARE GUIDELINES INTENDED TO BE FLEXIBLE ENOUGH TO FIT THE SPECIFIC ENVIRONMENT OF THE USER. NO MANDATORY SEQUENCE IS REFLECTED. THE CARPENTRY PERFORMANCE OBJECTIVES ARE ORGANIZED ACCORDING TO THE FOLLOWING TOPICS: PRECONSTRUCTION OPERATIONS; TOOLS AND EQUIPMENT; FOOTING, FOUNDATION, AND CONCRETE FORMS; FLOOR FRAMING;

WALL FRAMING; ROOF FRAMING; WOODEN AND METAL SCAFFOLDS; EXTERIOR FINISH; INSULATION AND VAPOR BARRIERS; AND INTERIOR FINISH. (NJ)

VT 103 041

PERFORMANCE OBJECTIVES: A SELF-INSTRUCTIONAL BOOKLET.

TEXAS EDUCATION AGENCY, AUSTIN. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - JUN75 54P.

DESCRIPTORS - \*BEHAVIORAL OBJECTIVES; \*PROGRAMED INSTRUCTION; \*PROGRAMED TEXTS; \*PERFORMANCE BASED EDUCATION

ABSTRACT - THE PURPOSE OF THIS SELF-INSTRUCTIONAL BOOKLET IS TO HELP THE READER LEARN HOW TO WRITE PERFORMANCE OBJECTIVES. EACH PAGE CONTAINS EITHER INFORMATION OR A QUESTION WHICH IS ANSWERED ON THE FOLLOWING PAGE. AFTER COMPLETING THE BOOKLET THE LEARNER IS EXPECTED TO BE ABLE TO WRITE FOUR CHARACTERISTICS OF PERFORMANCE OBJECTIVES, SELECT THE PERFORMANCE OBJECTIVES FROM A LIST OF OBJECTIVES, AND WRITE TWO OBJECTIVES WHICH INCLUDE THE FOUR CHARACTERISTICS OUTLINED IN THIS BOOKLET. (NJ)

VT 103 042

INDUSTRIAL ENGINEERING TECHNOLOGY. MODULE NO. 2. THE INDUSTRIAL ENVIRONMENT.

MORAIN VALLEY COMMUNITY COLL., PALOS HILLS, ILL. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - ND 79P.; RELATED DOCUMENTS VT 103 042 THROUGH VT 103 047 AND VT 103 197 IN THIS ISSUE.

DESCRIPTORS - \*STUDY GUIDES; WORKBOOKS; \*COMMUNITY COLLEGES; \*INTEGRATED CURRICULUM; POST SECONDARY EDUCATION; \*INDUSTRIAL EDUCATION; INDEPENDENT STUDY; MANUFACTURING; MATHEMATICS; INDUSTRIAL STRUCTURE; PERFORMANCE BASED EDUCATION

ABSTRACT - THE STUDY GUIDE IS ONE OF SEVEN DEVELOPED FOR A SELF-PACING, INDEPENDENT STUDY PROGRAM IN INDUSTRIAL ENGINEERING TECHNOLOGY AT THE JUNIOR COLLEGE LEVEL BASED ON MEASURABLE BEHAVIORAL OBJECTIVES. THE PURPOSE OF THE SECOND MODULE IS TO PROVIDE AN OVERVIEW OF HOW INDUSTRY IS ORGANIZED AND HOW IT OPERATES AND SOME INSIGHT ON BUSINESS AND INDUSTRY DECISIONMAKING. THE 34 BEHAVIORAL OBJECTIVES IN THE GUIDE ARE GROUPED INTO THE FOLLOWING MAJOR TOPICS: INDUSTRIAL ORGANIZATIONS, BUSINESS DECISIONS, AND BASIC MANUFACTURING PROCESSES. SAMPLE OBJECTIVES FROM EACH OF THE THREE TOPICS ARE: ORGANIZATION FUNCTIONS, GRAPHIC SOLUTIONS TO LINEAR EQUATIONS, AND CRYSTAL STRUCTURES. FOR EACH OBJECTIVE, THE SUBJECT, PERFORMANCE EXPECTATION, AND REQUIRED INSTRUCTIONAL MATERIALS ARE PRESENTED, ALONG WITH BLANK SPACE FOR STUDENT NOTES. PRACTICE PROBLEMS AND/OR HANDOUTS ARE FREQUENTLY INCLUDED. EACH OBJECTIVE IS ASSIGNED A FRACTION OF A CREDIT, WHICH WILL BE RECEIVED UPON SUCCESSFUL COMPLETION OF A TEST PROVIDED BY PROGRAM STAFF. COMPLETION OF THE MODULE IS EQUIVALENT TO SIX CREDITS. (RG)

VT 103 043

INDUSTRIAL ENGINEERING TECHNOLOGY. MODULE NO. 3. METHODS AND MEASUREMENT.

MORAIN VALLEY COMMUNITY COLL., PALOS HILLS, ILL. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - ND 126P.; RELATED DOCUMENTS VT 103 042 THROUGH VT 103 047 AND VT 103 197 IN THIS ISSUE.

DESCRIPTORS - \*STUDY GUIDES; WORKBOOKS; \*COMMUNITY COLLEGES; \*INTEGRATED CURRICULUM; POST SECONDARY EDUCATION; \*OPERATIONS RESEARCH; \*INDUSTRIAL EDUCATION; INDEPENDENT STUDY; PERFORMANCE BASED EDUCATION

ABSTRACT - THE STUDY GUIDE IS THE THIRD OF SEVEN DEVELOPED FOR A SELF-PACING, INDEPENDENT STUDY PROGRAM IN INDUSTRIAL ENGINEERING TECHNOLOGY AT THE COMMUNITY COLLEGE LEVEL BASED ON MEASURABLE BEHAVIORAL OBJECTIVES. THE THREE CONCEPTS COVERED IN THE THIRD MODULE ARE ANALYZING OPERATIONS, MEASURING WORK, AND REPORTING RESULTS. THE 36 BEHAVIORAL OBJECTIVES IN THE GUIDE ARE GROUPED INTO THE FOLLOWING MAJOR TOPICS: OPERATIONS ANALYSIS, MOTION STUDY, WORK SAMPLING, TIME STUDY, METHODS-TIME-MEASUREMENT, AND COST ANALYSIS. SAMPLE OBJECTIVES FROM THE FIRST THREE TOPICS ARE: FLOW PROCESS CHARTS, JOB ANALYSIS, AND ANALYZING STATISTICAL DATA. FOR EACH OBJECTIVE, THE SUBJECT, PERFORMANCE EXPECTATION, AND REQUIRED INSTRUCTIONAL MATERIALS ARE PRESENTED, ALONG WITH BLANK SPACE FOR STUDENT NOTES. PRACTICE PROBLEMS AND/OR HANDOUTS ARE FREQUENTLY INCLUDED. EACH OBJECTIVE IS ASSIGNED A FRACTION OF A CREDIT, WHICH WILL BE RECEIVED UPON SUCCESSFUL COMPLETION OF A TEST PROVIDED BY PROGRAM STAFF. COMPLETION OF THE MODULE IS EQUIVALENT TO 16 CREDITS. COMPLETION OF MODULES ONE, TWO, AND THREE WILL ENABLE THE STUDENT TO APPLY FOR A METHODS STUDY CERTIFICATE AND EXIT TO AN ENTRY-LEVEL JOB IN INDUSTRY. (RG)

**VT 103 044**

INDUSTRIAL ENGINEERING TECHNOLOGY.  
MODULE NO. 4. PRODUCTION PLANNING  
AND CONTROL.

MORAIN VALLEY COMMUNITY COLL.,  
PALOS HILLS, ILL.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 90P.;  
RELATED DOCUMENTS VT 103 042  
THROUGH VT 103 047 AND VT 103 197  
IN THIS ISSUE.

DESCRIPTORS - \*STUDY GUIDES;  
WORKBOOKS; \*COMMUNITY COLLEGES;  
INDEPENDENT STUDY; \*INTEGRATED  
CURRICULUM; POST SECONDARY  
EDUCATION; \*INDUSTRIAL EDUCATION;

COSTS; BUDGETS; QUALITY CONTROL;  
PLANNING; PERFORMANCE BASED  
EDUCATION

ABSTRACT - THE STUDY GUIDE IS THE FOURTH OF SEVEN DEVELOPED FOR A SELF-PACING, INDEPENDENT STUDY PROGRAM IN INDUSTRIAL ENGINEERING TECHNOLOGY AT THE COMMUNITY COLLEGE LEVEL BASED ON MEASURABLE BEHAVIORAL OBJECTIVES. THE 33 BEHAVIORAL OBJECTIVES IN THE GUIDE ARE GROUPED INTO THE FOLLOWING MAJOR TOPICS: PRODUCTION CONTROL, INVENTORY CONTROL, QUALITY CONTROL, AND COST AND BUDGET CONTROL. SAMPLE OBJECTIVES FROM EACH OF THE FOUR TOPICS ARE: PRODUCTION PLANNING DESIGN, INVENTORY COSTS, ACCEPTANCE SAMPLING, AND BUDGET VARIANCE ANALYSIS. FOR EACH OBJECTIVE, THE SUBJECT, PERFORMANCE EXPECTATION, AND REQUIRED INSTRUCTIONAL MATERIALS ARE PRESENTED, ALONG WITH BLANK SPACE FOR STUDENT NOTES. STUDY QUESTIONS, PRACTICE PROBLEMS, AND/OR HANDOUTS ARE FREQUENTLY INCLUDED. EACH OBJECTIVE IS ASSIGNED A FRACTION OF A CREDIT, WHICH WILL BE RECEIVED UPON SUCCESSFUL COMPLETION OF A TEST PROVIDED BY PROGRAM STAFF. COMPLETION OF THE MODULE IS EQUIVALENT TO 16 CREDITS. COMPLETION OF MODULES ONE, TWO, AND FOUR WILL ENABLE THE STUDENT TO APPLY FOR A PRODUCTION PLANNING CERTIFICATE AND EXIT TO AN ENTRY-LEVEL JOB IN INDUSTRY. (RG)

**VT 103 045**

INDUSTRIAL ENGINEERING TECHNOLOGY.  
MODULE NO. 5. FACILITIES PLANNING.

MORAIN VALLEY COMMUNITY COLL.,  
PALOS HILLS, ILL.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 63P.;  
RELATED DOCUMENTS VT 103 042  
THROUGH VT 103 047 AND VT 103 197  
IN THIS ISSUE.

DESCRIPTORS - \*STUDY GUIDES;  
WORKBOOKS; \*COMMUNITY COLLEGES;  
POST SECONDARY EDUCATION; \*FACILITY  
PLANNING; \*INDUSTRIAL EDUCATION;  
\*TECHNICAL EDUCATION; INDEPENDENT

STUDY; INTEGRATED CURRICULUM;  
PERFORMANCE BASED EDUCATION

ABSTRACT - THE STUDY GUIDE IS THE FIFTH OF SEVEN DEVELOPED FOR A SELF-PACING, INDEPENDENT STUDY PROGRAM IN INDUSTRIAL ENGINEERING TECHNOLOGY AT THE COMMUNITY COLLEGE LEVEL BASED ON MEASURABLE BEHAVIORAL OBJECTIVES. THE MODULE WAS DESIGNED TO PRESENT THE PRINCIPLES OF THE INDUSTRIAL ENGINEERING FUNCTION, AS WELL AS TO IMPART SOME BASIC UNDERSTANDING TO THE OTHER EXPERTS INVOLVED IN FACILITIES PLANNING. THE 32 BEHAVIORAL OBJECTIVES IN THE GUIDE ARE GROUPED INTO THE FOLLOWING MAJOR TOPICS: PLANT LOCATION, PLANT LAYOUT, UTILITIES AND MAINTENANCE, AND MATERIAL HANDLING. SAMPLE OBJECTIVES FROM EACH OF THE FOUR TOPICS ARE: LOGIC IN SITE SELECTION, HUMAN FACTORS DESIGN, PLANT SAFETY PROGRAMS, AND PLANT CONSTRUCTION COST ESTIMATING. PRACTICE PROBLEMS AND/OR HANDOUTS ARE FREQUENTLY INCLUDED. EACH OBJECTIVE IS ASSIGNED A FRACTION OF A TEST PROVIDED BY PROGRAM STAFF. COMPLETION OF THE MODULE IS EQUIVALENT TO 13.75 CREDITS. COMPLETION OF MODULES ONE, TWO, AND FIVE WILL ENABLE THE STUDENT TO APPLY FOR A FACILITIES PLANNING CERTIFICATE AND EXIT TO AN ENTRY-LEVEL JOB IN INDUSTRY. (RG)

VT 103 046  
INDUSTRIAL ENGINEERING TECHNOLOGY.  
MODULE NO. 6. INDUSTRIAL RELATIONS.

MORAIN VALLEY COMMUNITY COLL.,  
PALOS HILLS, ILL.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 66P.;  
RELATED DOCUMENTS VT 103 042  
THROUGH VT 103 047 AND VT 103 197  
IN THIS ISSUE.

DESCRIPTORS - \*STUDY GUIDES;  
WORKBOOKS; \*COMMUNITY COLLEGES;  
\*INTEGRATED CURRICULUM; \*INDUSTRIAL  
EDUCATION; \*INDUSTRIAL RELATIONS;  
WAGES; LABOR LEGISLATION;  
INDEPENDENT STUDY; LABOR UNIONS;  
MANAGEMENT; PERFORMANCE BASED

EDUCATION; POST SECONDARY EDUCATION

ABSTRACT - THE STUDY GUIDE IS THE SIXTH OF SEVEN DEVELOPED FOR A SELF-PACING, INDEPENDENT STUDY PROGRAM IN INDUSTRIAL ENGINEERING TECHNOLOGY AT THE COMMUNITY COLLEGE LEVEL BASED ON MEASURABLE BEHAVIORAL OBJECTIVES. THE 20 BEHAVIORAL OBJECTIVES IN THE GUIDE ARE GROUPED INTO THE FOLLOWING MAJOR TOPICS: UNION-MANAGEMENT RELATIONS, WAGE AND SALARY ADMINISTRATION, AND MANAGEMENT TECHNIQUES. SAMPLE OBJECTIVES FROM EACH OF THE THREE TOPICS ARE: GRIEVANCE PROCEDURE, ORAL REPORTS, AND MANAGEMENT BY OBJECTIVES. FOR EACH OBJECTIVE, THE SUBJECT, PERFORMANCE EXPECTATION, AND REQUIRED INSTRUCTIONAL MATERIALS ARE PRESENTED, ALONG WITH BLANK SPACE FOR STUDENT NOTES. INFORMATIONAL HANDOUTS ON LABOR LEGISLATION, COLLECTIVE BARGAINING, GRIEVANCE PROCEDURE, WAGE AND SALARY INCENTIVES, AND OTHER RELEVANT SUBJECTS ARE FREQUENTLY INCLUDED. EACH OBJECTIVE IS ASSIGNED A FRACTION OF A CREDIT, WHICH WILL BE RECEIVED UPON SUCCESSFUL COMPLETION OF A TEST PROVIDED BY PROGRAM STAFF. COMPLETION OF THE MODULE IS EQUIVALENT TO 6 CREDITS. (RG)

VT 103 047  
INDUSTRIAL ENGINEERING TECHNOLOGY.  
MODULE NO. 7. ADVANCED TOPICS.

MORAIN VALLEY COMMUNITY COLL.,  
PALOS HILLS, ILL.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
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RELATED DOCUMENTS VT 103 042  
THROUGH VT 103 047 AND VT 103 197  
IN THIS ISSUE.

DESCRIPTORS - \*STUDY GUIDES;  
WORKBOOKS; \*COMMUNITY COLLEGES;  
\*INDUSTRIAL EDUCATION; INDEPENDENT  
STUDY; PROGRAMING; BUSINESS  
RESPONSIBILITY; \*INTEGRATED  
CURRICULUM; PERFORMANCE BASED  
EDUCATION; POST SECONDARY EDUCATION

ABSTRACT - THE STUDY GUIDE IS THE

SEVENTH OF SEVEN DEVELOPED FOR A SELF-PACING, INDEPENDENT STUDY PROGRAM IN INDUSTRIAL ENGINEERING TECHNOLOGY AT THE COMMUNITY COLLEGE LEVEL BASED ON MEASURABLE BEHAVIORAL OBJECTIVES. THE 19 BEHAVIORAL OBJECTIVES IN THE GUIDE ARE GROUPED INTO THE FOLLOWING MAJOR TOPICS: MANAGEMENT SCIENCE APPLICATIONS, SOCIAL RESPONSIBILITIES OF BUSINESS, AND ADVANCED PROCESSES AND MATERIALS. SAMPLE OBJECTIVES FROM EACH OF THE THREE TOPICS ARE: PROGRAMMING CONCEPTS, AUTOMATION AND THE EMPLOYEE, AND ADVANCED INDUSTRIAL ENGINEERING IN SPECIALIZED INDUSTRY. FOR EACH OBJECTIVE, THE SUBJECT, PERFORMANCE EXPECTATION, AND REQUIRED INSTRUCTIONAL MATERIALS ARE PRESENTED, ALONG WITH BLANK SPACE FOR STUDENT NOTES. PRACTICE PROBLEMS WITH ANSWER SHEETS ARE INCLUDED FOR THE 10 OBJECTIVES RELATING TO MANAGEMENT SCIENCE APPLICATIONS. EACH OBJECTIVE IS ASSIGNED A FRACTION OF A CREDIT, WHICH WILL BE RECEIVED UPON SUCCESSFUL COMPLETION OF A TEST PROVIDED BY PROGRAM STAFF. COMPLETION OF THE MODULE IS EQUIVALENT TO 7 CREDITS. COMPLETION OF ALL SEVEN MODULES WILL ENABLE THE STUDENT TO OBTAIN AN ASSOCIATE OF APPLIED SCIENCE DEGREE IN INDUSTRIAL ENGINEERING TECHNOLOGY. (RG)

**VT 103 048**  
POST-SECONDARY TEACHER TRAINING  
MODULE CD-1. CURRICULUM  
DEVELOPMENT.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
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RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM

DEVELOPMENT; \*CURRICULUM GUIDES;  
\*TEACHER EDUCATION CURRICULUM;  
\*VOCATIONAL EDUCATION TEACHERS;  
\*PERFORMANCE BASED TEACHER  
EDUCATION; POST SECONDARY  
EDUCATION; TASK ANALYSIS; NEEDS  
ASSESSMENT; SYSTEMS ANALYSIS;  
BEHAVIORAL OBJECTIVES; METHODS  
COURSES

ABSTRACT - THIS MODULE ON  
CURRICULUM DEVELOPMENT IS ONE OF A  
SERIES OF 11 COMPETENCY-BASED  
POSTSECONDARY VOCATIONAL EDUCATION  
TEACHER TRAINING MODULES THAT WERE  
DEVELOPED AND VALIDATED AT THREE  
TEXAS UNIVERSITIES. THIS MODULE  
CONSISTS OF SIX MAJOR SECTIONS: (1)  
CONDUCTING A NEEDS ASSESSMENT, (2)  
OCCUPATIONAL AND TASK ANALYSIS, (3)  
DEVELOPING AN INSTRUCTIONAL SYSTEM,  
(4) SEQUENCING TASKS IN LEARNING  
ORDER, (5) WRITING BEHAVIORAL  
OBJECTIVES, AND (6) INTEGRATING  
ANALYSIS INTO A COURSE OUTLINE.  
EACH SECTION CONTAINS INSTRUCTIONAL  
OBJECTIVES, PRE-ASSESSMENT AND  
POST-ASSESSMENT INSTRUMENTS,  
ENABLING OR LEARNING ACTIVITIES,  
BIBLIOGRAPHY, AND APPENDIXES OF  
RELATED INSTRUCTIONAL MATERIAL. THE  
COMPETENCY-BASED FORMAT ALLOWS  
PARTICIPANTS TO DEMONSTRATE  
COMPETENCIES ALREADY ATTAINED.  
(AUTHOR/NJ)

**VT 103 049**  
POST-SECONDARY TEACHER TRAINING  
MODULE IS-2. INSTRUCTIONAL  
STRATEGIES.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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PUB DATE - ND 68P.;  
RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*TEACHER EDUCATION CURRICULUM;  
\*VOCATIONAL EDUCATION TEACHERS;

\*PERFORMANCE BASED TEACHER  
EDUCATION; LECTURE; DEMONSTRATIONS  
(EDUCATIONAL); CASE STUDIES  
(EDUCATION); ROLE PLAYING;  
DISCUSSION (TEACHING TECHNIQUE);  
POST SECONDARY EDUCATION; METHODS  
COURSES; COMMUNITY COLLEGES;  
\*TEACHING METHODS

ABSTRACT - THIS CURRICULUM MODULE  
ON INSTRUCTIONAL STRATEGIES IS ONE  
OF A SERIES OF 11 COMPETENCY-BASED  
POSTSECONDARY VOCATIONAL EDUCATION  
TEACHER TRAINING MODULES THAT WERE  
DEVELOPED AND VALIDATED AT THREE  
TEXAS UNIVERSITIES. THIS PACKET IS  
CONCERNED WITH INSTRUCTIONAL  
STRATEGIES WHICH THE INSTRUCTOR CAN  
TEACH THE PARTICIPANTS TO USE AS  
TOOLS IN HIS OR HER CLASSROOM. THE  
METHODS OF INSTRUCTION COVERED ARE  
FORMAL LECTURE, INFORMAL LECTURE,  
DISCUSSION, DEMONSTRATION, CASE  
STUDY, AND ROLE PLAYING. THE FORMAT  
OF THE UNITS CONSISTS OF RATIONALE,  
PREREQUISITES, TERMINAL AND  
CRITERION OBJECTIVES, PRE-  
ASSESSMENT AND POST-ASSESSMENT  
INSTRUMENTS, ENABLING ACTIVITIES,  
AND SAMPLE LESSON PLANS. A  
BIBLIOGRAPHY IS INCLUDED.  
(AUTHOR/NJ)

**VT 103 050**

POST-SECONDARY TEACHER TRAINING  
MODULE IT-3. SELECTION AND USE OF  
INSTRUCTIONAL TACTICS.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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PUB DATE - ND 22P.;  
RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*MEDIA SELECTION;  
\*INSTRUCTIONAL MEDIA; EDUCATIONAL  
RESOURCES; \*TEACHER EDUCATION  
CURRICULUM; VOCATIONAL EDUCATION  
TEACHERS; \*PERFORMANCE BASED  
TEACHER EDUCATION; POST SECONDARY

EDUCATION; METHODS COURSES;  
\*CURRICULUM GUIDES

ABSTRACT - THIS MODULE ON THE  
SELECTION AND USE OF INSTRUCTIONAL  
MEDIA AND RESOURCES IS ONE OF A  
SERIES OF 11 COMPETENCY-BASED  
POSTSECONDARY VOCATIONAL EDUCATION  
TEACHER TRAINING MODULES DEVELOPED  
AND VALIDATED AT THREE TEXAS  
UNIVERSITIES. IT IS DESIGNED TO AID  
THE FUTURE VOCATIONAL EDUCATION  
TEACHER IN SELECTION, DEVELOPMENT,  
AND UTILIZATION OF INSTRUCTIONAL  
RESOURCES AND MEDIA. THE MODULE  
CONSISTS OF TERMINAL OBJECTIVE,  
BIBLIOGRAPHY, PRE-ASSESSMENT AND  
POST-ASSESSMENT INSTRUMENTS,  
ENABLING ACTIVITIES AND CRITERION  
OBJECTIVES, AND SUGGESTED  
ASSIGNMENTS. THE APPENDIX CONTAINS  
A LIST OF CHARACTERISTICS OF A GOOD  
VISUAL AID AND SUGGESTED GUIDELINES  
FOR SELECTION AND USE OF COMMUNITY  
RESOURCES AND INSTRUCTIONAL MEDIA.  
(NJ)

**VT 103 051**

POST-SECONDARY TEACHER TRAINING  
MODULE TC-4. TEST CONSTRUCTION FOR  
THE EVALUATION OF KNOWLEDGE  
OBJECTIVES.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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ANNOUNCED IN VOL. 10, NO. 1.  
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RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*TEST CONSTRUCTION;  
\*CURRICULUM GUIDES; \*TEACHER  
EDUCATION CURRICULUM; VOCATIONAL  
EDUCATION TEACHERS; \*PERFORMANCE  
BASED TEACHER EDUCATION;  
\*EVALUATION METHODS; POST SECONDARY  
EDUCATION; METHODS COURSES

ABSTRACT - THIS CURRICULUM MODULE  
ON TEST CONSTRUCTION IS ONE OF A  
SERIES OF 11 COMPETENCY-BASED

POSTSECONDARY VOCATIONAL EDUCATION TEACHER TRAINING MODULES DEVELOPED AND VALIDATED AT THREE TEXAS UNIVERSITIES. IT SEEKS TO PREPARE THE PARTICIPANT TO CONSTRUCT GOOD TESTS FOR THE EVALUATION OF KNOWLEDGE OBJECTIVES. THE MODULE AND TERMINAL OBJECTIVES ARE PRESENTED, FOLLOWED BY A PRE-ASSESSMENT INSTRUMENT KEYED TO ENABLING ELEMENTS. THE SECTION OF ENABLING ELEMENTS FOLLOWS AND INCLUDES CRITERION OBJECTIVES AND LEARNING ACTIVITIES FOR EACH OF THESE ELEMENTS: CHARACTERISTICS OF A GOOD TEST, BASIC PRINCIPLES OF TEST CONSTRUCTION, ALTERNATE-RESPONSE ITEM FORMS, MULTIPLE-CHOICE ITEM FORMS, COMPLETION ITEM FORMS, MATCHING ITEM FORMS, ESSAY QUESTIONS, AND EVALUATING THE EFFECTIVENESS OF ITEM FORMS. A POST-ASSESSMENT INSTRUMENT, ALTERNATIVE ACTIVITIES, A BIBLIOGRAPHY, AND AN APPENDIX OF ADDITIONAL MATERIAL RELATED TO TEST CONSTRUCTION ARE ALSO INCLUDED. (AUTHOR/NJ)

VT 103 052  
POST-SECONDARY TEACHER TRAINING  
MODULE E-5. EVALUATION.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*STUDENT EVALUATION;  
\*EVALUATION METHODS; \*TEACHER  
EDUCATION CURRICULUM; \*PERFORMANCE  
BASED TEACHER EDUCATION;  
\*CURRICULUM GUIDES; VOCATIONAL  
EDUCATION TEACHERS; POST SECONDARY  
EDUCATION; METHODS COURSES; PROGRAM  
EVALUATION; CRITERION REFERENCED  
TESTS

ABSTRACT - THIS CURRICULUM MODULE

ON EVALUATION IS ONE OF A SERIES OF 11 COMPETENCY-BASED POSTSECONDARY VOCATIONAL EDUCATION TEACHER TRAINING MODULES DEVELOPED AND VALIDATED AT THREE TEXAS UNIVERSITIES. THE MODULE CONSISTS OF TWO UNITS: EVALUATION OF STUDENT PERFORMANCE AND EVALUATION OF VOCATIONAL PROGRAMS. THE FIRST UNIT IS DESIGNED TO AID NEW TEACHERS IN THE ACQUISITION OF COMPETENCY IN STUDENT EVALUATION THROUGH CONTENT ACTIVITIES WHICH RANGE FROM THEORY TO PRACTICAL APPLICATION. THE ENABLING ELEMENTS USED IN THE MODULE INCLUDE SMALL GROUP DISCUSSION OF READINGS, INSTRUCTION-CENTERED SESSIONS, AND SMALL GROUP PROJECTS AND REPORTS. EACH ENABLING ELEMENT IS PRECEDED BY AN INSTRUCTOR-CENTERED OBJECTIVE. THE UNIT ALSO CONTAINS TERMINAL OBJECTIVES, PRE-ASSESSMENT AND POST-ASSESSMENT INSTRUMENTS, AND APPENDED RESOURCE MATERIALS. THE UNIT ON EVALUATION OF VOCATIONAL PROGRAMS CONSISTS OF DEFINITIONS OF TERMS, BIBLIOGRAPHY, PRE-ASSESSMENT AND POST-ASSESSMENT INSTRUMENTS, CRITERION OBJECTIVES, AND ENABLING ACTIVITIES. (AUTHOR/NJ)

VT 103 053  
POST-SECONDARY TEACHER TRAINING  
MODULE ST-6. STUDENT-TEACHER  
RELATIONSHIPS AND CLASSROOM  
MANAGEMENT.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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DESCRIPTORS - \*CLASS MANAGEMENT;  
\*TEACHER EDUCATION CURRICULUM;  
\*PERFORMANCE BASED TEACHER  
EDUCATION; VOCATIONAL EDUCATION  
TEACHERS; \*STUDENT TEACHER

RELATIONSHIP; PROBLEM SOLVING; POST  
SECONDARY EDUCATION; METHODS  
COURSES; DISCIPLINE; PRODUCTIVE  
THINKING; COMMUNITY COLLEGES;  
\*CURRICULUM GUIDES

ABSTRACT - THIS CURRICULUM MODULE  
ON STUDENT-TEACHER RELATIONSHIPS  
AND CLASSROOM MANAGEMENT IS ONE OF  
A SERIES OF 11 COMPETENCY-BASED  
POSTSECONDARY VOCATIONAL EDUCATION  
TEACHER TRAINING MODULES THAT WERE  
DEVELOPED AND VALIDATED AT THREE  
TEXAS UNIVERSITIES. IT IS DESIGNED  
TO AID THE FUTURE TEACHER IN  
IDENTIFYING BEHAVIORS THAT ARE  
INAPPROPRIATE IN THE CLASSROOM,  
EVALUATING THE RELEVANCE OF PLACING  
RESTRICTIONS ON THESE BEHAVIORS,  
DEVELOPING INSIGHT INTO SOME  
POSSIBLE MANAGEMENT STRATEGIES, AND  
PRACTICING PROBLEM-SOLVING  
PROCESSES. THE MODULE CONSISTS OF  
TERMINAL OBJECTIVES, LIST OF  
REFERENCES, POST-ASSESSMENT  
INSTRUMENT, AND A SERIES OF  
ENABLING ELEMENTS OR ACTIVITIES  
DESIGNED TO AID THE PARTICIPANT IN  
ATTAINING THE OBJECTIVES. THESE  
ENABLING ELEMENTS ARE ACCOMPANIED  
BY HANDOUTS AND/OR TRANSPARENCY  
MASTERS. THE EMPHASIS OF THE  
ACTIVITIES IS ON ORGANIZING AND  
APPLYING CREATIVE THOUGHT IN  
REFERENCE TO A PROBLEM SITUATION.  
SAMPLE WORKSHEETS DEMONSTRATING THE  
PROBLEM-SOLVING PROCESS AS APPLIED  
TO A HYPOTHETICAL PROBLEM ARE  
FOLLOWED BY A LIST OF SEVERAL  
PROBLEMS TYPICALLY ENCOUNTERED IN  
THE COMMUNITY COLLEGE CLASSROOM.  
(AUTHOR/NJ)

VT 103 054  
POST-SECONDARY TEACHER TRAINING  
MODULE P-7. PROFESSIONALISM.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.;  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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PUB DATE - ND 53P.;

RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*TEACHER IMPROVEMENT; \*TEACHER  
ATTITUDES; \*VOCATIONAL EDUCATION  
TEACHERS; \*PERFORMANCE BASED  
TEACHER EDUCATION; TEACHER  
ASSOCIATIONS; TEACHER EDUCATION  
CURRICULUM; VOCATIONAL EDUCATION;  
COMMUNITY COLLEGES; POST SECONDARY  
EDUCATION; METHODS COURSES

ABSTRACT - THIS CURRICULUM MODULE  
ON THE PROFESSIONALISM OF THE  
VOCATIONAL EDUCATION TEACHER IS ONE  
OF A SERIES OF 11 COMPETENCY-BASED  
POSTSECONDARY VOCATIONAL EDUCATION  
TEACHER TRAINING MODULES DEVELOPED  
AND VALIDATED AT THREE TEXAS  
UNIVERSITIES. THE MODULE CONSISTS  
OF TWO UNITS. THE FIRST UNIT ON  
PHILOSOPHIES AS RELATED TO  
VOCATIONAL-TECHNICAL EDUCATION AND  
THE COMMUNITY/JUNIOR COLLEGE IS  
DESIGNED TO ASSIST THE FUTURE  
VOCATIONAL EDUCATION TEACHER IN  
FORMULATING AND EVALUATING A  
PROFESSIONAL PHILOSOPHY. THE UNIT  
ON THE PROFESSIONAL VOCATIONAL-  
TECHNICAL TEACHER IS CONCERNED WITH  
DEVELOPING AN AWARENESS IN THE  
PROSPECTIVE VOCATIONAL TEACHER OF  
PROFESSIONAL ASSOCIATIONS AND  
COMMUNITY SERVICES AS OPPORTUNITIES  
FOR PROFESSIONAL DEVELOPMENT. EACH  
UNIT CONTAINS DEFINITIONS OF TERMS,  
TERMINAL AND CRITERION OBJECTIVES,  
PRE-ASSESSMENT AND POST-ASSESSMENT  
INSTRUMENTS, ENABLING ACTIVITIES  
DESIGNED TO AID IN ATTAINING THE  
OBJECTIVES, AND APPENDED RESOURCE  
MATERIALS. A BIBLIOGRAPHY IS  
INCLUDED WITH THE UNIT ON THE  
PROFESSIONAL VOCATIONAL EDUCATION  
TEACHER. (AUTHOR/NJ)

VT 103 055  
POST-SECONDARY TEACHER TRAINING  
MODULE PR-8. DEVELOPING AND  
MAINTAINING AN EFFECTIVE PUBLIC  
RELATIONS PROGRAM.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.;  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND

DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
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RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*PUBLIC RELATIONS;  
\*VOCATIONAL EDUCATION; TEACHER  
EDUCATION CURRICULUM; \*VOCATIONAL  
EDUCATION TEACHERS; \*PERFORMANCE  
BASED TEACHER EDUCATION; COMMUNITY  
RELATIONS; \*CURRICULUM GUIDES; POST  
SECONDARY EDUCATION; METHODS  
COURSES

ABSTRACT - THIS MODULE ON  
DEVELOPING AND MAINTAINING  
EFFECTIVE PUBLIC RELATIONS IS ONE  
OF A SERIES OF 11 COMPETENCY-BASED  
POSTSECONDARY VOCATIONAL EDUCATION  
TEACHER TRAINING MODULES DEVELOPED  
AND VALIDATED AT THREE TEXAS  
UNIVERSITIES. AN OVERVIEW OF  
VARIOUS PUBLIC RELATIONS  
TECHNIQUES, THE MODULE IS DESIGNED  
TO PROVIDE INSIGHT AND INFORMATION  
ON WAYS TO PROMOTE GOOD PUBLIC  
RELATIONS FOR A VOCATIONAL PROGRAM  
WITHIN A COMMUNITY. THE MODULE  
CONSISTS OF TERMINAL AND CRITERION  
OBJECTIVES, A BIBLIOGRAPHY,  
DEFINITION OF TERMS, PRE-ASSESSMENT  
AND POST-ASSESSMENT INSTRUMENTS,  
AND ENABLING ACTIVITIES WITH  
SUGGESTED TEACHING AIDS. APPENDED  
TO THE MODULE ARE GUIDELINES FOR  
CONDUCTING PUBLIC RELATIONS  
PROGRAMS. (AUTHOR/NJ)

VT 103 056  
POST-SECONDARY TEACHER TRAINING  
MODULE PM-9. PROGRAM MANAGEMENT.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
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RELATED DOCUMENTS VT 103 048

THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*VOCATIONAL EDUCATION  
TEACHERS; \*PERFORMANCE BASED  
TEACHER EDUCATION; \*ADVISORY  
COMMITTEES; \*RECORDKEEPING;  
\*CURRICULUM GUIDES; RECORDS  
(FORMS); POST SECONDARY EDUCATION;  
TEACHER EDUCATION CURRICULUM;  
METHODS COURSES; SCHOOL COMMUNITY  
RELATIONSHIP

ABSTRACT - THIS MODULE ON PROGRAM  
MANAGEMENT IS ONE OF A SERIES OF 11  
COMPETENCY-BASED POSTSECONDARY  
VOCATIONAL EDUCATION TEACHER  
TRAINING MODULES DEVELOPED AND  
VALIDATED AT THREE TEXAS  
UNIVERSITIES. IT CONSISTS OF TWO  
UNITS. THE UNIT ON EFFECTIVE  
UTILIZATION OF ADVISORY COMMITTEES  
IS CONCERNED WITH THE ROLE AND  
FUNCTION OF THE ADVISORY COMMITTEE  
AND THE ROLE OF THE VOCATIONAL-  
TECHNICAL EDUCATOR ON ADVISORY  
COMMITTEES. IT CONSISTS OF  
RATIONALE, BIBLIOGRAPHY, PRE-  
ASSESSMENT AND POST-ASSESSMENT  
INSTRUMENTS, AND ENABLING ELEMENTS  
WHICH INCLUDE CRITERION OBJECTIVES  
AND SUGGESTED LEARNING ACTIVITIES.  
THE ELEMENTS ARE ENTITLED SELECTION  
OF ADVISORY COMMITTEE MEMBERS,  
PRINCIPLES FOR EFFECTIVE  
UTILIZATION OF ADVISORY COMMITTEES,  
PLANNING INITIAL MEETINGS AND  
ORIENTING MEMBERS, AND PLANNING THE  
ANNUAL AGENDA. A SECOND UNIT IS  
DESIGNED TO ACQUAINT THE FUTURE  
VOCATIONAL TEACHER WITH THE VARIOUS  
RECORDKEEPING FORMS REQUIRED BY  
FEDERAL AND STATE AGENCIES. IT ALSO  
CONTAINS IDEAS FOR MAINTAINING  
RECORDS OF ALL MATERIALS, SUPPLIES,  
TEACHING AIDS, AND STUDENT  
INFORMATION. THE UNIT COMPONENTS  
ARE RATIONALE, DEFINITION OF TERMS,  
TERMINAL AND CRITERION OBJECTIVES,  
PRE-ASSESSMENT AND POST-ASSESSMENT  
INSTRUMENTS, AND ENABLING  
ACTIVITIES WITH SUGGESTED TEACHING  
AIDS DESIGNED TO AID IN ATTAINING  
THE OBJECTIVES. A SECTION OF SAMPLE  
RECORDKEEPING FORMS IS APPENDED.  
(NJ)

VT 103 057  
POST-SECONDARY TEACHER TRAINING

MODULE H-10. HEALTH OCCUPATIONS  
EDUCATION.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
52855402

PUB DATE - ND 149P.;  
RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*HEALTH OCCUPATIONS  
EDUCATION; \*CURRICULUM GUIDES;  
EDUCATIONAL PHILOSOPHY; \*TEACHER  
EDUCATION CURRICULUM; \*VOCATIONAL  
EDUCATION TEACHERS; POST SECONDARY  
EDUCATION; \*PERFORMANCE BASED  
TEACHER EDUCATION; COMMUNITY  
COLLEGES; METHODS COURSES

ABSTRACT - THIS CURRICULUM MODULE  
ON HEALTH OCCUPATIONS EDUCATION IS  
ONE OF A SERIES OF 11 COMPETENCY-  
BASED VOCATIONAL EDUCATION TEACHER  
TRAINING MODULES DEVELOPED AND  
VALIDATED AT THREE TEXAS  
UNIVERSITIES. IT CONSISTS OF TWO  
UNITS. THE FIRST IS CONCERNED WITH  
COMMUNITY COLLEGE HEALTH  
OCCUPATIONS EDUCATION PHILOSOPHY.  
THE FORMAT CONSISTS OF TERMINAL  
OBJECTIVES, PRE-ASSESSMENT AND  
POST-ASSESSMENT INSTRUMENTS, AND  
ENABLING UNITS OR LESSON PLANS WITH  
SPECIFIC OBJECTIVES, ACTIVITIES,  
REFERENCES, AND INSTRUCTIONAL AIDS.  
THE SECOND UNIT IS CONCERNED WITH  
CURRENT TRENDS AND CURRICULUM IN  
HEALTH OCCUPATIONS EDUCATION. IT IS  
GROUPED INTO THE FOUR GENERAL AREAS  
OF CONCEPT AND PROCESSES OF  
INNOVATION, SOCIETAL FACTORS  
RELATED TO INNOVATION IN HEALTH  
OCCUPATIONS, CONCEPT OF EDUCATIONAL  
ARTICULATION, AND CURRICULUM  
INNOVATION ON HEALTH OCCUPATIONS.  
THE FIRST CONTENT AREA IS A LESSON  
PLAN WITH CRITERION OBJECTIVES,  
REFERENCES, AND RESOURCES. THE LAST  
THREE AREAS ARE DEALT WITH THROUGH  
A SEMINAR APPROACH AND CONTAIN  
EITHER ENABLING ELEMENTS CONSISTING

OF EXAMPLES OF OBJECTIVES FOR GROUP  
REPORTS OR SUPPLEMENTARY  
INFORMATION TO ASSIST THE  
INSTRUCTOR. THE INSTRUCTIONAL  
RESOURCES REFERRED TO IN THE TEXT  
ARE CONTAINED, IN ORDER OF  
REFERENCE, IN THE APPENDIX.  
(AUTHOR/NJ)

VT 103 058  
POST-SECONDARY TEACHER TRAINING  
MODULE TT-11. ASSESSMENT OF TEAM  
TEACHING ROLES AND FUNCTIONS.

NORTH TEXAS STATE UNIV., DENTON.;  
EAST TEXAS STATE UNIV., COMMERCE.;  
TEXAS WOMAN'S UNIV., DENTON.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
52855402

PUB DATE - ND 54P.;  
RELATED DOCUMENTS VT 103 048  
THROUGH VT 103 058 IN THIS ISSUE.

DESCRIPTORS - \*TEAM TEACHING;  
\*TEACHER EDUCATION CURRICULUM;  
\*PERFORMANCE BASED TEACHER  
EDUCATION; \*GROUP DYNAMICS;  
\*CURRICULUM GUIDES; SMALL GROUP  
INSTRUCTION; GROUP ACTIVITIES;  
VOCATIONAL EDUCATION TEACHERS; POST  
SECONDARY EDUCATION; METHODS  
COURSES

ABSTRACT - THIS CURRICULUM MODULE  
ON THE ASSESSMENT OF THE ROLES AND  
FUNCTIONS OF TEAM TEACHING IS ONE  
OF A SERIES OF 11 COMPETENCY-BASED  
VOCATIONAL EDUCATION TEACHER  
TRAINING MODULES DEVELOPED AND  
VALIDATED AT THREE TEXAS  
UNIVERSITIES. IT IS DESIGNED TO AID  
THE BEGINNING TEACHER IN THE  
ANALYSIS AND EVALUATION OF THE  
FUNCTIONING OF THE TEACHING TEAM.  
THE MAJOR VEHICLE FOR CONTENT IN  
THE MODULE IS THE LEARNING THRU  
DISCUSSION (LTD) METHOD DEVELOPED  
BY WILLIAM FAWCETT HILL, WHICH IS A  
DETAILED PROCEDURE FOR SMALL GROUP  
LEARNING WHICH DEFINES NECESSARY  
CRITERIA AND ROLES FOR EFFICIENT  
GROUP FUNCTIONING. THE TOPICS  
COVERED IN THE MODULE ARE THE

BACKGROUND, THEORY, AND PHILOSOPHY OF TEAM TEACHING, THE PURPOSES, FUNCTIONS, AND ROLES OF TEAM TEACHING, THE INDIVIDUAL TEAM MEMBERS, AND EVALUATION OF THE TEACHING TEAM. THE MODULE CONSISTS OF TERMINAL OBJECTIVES, ENABLING OR LEARNING ACTIVITIES, INCLUDING LTD, GROUP, AND INSTRUCTOR-CENTERED ACTIVITIES, AND INSTRUCTIONAL RESOURCES IN THE FORM OF TRANSPARENCY AND HANDOUT MASTERS. A BIBLIOGRAPHY IS ALSO INCLUDED. (AUTHOR/NJ)

**VT 103 059**

CRISTIANO, FRANK; AND OTHERS  
COMMUNICATIONS.

DELAWARE STATE COLL., DOVER.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 58P.;  
RELATED DOCUMENT VT 103 060 IN THIS  
ISSUE.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*COMMUNICATION SKILLS;  
\*LANGUAGE ARTS; \*CURRICULUM GUIDES;  
\*SECONDARY EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE IS  
DESIGNED FOR USE BY THE TEACHER-  
COORDINATOR OF DISTRIBUTIVE  
EDUCATION IN TEACHING COMMUNICATION  
SKILLS. IT INCLUDES LESSONS,  
ACTIVITIES, AND RESOURCE MATERIALS  
RELATING TO SPECIFIC COMMUNICATIONS  
SKILLS WHICH THE DISTRIBUTIVE  
EDUCATION STUDENT SHOULD MASTER.  
THE UNIT IS PRESENTED IN A SERIES  
OF SELF-CONTAINED MINI-UNITS,  
ALLOWING THE TEACHER-COORDINATOR TO  
TEACH THE WHOLE AS A COMPREHENSIVE  
UNIT OR PARTS AS REVIEW OR  
SUPPLEMENTARY MINI-UNITS. THE  
COMMUNICATIONS SKILLS PERTAIN TO  
SPEAKING SKILLS, WRITTEN  
COMMUNICATION SKILLS, TELEPHONE  
ETIQUETTE, CUSTOMER GREETINGS,  
NONVERBAL COMMUNICATION, AND  
LISTENING. (AUTHOR/NJ)

**VT 103 060**

BENNETT, NORA; AND OTHERS  
UNIT PLANS IN COMPUTATIONAL SKILLS  
FOR D.C. COORDINATORS.

DELAWARE STATE COLL., DOVER.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 85P.;  
RELATED DOCUMENT VT 103 059 IN THIS  
ISSUE.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*MATHEMATICS CURRICULUM;  
\*CURRICULUM GUIDES; UNIT PLAN;  
SENIOR HIGH SCHOOLS; \*PRACTICAL  
MATHEMATICS; \*BASIC SKILLS

ABSTRACT - THIS GUIDE, DESIGNED FOR  
USE BY THE TEACHER-COORDINATOR OF  
DISTRIBUTIVE EDUCATION IN TEACHING  
COMPUTATIONAL SKILLS, CONSISTS OF  
FIVE UNIT PLANS, RANGING FROM ONE  
TO THREE WEEKS IN LENGTH. THE UNIT  
TOPICS ARE: CASH AND TRADE  
DISCOUNTS, PERCENTAGES, MARK-UP,  
RECORDING THE SALE AND MAKING  
CHANGE, AND CREDIT. EACH UNIT  
CONSISTS OF AN INTRODUCTION,  
STUDENT BEHAVIORAL OBJECTIVES,  
CONTENT OUTLINE, LEARNING  
ACTIVITIES, INSTRUCTIONAL AIDS, AND  
EVALUATION. AN APPENDIX TO EACH  
UNIT INCLUDES SAMPLE LESSON PLANS,  
SAMPLE PROBLEMS, CHARTS,  
APPLICATIONS, FORMULAS, AND  
RELEVANT CONVERSION TABLES. A  
BIBLIOGRAPHY AND GLOSSARY ARE  
INCLUDED. (NJ)

**VT 103 061**

PROJECT CAREER EDUCATION K-10.  
CAREER EDUCATION ELEMENTS,  
CONCEPTS, GOALS, AND ACHIEVEMENT  
INDICATORS. GRADE K-8 (APPENDIX B  
OF THE FINAL REPORT).

OREGON STATE BOARD OF EDUCATION,  
SALEM. DIV. OF VOCATIONAL  
EDUCATION.  
BUREAU OF ADULT, VOCATIONAL, AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 01OCT74 74P.; RELATED  
DOCUMENTS VT 103 150, VT 103 151,  
AND VT 103 061 THROUGH VT 103 066  
IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*BEHAVIORAL OBJECTIVES; \*COURSE  
OBJECTIVES; \*STUDENT BEHAVIOR;

**ELEMENTARY EDUCATION; JUNIOR HIGH SCHOOLS**

**IDENTIFIERS - PORTLAND; OREGON**

**ABSTRACT - THIS APPENDIX TO THE PROJECT CAREER EDUCATION K-10 FINAL REPORT PRESENTS THE ELEMENTS, CONCEPTS, GOALS, AND ACHIEVEMENT INDICATORS FOR GRADES K-8 OF A CAREER EDUCATION RESEARCH AND DEVELOPMENT PROJECT CARRIED OUT IN THE PORTLAND PUBLIC SCHOOLS.**

**GROUPED ACCORDING TO GRADE LEVELS, THE CONCEPTS, GOALS, AND INDICATORS OF GOAL ACHIEVEMENT ARE GIVEN FOR THE MAJOR ELEMENTS OF SELF-AWARENESS, EDUCATIONAL AWARENESS, ECONOMIC AWARENESS, DECISIONMAKING, AND EMPLOYABILITY SKILLS. (NJ)**

**VT 103 062**

**PROJECT CAREER EDUCATION K-10. ACTIVITIES FOR CAREER EDUCATION K-6 AND ADDITIONAL ACTIVITIES K-6 (APPENDIXES C AND F OF THE FINAL REPORT).**

**OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF VOCATIONAL EDUCATION.**

**BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (OHEW/OE), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.**

**PUB DATE - 01OCT74 502P.;**

**RELATED DOCUMENTS VT 103 150, VT 103 151, AND VT 103 061 THROUGH VT 103 066 IN THIS ISSUE.**

**DESCRIPTORS - \*CAREER AWARENESS; \*LEARNING ACTIVITIES; \*TEACHER DEVELOPED MATERIALS; \*INSTRUCTIONAL MATERIALS; \*CAREER EDUCATION; ELEMENTARY EDUCATION**

**ARE GROUPED BY TOPIC OR SUBJECT AREA WITHIN EACH GRADE LEVEL. EXAMPLES OF TOPICS FOR THE PRIMARY GRADES ARE: WE LEARN ABOUT OURSELVES, WE LEARN ABOUT JOBS, AND LIFE ROLE VOCATION. THE SUBJECT AREAS INCLUDE SOCIAL STUDIES, MATH, LANGUAGE ARTS, HEALTH, AND SCIENCE. EACH ACTIVITY HAS THE SAME BASIC FORMAT AND PRESENTS THE FOLLOWING INFORMATION: THEME, GRADE LEVEL, CURRICULUM AREA, LIFE ROLE, PURPOSE, OBJECTIVE, MATERIALS REQUIRED, AND PROCEDURE. FORMS FOR TEACHER EVALUATION OF THE ACTIVITY AND A BRIEF DESCRIPTION OF THE PROJECT GOALS ARE INCLUDED. (RG)**

**VT 103 063**

**PROJECT CAREER EDUCATION K-10. ACTIVITIES FOR CAREER EDUCATION 7-8. VOLUMES I AND II (APPENDIX D OF THE FINAL REPORT).**

**OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF VOCATIONAL EDUCATION.**

**BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (OHEW/OE), WASHINGTON, D.C.**

**MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.**

**PUB DATE - 01OCT74 540P.;**

**RELATED DOCUMENTS VT 103 150, VT 103 151, AND VT 103 061 THROUGH VT 103 066 IN THIS ISSUE.**

**DESCRIPTORS - \*CAREER EXPLORATION; \*LEARNING ACTIVITIES; \*TEACHER DEVELOPED MATERIALS; \*CAREER EDUCATION; JUNIOR HIGH SCHOOLS; \*INSTRUCTIONAL MATERIALS; GRADE 7; GRADE 8**  
**IDENTIFIERS - PORTLAND; OREGON**

EDUCATION, SCIENCE, AND SOCIAL STUDIES. GENERALLY, THE ACTIVITIES HAVE THE SAME BASIC FORMAT AND PRESENT THE FOLLOWING INFORMATION: THEME, GRADE LEVEL, CURRICULUM AREA, RELATED CAREER EDUCATION CONCEPTS, LIFE ROLE, CAREER CLUSTER, PURPOSE, OBJECTIVES, MATERIALS REQUIRED, AND PROCEDURE. A GROUP OF K-10 ACTIVITIES FOR A SPECIAL ACHIEVEMENT PROGRAM, CONCERNED WITH THE SUCCESSFUL INTEGRATION OF THE STUDENT INTO THE LIFE ROLES OF CITIZEN, FAMILY, VOCATION, AND LEISURE, IS CONTAINED IN VOLUME II. ALSO INCLUDED ARE MATERIALS ON PROJECT COMPONENTS, RESOURCES, FIELD TRIPS, A SELF-UNDERSTANDING SURVEY, AND AN ACTIVITY CROSS-REFERENCE CHART. (RG)

**VT 103 064**

PROJECT CAREER EDUCATION K-10. ACTIVITIES FOR CAREER EDUCATION 9-10 (APPENDIX E OF THE FINAL REPORT).

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF VOCATIONAL EDUCATION.

BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 01OCT74 72P.; RELATED DOCUMENTS VT 103 150, VT 103 151, AND VT 103 061 THROUGH VT 103 066 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*CURRICULUM DEVELOPMENT; \*RESOURCE GUIDES; TEACHER DEVELOPED MATERIALS; \*SECONDARY EDUCATION;

AND OF THE MARSHALL HIGH SCHOOL COMPONENT. ANTICIPATED ACTIVITIES FOR THE 1974-75 SCHOOL YEAR FOR MARSHALL HIGH SCHOOL ARE PRESENTED FOR THE SUBJECT AREAS OF ART, BUSINESS EDUCATION, COUNSELING, ENGLISH, HEALTH AND PHYSICAL EDUCATION, HOME ECONOMICS, HUMANITIES, INDUSTRIAL EDUCATION, MATH, MODERN LANGUAGES, SCIENCE, SOCIAL STUDIES, AND SPECIAL EDUCATION. ALSO INCLUDED ARE SECTIONS DETAILING THE SPECIAL RESOURCES AVAILABLE AT MARSHALL HIGH SCHOOL AND IN AREA II OF THE PORTLAND PUBLIC SCHOOL AREA. (NJ)

**VT 103 065**

PROJECT CAREER EDUCATION K-10. RESOURCE SUPPLEMENT K-6 (APPENDIX G OF THE FINAL REPORT).

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF VOCATIONAL EDUCATION.

BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - 01OCT74 133P.; RELATED DOCUMENTS VT 103 150, VT 103 151, AND VT 103 061 THROUGH VT 103 066 IN THIS ISSUE.

DESCRIPTORS - \*CAREER AWARENESS; \*RESOURCE GUIDES; \*RESOURCE MATERIALS; \*ELEMENTARY EDUCATION; BIBLIOGRAPHIES; CHILDRENS BOOKS; AUDIOVISUAL AIDS; TEACHER DEVELOPED MATERIALS; FIELD TRIPS IDENTIFIERS - PORTLAND; OREGON

ABSTRACT - THIS APPENDIX TO THE PROJECT CAREER EDUCATION K-10 FINAL

FIELD SITES FOR THE PORTLAND REGION. AUDIOVISUAL RESOURCES IN CAREER AWARENESS ARE LISTED INDICATING RECOMMENDED GRADE LEVEL, ACADEMIC SUBJECT, AND RELEVANCY TO LIFE ROLE OF FAMILY, VOCATION, LEISURE, OR CITIZEN. A BIBLIOGRAPHY OF SOURCES OF FREE CAREER EDUCATION MATERIALS IS ALSO INCLUDED, ARRANGED ALPHABETICALLY BY OCCUPATIONAL AREA. CHILDREN'S BOOKS THAT ARE RELATED TO CAREER AWARENESS ARE LISTED BY AUTHOR AND TITLE WITH INDICATION OF APPROPRIATE GRADE LEVEL AND A SUBJECT AREA. THE TEACHER REFERENCE SECTION INCLUDES INFORMATION ON LIFE ROLE DEFINITIONS, OCCUPATIONAL CLASSIFICATIONS, CAREER CLUSTERS, ASSOCIATED OCCUPATIONS, AND A BIBLIOGRAPHY OF CAREER AWARENESS MATERIALS FOUND IN THE PORTLAND PUBLIC SCHOOLS CURRICULUM LIBRARY. (NJ)

VT 103 066  
HOW TO USE COMMUNITY RESOURCES  
(APPENDIX K OF THE FINAL REPORT).

INSTITUTE FOR PUBLIC AFFAIRS  
RESEARCH, INC., PORTLAND, OREG.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 19P.;  
RELATED DOCUMENTS VT 103 150, VT  
103 151, AND VT 103 061 THROUGH VT  
103 066 IN THIS ISSUE.

DESCRIPTORS - \*COMMUNITY RESOURCES;  
\*CAREER EDUCATION; \*RESOURCE  
GUIDES; FIELD TRIPS; WORK  
EXPERIENCE PROGRAMS  
IDENTIFIERS - PORTLAND; OREGON

ABSTRACT - THIS APPENDIX TO THE

GENERAL DESCRIPTION OF THESE USES,  
GEOGRAPHIC AREA OF AVAILABILITY,  
GRADE LEVEL, STUDENT PARTICIPATION,  
AND REQUEST PROCEDURES. A  
REPRESENTATIVE LIST OF OCCUPATIONS  
BY GENERAL OCCUPATIONAL AREA IS  
INCLUDED ALONG WITH A CITIZENSHIP  
TOPICS LIST, AN OCCUPATIONAL FIELD  
TRIP LIST, AND A COOPERATIVE WORK  
EXPERIENCE LIST. (NJ)

VT 103 067  
EMERGENCY CARE AND TRANSPORTATION  
OF THE SICK AND INJURED.

AMERICAN ACADEMY OF ORTHOPAEDIC  
SURGEONS, CHICAGO, ILL. COMMITTEE  
ON INJURIES.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
AMERICAN ACADEMY OF ORTHOPAEDIC  
SURGEONS, 430 NORTH MICHIGAN  
AVENUE, CHICAGO, ILLINOIS 60611.  
PUB DATE - 71 323P.

DESCRIPTORS - \*HEALTH OCCUPATIONS  
EDUCATION; \*TEXTBOOKS; \*EMERGENCY  
SQUAD PERSONNEL; MEDICAL SERVICES

ABSTRACT - THE TEXT WAS PREPARED TO  
PROVIDE A STANDARD EDUCATIONAL  
REFERENCE FOR THE EMERGENCY MEDICAL  
TECHNICIAN, PARTICULARLY FOR THOSE  
TECHNICIANS WHO ARE JUST ENTERING  
THE FIELD. THE TEXT WAS DEVELOPED  
TO BE: (1) COMPREHENSIVE ENOUGH TO  
MEET THE FULL REQUIREMENTS OF A  
CONCENTRATED TRAINING COURSE  
CONDUCTED ANNUALLY BY THE COMMITTEE  
ON INJURIES OF THE AMERICAN ACADEMY  
OF ORTHOPAEDIC SURGEONS, (2) CLEAR  
ENOUGH TO BE UNDERSTOOD BY THOSE  
WITH LIMITED PREVIOUS TRAINING, AND  
(3) SUFFICIENTLY ILLUSTRATED TO  
PROVIDE NOT ONLY BASIC FACTUAL  
INFORMATION BUT IN SOME DEGREE TO

CHERRINGTON, DON  
METRIC WORKSHOP FOR TEACHERS.  
TEACHER TRAINING. BOOK SIX.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
WILLOW HOUSE PUBLISHERS, P.O. BOX  
129, STOCKTON, CALIFORNIA 95201.  
(\$2.50 EA.)  
PUB DATE - 74 43P.

DESCRIPTORS - \*METRIC SYSTEM;  
\*TEACHER WORKSHOPS; \*INSERVICE  
TEACHER EDUCATION; \*LEARNING  
ACTIVITIES; \*MEASUREMENT;  
ELEMENTARY SCHOOL TEACHERS;  
SECONDARY SCHOOL TEACHERS;  
WORKBOOKS

ABSTRACT - THE BOOKLET CONTAINS  
MATERIALS DEVELOPED FOR A WORKSHOP  
ON AN INTRODUCTION TO METRIC  
MEASURE FOR ELEMENTARY AND JUNIOR  
HIGH SCHOOL TEACHERS. THE WORKSHOP  
WAS DESIGNED TO PROVIDE THE  
PARTICIPANTS WITH A VARIETY OF  
METRIC MEASURING EXPERIENCES. THE  
ACTIVITIES ARE ORGANIZED UNDER FIVE  
MAJOR TOPICS: LINEAR MEASUREMENT,  
WEIGHT, AREA, VOLUME, CAPACITY  
MEASURE, AND TEMPERATURE. PRESENTED  
FOR EACH TOPIC ARE THE SPECIFIC  
OBJECTIVE, MATERIAL REQUIRED, AND  
LIST OF ACTIVITIES TO BE COMPLETED.  
THE SECTION ON LINEAR MEASUREMENT  
IS THE LARGEST, INVOLVING 39  
ACTIVITIES TO BE COMPLETED IN A ONE  
AND ONE-HALF HOUR SESSION. ALSO  
INCLUDED IN THE DOCUMENT ARE THE  
WORKSHOP AGENDA, INSTRUCTIONS FOR A  
GROUP DISCUSSION ON TEACHING THE  
METRIC SYSTEM, AND A PLANNING AND  
EVALUATION FORM FOR A METRIC  
PROJECT TO BE COMPLETED AT THE  
PARTICIPANT'S SCHOOL. AN EIGHT-PAGE  
INSTRUCTOR'S GUIDE ACCOMPANIES THE

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. S07 \$65.00 (4 BOOKS WITH SLIDES  
AND TAPES.))  
PUB DATE - 74 95P.; RELATED  
DOCUMENTS VT 103 069 THROUGH VT 103  
072 IN THIS ISSUE.

DESCRIPTORS - \*TEACHER AIDES;  
\*CAREER EDUCATION; \*INSTRUCTIONAL  
PROGRAMS; \*LEARNING ACTIVITIES;  
\*INSTRUCTOR COORDINATORS; MANUALS;  
SCRIPTS; INSERVICE PROGRAMS

ABSTRACT - THIS MANUAL WAS  
DEVELOPED FOR THE INSTRUCTOR  
COORDINATOR OF AN INSERVICE PROGRAM  
DESIGNED TO CREATE AN AWARENESS IN  
TEACHER AIDES, TEACHERS, AND  
ADMINISTRATORS OF THE POTENTIAL  
CONTRIBUTION OF TEACHER AIDES TO  
COMPREHENSIVE CAREER EDUCATION. ONE  
OF A FOUR-VOLUME SERIES, THIS  
MODULE CONSISTS OF SIX GROUP  
ACTIVITIES WHICH PRESENT TOPICS  
RELEVANT TO TEACHER AIDES AT AN  
AWARENESS LEVEL. THE ACTIVITIES ARE  
ENTITLED: TRADITIONAL TEACHER AIDE  
TASKS; A NEW VIEW OF TRADITIONAL  
TEACHER AIDE TASKS; NEW  
COMPREHENSIVE CAREER EDUCATION  
TEACHER AIDE TASKS; CHARACTERISTICS  
OF A "GOOD" TEACHER AIDE; THE ROLE  
OF THE TEACHER AIDE ON THE TEACHER-  
TEACHER AIDE TEAM; AND EFFECTIVE  
COMMUNICATION. THE ACTIVITIES  
INCLUDE PURPOSE, PROCEDURES,  
FOLLOWUP ACTIVITIES. AND REQUIRED

NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. S07I, MODULE I \$18.50 EA.; S07  
\$29.00 (3 BOOKS); S07 \$65.00 (4  
BOOKS WITH SLIDES AND TAPES.)  
PUB DATE - 74 83P.; RELATED  
DOCUMENTS VT 103 069 THROUGH VT 103  
072 IN THIS ISSUE.

DESCRIPTORS - \*TEACHER AIDES;  
\*CAREER EDUCATION; \*ADMINISTRATOR  
EDUCATION; STUDY GUIDES;  
\*WORKBOOKS; \*LEARNING ACTIVITIES;  
INSTRUCTIONAL PROGRAMS; INSERVICE  
PROGRAMS; INDIVIDUALIZED  
INSTRUCTION

ABSTRACT - THIS STUDY GUIDE FOR  
ADMINISTRATORS IS ONE OF A FOUR-  
MODULE SERIES TO BE USED IN AN  
INSERVICE PROGRAM DESIGNED TO  
CREATE AN AWARENESS IN TEACHER  
AIDES, TEACHERS, AND ADMINISTRATORS  
OF THE POTENTIAL CONTRIBUTION OF  
TEACHER AIDES TO COMPREHENSIVE  
CAREER EDUCATION. THIS WORKBOOK  
CONSISTS OF LEARNING ACTIVITIES  
THAT SUPPORT INFORMATION PRESENTED  
IN ACCOMPANYING SLIDE-TAPE  
PRESENTATIONS ABOUT THE POTENTIAL  
ROLE OF TEACHER AIDES IN CAREER  
EDUCATION PROGRAMS. THE MAJOR  
TOPICS ARE: ARE TEACHER AIDES  
NECESSARY?; TEACHER AIDE TASKS; AND  
THE ROLE OF TEACHER AIDES. FOR EACH  
MAJOR TOPIC THE GUIDE INCLUDES THE  
STATED PURPOSE, A REVIEW OF THE  
RELATED SLIDE-TAPE PRESENTATION,  
AND SEVERAL LEARNING ACTIVITIES.  
(NJ)

ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. S07II, MODULE II \$13.00 EA.;  
S07 \$29.00 (3 BOOKS); S07 \$65.00 (4  
BOOKS WITH SLIDES AND TAPES.)  
PUB DATE - 74 127P.; RELATED  
DOCUMENTS VT 103 069 THROUGH VT 103  
072 IN THIS ISSUE.

DESCRIPTORS - \*TEACHER AIDES;  
\*CAREER EDUCATION; \*INSERVICE  
TEACHER EDUCATION; \*WORKBOOKS;  
\*LEARNING ACTIVITIES; INSTRUCTIONAL  
PROGRAMS; INDIVIDUALIZED  
INSTRUCTION; STUDY GUIDES

ABSTRACT - THIS STUDY GUIDE FOR  
TEACHERS IS ONE OF A FOUR-VOLUME  
SERIES OF MODULES TO BE USED IN AN  
INSERVICE PROGRAM DESIGNED TO  
CREATE AN AWARENESS IN TEACHER  
AIDES, TEACHERS, AND ADMINISTRATORS  
OF THE POTENTIAL CONTRIBUTION OF  
TEACHER AIDES TO CAREER EDUCATION.  
THIS WORKBOOK, DESIGNED TO  
ACCOMPANY SLIDE-TAPE PRESENTATIONS,  
CONSISTS OF THREE PARTS: ARE  
TEACHER AIDES NECESSARY?; TEACHER  
AIDE TASKS; AND THE ROLE OF TEACHER  
AIDES. EACH PART INCLUDES THE  
STATED PURPOSE, A REVIEW OF THE  
RELATED SLIDE-TAPE PRESENTATION,  
AND SEVERAL LEARNING ACTIVITIES.  
(NJ)

VT 103 072  
TEACHER AIDES IN COMPREHENSIVE  
CAREER EDUCATION. AN IN-SERVICE  
TRAINING PROGRAM FOR THE TEACHER  
AIDE. MODULE III.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN MF OR HC

ACTIVITIES; INSTRUCTIONAL PROGRAMS;  
INDIVIDUALIZED INSTRUCTION; STUDY  
GUIDES; TEACHING TECHNIQUES;  
COMMUNICATION SKILLS; STAFF ROLE

ABSTRACT - THIS STUDY GUIDE FOR  
TEACHER AIDES IS ONE OF A FOUR-  
VOLUME SERIES OF MODULES TO BE USED  
IN AN INSERVICE PROGRAM DESIGNED TO  
CREATE AN AWARENESS IN TEACHER  
AIDES, TEACHERS, AND ADMINISTRATORS  
OF THE POTENTIAL CONTRIBUTION OF  
TEACHER AIDES TO CAREER EDUCATION.  
THIS WORKBOOK, DESIGNED TO  
ACCOMPANY SLIDE-TAPE PRESENTATIONS,  
CONSISTS OF FOUR MODULES: THE ROLE  
OF THE TEACHER AIDE IN CAREER  
EDUCATION; ROLE IDENTIFICATION AND  
TEAM BUILDING SKILLS; COMMUNICATION  
SKILLS; AND INSTRUCTION TECHNIQUES  
RELEVANT TO CAREER EDUCATION.  
MODULE I IS DIVIDED INTO THE  
SUBTOPICS: ARE TEACHER AIDES  
NECESSARY?, TEACHER AIDE TASKS, AND  
THE ROLE OF TEACHER AIDES. MODULE  
II CONSISTS OF THE SUBTOPICS: YOUR  
ROLE AS A TEAM MEMBER AND HOW TO  
BECOME A BETTER TEAM MEMBER. EACH  
PART IN MODULES I AND II INCLUDES  
STATED PURPOSE, A REVIEW OF RELATED  
SLIDE-TAPE PRESENTATION, AND  
LEARNING ACTIVITIES. MODULE III  
INCLUDES THE ABOVE COMPONENTS PLUS  
SOME BACKGROUND INFORMATION ON  
DEVELOPING COMMUNICATION SKILLS.  
MODULE IV INTRODUCES SOME  
INSTRUCTIONAL TECHNIQUES WITH  
EXAMPLES OF HOW THEY MIGHT BE USED  
IN CAREER EDUCATION PROGRAMS. AN  
OVERVIEW, RELATED ACTIVITIES, AND  
LEARNING ACTIVITIES ARE INCLUDED  
FOR THE FOLLOWING TECHNIQUES: STUDY  
TRIPS, RESOURCE PERSONS,  
INTERVIEWING, GROUP DISCUSSIONS,  
ROLE PLAYING, AND AUDIOVISUAL

DOCUMENT VT 103 074 IN THIS ISSUE.

DESCRIPTORS - \*OCCUPATIONAL  
CLUSTERS; \*COMMUNICATIONS; \*MASS  
MEDIA; \*OCCUPATIONAL INFORMATION

ABSTRACT - ONE OF THE SCIENCE  
RESEARCH ASSOCIATES JOB FAMILY  
SERIES, THIS BOOKLET PROVIDES  
INFORMATION ABOUT JOBS IN  
COMMUNICATIONS AND THE MEDIA,  
DESCRIBING KEY JOBS IN BOOK,  
NEWSPAPER, AND MAGAZINE PUBLISHING;  
IN RADIO AND TELEVISION; IN  
ADVERTISING; AND IN THE PRINTING  
TRADES. IT ALSO TELLS HOW EACH JOB  
FITS INTO THE OVERALL PRODUCTION OF  
EACH KIND OF PUBLICATION OR  
PROGRAM. IN ADDITION TO INFORMATION  
ABOUT THE ACTUAL WORK INVOLVED IN  
EACH OF THE JOBS, THE BOOKLET  
INCLUDES A CHAPTER ON THE  
EDUCATIONAL AND TRAINING  
REQUIREMENTS OF THE VARIOUS  
OCCUPATIONS IN COMMUNICATIONS AND  
MEDIA. FINALLY, A FACT SHEET LISTS  
THE VARIOUS JOBS, THE AVERAGE  
SALARY RANGE, AND TELLS WHERE THE  
JOBS ARE FOUND. (NJ)

VT 103 074

JOBS IN HEALTH. JOB FAMILY SERIES.

SCIENCE RESEARCH ASSOCIATES, INC.,  
CHICAGO, ILL.  
DOCUMENT NOT AVAILABLE IN MF OR HC.  
SCIENCE RESEARCH ASSOCIATES, INC.,  
IBM, 259 EAST ERIE STREET, CHICAGO,  
ILLINOIS 60611. (ORDER NO. 5-1628).  
PUB DATE - 75 52P.; RELATED  
DOCUMENT VT 103 073 IN THIS ISSUE.

DESCRIPTORS - \*HEALTH OCCUPATIONS;  
\*OCCUPATIONAL INFORMATION;

DEALS WITH MEDICAL TECHNICIANS, THE VARIOUS TECHNICIANS AND TECHNOLOGISTS WHO WORK IN LABORATORIES AND HOSPITALS, USING THE METHODS AND EQUIPMENT OF MODERN HEALTH CARE. CHAPTER 5 DISCUSSES THE DIFFERENT KINDS OF THERAPISTS, AND CHAPTER 6 EXAMINES DENTISTS AND THE PEOPLE WHO WORK WITH THEM. CHAPTER 7 BRIEFLY DESCRIBES OTHER JOBS IN HEALTH, INCLUDING SOME FIELDS NOT COVERED IN EARLIER CHAPTERS. FINALLY, A FACT SHEET LISTS THE JOBS IN HEALTH, THE BASIC EDUCATIONAL AND TRAINING REQUIREMENTS, AND THE AVERAGE SALARY RANGE. (AUTHOR/NJ)

VT 103 075

TENNYSON, W. WESLEY; AND OTHERS  
EDUCATING FOR CAREER DEVELOPMENT.

MINNESOTA STATE DEPT. OF EDUCATION,  
ST. PAUL. PUPIL PERSONNEL SERVICES  
SECTION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUPIL PERSONNEL SERVICES, DIVISION  
OF INSTRUCTION, MINNESOTA  
DEPARTMENT OF EDUCATION, ST. PAUL,  
MINNESOTA 55101.

PUB DATE - 75 171P.

DESCRIPTORS - \*VOCATIONAL  
DEVELOPMENT; \*CURRICULUM  
DEVELOPMENT; \*CAREER EDUCATION;  
\*RESOURCE GUIDES; \*MODELS; SOCIAL  
ENVIRONMENT; ECONOMIC CLIMATE;  
PROCESS EDUCATION; BEHAVIORAL  
OBJECTIVES; SELF CONCEPT;  
VOCATIONAL COUNSELING; DECISION  
MAKING; ELEMENTARY SECONDARY  
EDUCATION

ABSTRACT - CAREER DEVELOPMENT

OF ENVIRONMENTAL EXPECTANCIES  
INFLUENCING CAREER DEVELOPMENT ARE  
DISCUSSED, AS WELL AS THE FUTURE OF  
WORK AND SOME FUNDAMENTAL  
ALTERATIONS IN THE ECONOMY WHICH  
HOLD SIGNIFICANCE FOR CAREER  
GUIDANCE. THE CONCEPTUAL STRUCTURE  
FOR THE DESCRIPTION OF CAREER  
DEVELOPMENT EDUCATION IS ELABORATED  
AND THE PROCESS MODEL OF A  
CURRICULUM-BASED PROGRAM FOR GRADES  
K-12 IS PRESENTED. ALSO PROVIDED  
ARE EXAMPLES OF STRATEGIES AND  
RESOURCES FOR IMPLEMENTATION WITH A  
FEW ILLUSTRATIVE PROGRAMS FOR  
EXAMINATION AND EVALUATION. AN  
APPENDIX IDENTIFIES CAREER  
MANAGEMENT TASKS ATTENDANT UPON THE  
STAGES OF PRIMARY, INTERMEDIATE,  
JUNIOR, SENIOR, AND POST HIGH  
SCHOOL. ALSO APPENDED IS AN OUTLINE  
OF INSTRUCTIONAL OBJECTIVES, GRADES  
K-12, SPECIFYING BEHAVIORS WHICH  
CHARACTERIZE EACH CAREER MANAGEMENT  
TASK AT THE LEVELS OF PRIMARY,  
INTERMEDIATE, JUNIOR, AND SENIOR  
HIGH SCHOOL. AN ANNOTATED LISTING  
OF CAREER EDUCATION REFERENCES AND  
RESOURCES COMPLETES THE DOCUMENT.  
(NJ)

VT 103 076

KEY, JAMES P., ED.  
PROCEEDINGS OF THE ANNUAL SOUTHERN  
REGION RESEARCH CONFERENCE IN  
AGRICULTURAL EDUCATION (24TH,  
OKLAHOMA STATE UNIVERSITY, JULY 29-  
31, 1975).

OKLAHOMA STATE UNIV., STILLWATER.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 121P.; PAGE  
17 CONTAINING A GRAPH OF THE PURDUE  
TEACHER ORIGINATED TO CORRELATE

RESEARCH STUDIES WHICH WERE GIVEN AT THE TWENTY-FOURTH ANNUAL MEETING OF THE SOUTHERN REGION RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION. THE PRESENTATIONS ARE ENTITLED: "RESEARCH IN AGRICULTURAL EDUCATION--PAST AND FUTURE," "RELATIONSHIP BETWEEN FIRST-YEAR TEACHERS' MORALE AND BEHAVIOR," "A SUMMARY OF THE NATIONAL STUDY OF COMPETENCIES REQUIRED IN COMMERCIAL SMALL-FRUIT PRODUCTION," "IMPLEMENTATION OF CAREER EDUCATION AS PERCEIVED BY ADMINISTRATORS," "VARIATION AMONG OCCUPATIONAL INTEREST PROFILES AND CHOICE OF COLLEGE EXHIBITED BY STUDENTS AT TEXAS A&M UNIVERSITY," "THE ROLE OF THE VOCATIONAL COUNSELOR IN TEXAS AS PERCEIVED BY VOCATIONAL DIRECTORS, VOCATIONAL COUNSELORS, SECONDARY SCHOOL PRINCIPALS, AND SECONDARY SCHOOL COUNSELORS," "THE INTELLECTIVE AND NON-INTELLECTIVE CHARACTERISTICS OF COLLEGE STUDENTS," "THE VOCATIONAL-TECHNICAL EDUCATION CONSORTIUM OF STATES (V-TECS)--PROGRESS AND PLANS," "OCCUPATIONAL CHOICE, TENURE AND SELECTED ASPECTS OF THE EMPLOYMENT PATTERNS OF MURRAY STATE UNIVERSITY GRADUATES QUALIFYING TO TEACH VOCATIONAL AGRICULTURE," "LINEAR PROGRAMMING FOR EDUCATION," AND "DEVELOPMENT AND UTILIZATION OF VIDEOTAPE TEACHING SKILLS MODELS IN VOCATIONAL-TECHNICAL TEACHER EDUCATION." PROGRAM AGENDA, PARTICIPANTS' LIST, AND BUSINESS MEETING MINUTES ARE APPENDED. (NJ)

VT 103 077

RODERICK, ROGER O.; KOHEN, ANDREW I.

YEARS FOR DECISION

WASHINGTON, D.C. 20402. (STOCK NUMBER 029-000-00258-4, \$2.20 EA.)  
PUB DATE - 76 112P.

DESCRIPTORS - \*LONGITUDINAL STUDIES; \*EMPLOYMENT EXPERIENCE; \*FEMALES; \*YOUNG ADULTS; \*OCCUPATIONAL ASPIRATION; WORKING WOMEN; TABLES (DATA); ACADEMIC ASPIRATION; SURVEYS

ABSTRACT - THE VOLUME IS AN INTERIM REPORT OF A LONGITUDINAL STUDY WHICH EXAMINES CHANGES IN THE EDUCATIONAL AND LABOR MARKET EXPERIENCES AMONG YOUNG WOMEN OVER THE PERIOD OF 1968 TO 1970. THE REPORT IS BASED UPON DATA COLLECTED FROM A NATIONAL PROBABILITY SAMPLE OF WOMEN IN THE CIVILIAN NONINSTITUTIONALIZED POPULATION WHO WERE 14 TO 24 YEARS OF AGE AT THE TIME OF THE INITIAL SURVEY (JANUARY/FEBRUARY 1968). INTENDED SIMPLY AS A PROGRESS REPORT ON THE LONGITUDINAL STUDY, THE PRINCIPAL FOCUS IS ON THE MAGNITUDE AND PATTERNS OF CHANGES IN EDUCATIONAL AND OCCUPATIONAL ASPIRATION, IN LABOR FORCE PARTICIPATION, AND IN AFFILIATIONS WITH PARTICULAR FIRMS. THE FIRST CHAPTER BRIEFLY EXAMINES THE EXTENT OF ATTRITION FROM THE SAMPLE AND OF MOVEMENT OUT OF THE FORMAL SCHOOL SYSTEM AND ANALYZES THE CHANGES THAT OCCURRED IN THE ASPIRATIONS OF YOUNG WOMEN. THE FOCUS OF CHAPTER TWO IS UPON STABILITY AND CHANGE IN THE LABOR FORCE AND EMPLOYMENT STATUS OF THOSE WOMEN WHO WERE OUT OF WORK DURING THE ENTIRE PERIOD. CHAPTER THREE CONTAINS AN EXAMINATION OF MOVEMENT BETWEEN EMPLOYERS, AND A

NEVADA STATE DEPT. OF EDUCATION,  
CARSON CITY. DIV. OF VOCATIONAL-  
TECHNICAL AND ADULT EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 30P.

DESCRIPTORS - \*ADULT EDUCATION;  
\*STATE SURVEYS; \*ENROLLMENT; ADULT  
BASIC EDUCATION; ADULT VOCATIONAL  
EDUCATION; \*EDUCATIONAL PROGRAMS;  
POST SECONDARY EDUCATION; HIGH  
SCHOOL EQUIVALENCY PROGRAMS;  
\*STATISTICAL SURVEYS  
IDENTIFIERS - NEVADA

ABSTRACT - DEPENDENT UPON THE  
COOPERATION OF ALL EDUCATIONAL  
AGENCIES INVOLVED IN ADULT  
EDUCATION, THE SURVEY HAS BEEN A  
CONTINUOUS SERVICE PROVIDED BY THE  
STATE DEPARTMENT OF EDUCATION,  
VOCATIONAL-TECHNICAL AND ADULT  
EDUCATION BRANCH, SINCE 1954.  
ENROLLMENT FIGURES ARE SHOWN FOR  
THE FOLLOWING TYPES OF PROGRAMS BY  
EDUCATIONAL AGENCY: ADULT BASIC  
EDUCATION, ADULT OCCUPATIONAL  
EDUCATION, OCCUPATIONAL  
POSTSECONDARY EDUCATION, ADULT HIGH  
SCHOOL DIPLOMA, MANPOWER  
DEVELOPMENT AND TRAINING, COMMUNITY  
SERVICE, AND CIVIL DEFENSE ADULT  
EDUCATION. FOR EACH EDUCATIONAL  
AGENCY, (SCHOOL DISTRICTS,  
COLLEGES, THE HIGHWAY DEPARTMENT,  
AND STATE PRISON) ENROLLMENT  
FIGURES ARE SHOWN BY PROGRAM AREAS  
AND TYPE OF PROGRAM. (AUTHOR/RG)

VT 103 079

A SPECIAL PROJECT DESIGNED TO OFFER  
OCCUPATIONAL INFORMATION TO ADULTS  
IN ABE CLASSES AND TO RESEARCH THE  
PERFORMANCES OF THOSE STUDENTS

INFORMATION; \*SURVEYS; \*FOLLOWUP  
STUDIES; \*PROGRAM DESCRIPTIONS;  
PROGRAM EVALUATION; OCCUPATIONAL  
GUIDANCE  
IDENTIFIERS - OKLAHOMA

ABSTRACT - THE GOALS OF THIS  
PROJECT WERE TO PROVIDE  
OCCUPATIONAL INFORMATION TO ADULT  
BASIC EDUCATION STUDENTS AND TO  
RESEARCH THE EFFECTIVENESS OF THE  
PROJECT THROUGH A FOLLOWUP SURVEY.  
THE GEOGRAPHIC AREA SERVED INCLUDED  
FIVE COUNTIES IN NORTHEASTERN  
OKLAHOMA. NEEDS AND INTERESTS OF  
STUDENTS ENROLLED IN ADULT BASIC  
EDUCATION COURSES WERE ASSESSED BY  
QUESTIONNAIRE. COUNSELOR INTERVIEWS  
WITH INTERESTED STUDENTS FOLLOWED,  
WHICH FOCUSED ON JOB REQUIREMENTS  
AND QUALIFICATIONS, PREPARATION,  
AND TRAINING. GUEST LECTURERS--  
VOCATIONAL-TECHNICAL PERSONNEL,  
BUSINESS LEADERS, AND COMMUNITY  
ACTION REPRESENTATIVES--ALSO  
PARTICIPATED. A FOLLOWUP EVALUATION  
INSTRUMENT WAS SENT TO DETERMINE  
STUDENT PROGRESS IN SEEKING FURTHER  
TRAINING OR EMPLOYMENT. THE  
FOLLOWUP PROCEDURE IS DETAILED IN  
THE REPORT, AND THE RESULTS OF THE  
SURVEY ARE ANALYZED. THE RESULTS  
INDICATED THAT 59 PERCENT HAD TAKEN  
THE FIRST STEP IN PURSUING CAREER  
DEVELOPMENT, THE MAJOR GOAL OF THE  
PROJECT. AMONG THE CONCLUSIONS WERE  
THE FINDINGS THAT MOST STUDENTS HAD  
NO CONCEPT OF THE OCCUPATIONAL AND  
TRAINING OPPORTUNITIES AVAILABLE.  
IT WAS ALSO FOUND THAT STUDENTS  
ADOPTED A MORE REALISTIC APPROACH  
TO SEEKING SHORT TERM GOALS WHEN  
KNOWLEDGE OF JOB QUALIFICATIONS WAS  
ACQUIRED. BOTH THE INITIAL NEEDS

PUB DATE - 75 34P.

DESCRIPTORS - \*ANNUAL REPORTS;  
 \*VOCATIONAL EDUCATION; PROGRAM  
 EVALUATION; \*ADVISORY COMMITTEES;  
 \*STATE PROGRAMS  
 IDENTIFIERS - \*NORTH DAKOTA

ABSTRACT - THIS ANNUAL REPORT OF THE NORTH DAKOTA STATE ADVISORY COUNCIL FOR VOCATIONAL EDUCATION REVIEWS AND EVALUATES THE GOALS, OBJECTIVES, AND ACCOMPLISHMENTS OF VOCATIONAL EDUCATION IN THE STATE FOR FISCAL YEAR 1975. THE STATE ADMINISTRATIVE STAFF FOR VOCATIONAL EDUCATION IS LISTED WITH AREAS OF ASSIGNED RESPONSIBILITY, AND 11 RECOMMENDATIONS OF THE COUNCIL FOR THE YEAR 1976 ARE PRESENTED. ACCOMPLISHMENT OF THE GOALS AND OBJECTIVES OF THE STATE BOARD IS EVALUATED AND THE RESULTS ARE PRESENTED BY ENROLLMENT FIGURES IN TERMS OF OUTCOME SOUGHT COMPARED TO ACTUAL ACHIEVEMENT. THE COUNCIL EXAMINES PRIORITIES AND PROBLEMS RELATED TO VOCATIONAL EDUCATION AND RESPONDS TO HOW THESE ARE BEING ADDRESSED BY THE STATE BOARD. FIVE AREAS OF SPECIAL CONCERN HAVING RELEVANCE TO NATIONAL IMPLICATIONS FOR VOCATIONAL EDUCATION ARE EXAMINED IN TERMS OF SIGNIFICANT DEVELOPMENTS, CONCERNS, AND RELATED STATE BOARD GOALS. THE RECOMMENDATIONS OF 1974 ARE REVIEWED IN LIGHT OF THE ACTION TAKEN IN RESPONSE BY THE STATE BOARD, AND THE COUNCIL'S RESOLUTIONS FOR 1975 ARE PRESENTED. LISTS OF THE YEAR'S COUNCIL ACTIVITIES AND THE COUNCIL MEMBERS COMPLETE THE REPORT. (NJ)

PUB DATE - ND 107P.

DESCRIPTORS - \*CAREER EDUCATION;  
 \*TEACHER EDUCATORS; \*TEACHER  
 WORKSHOPS; SPEECHES; \*CONFERENCE  
 REPORTS; \*NATIONAL PROGRAMS

ABSTRACT - THIS DOCUMENT PRESENTS THE SUMMATION OF THE DEVELOPMENTS AND ACTIVITIES OF A PROGRAM OF NATIONAL WORKSHOPS TO CREATE AWARENESS AND UNDERSTANDING AMONG TEACHER EDUCATORS OF THE CONCEPT OF CAREER EDUCATION AND TO CONCENTRATE ON METHODS BY WHICH IT CAN BE INTEGRATED INTO PRESERVICE TEACHER EDUCATION CURRICULUMS. THE FOCUS OF THE WORKSHOPS CENTERED ON THE CONCEPTUAL FOUNDATION OF CAREER EDUCATION AND THE IMPLICATIONS FOR EDUCATIONAL PERSONNEL DEVELOPMENT. PARTICIPANTS INCLUDED ADMINISTRATIVE AND TEACHING PERSONNEL FROM TEACHER EDUCATION INSTITUTIONS AND STATE COORDINATORS OF CAREER EDUCATION. NATIONALLY RECOGNIZED LEADERS IN CAREER EDUCATION MADE PRESENTATIONS IN WHICH THEY RELATED THEIR PROGNOSIS OF THE MOVEMENT AND THE IMPLICATIONS FOR TEACHER EDUCATION. THE PARTICIPANTS CONVENED IN SMALL GROUPS OF THEIR DISCIPLINE AREA TO DISCUSS THE PHILOSOPHICAL FOUNDATIONS OF CAREER EDUCATION AND TO REVIEW AND EXAMINE VARIOUS PROCEDURES FOR INFUSING CAREER EDUCATION INTO THE TEACHER EDUCATION CURRICULUM. GENERAL SESSION PRESENTATIONS ARE INCLUDED IN THESE PROCEEDINGS UNDER THE GENERAL HEADINGS OF PREVALENT CAREER EDUCATION CONCEPTS AND CAREER EDUCATION IN THE LOCAL

## SERVICE AGENCY. YEARLY REPORT.

WEST VIRGINIA STATE DEPT. OF  
EDUCATION, CHARLESTON. BUREAU OF  
VOCATIONAL, TECHNICAL, AND ADULT  
EDUCATION.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-5295

PUB DATE - JUN75 155P.; PAGES  
156 THROUGH 214, APPENDIX G,  
CONTAINING XEROXED NEWSPAPER  
PUBLICITY MATERIALS WERE NOT  
REPRODUCIBLE AND WERE REMOVED. THEY  
ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION;  
\*DEVELOPMENTAL PROGRAMS; \*REGIONAL  
PROGRAMS; \*RESOURCE MATERIALS;  
VOCATIONAL DEVELOPMENT; ELEMENTARY  
SECONDARY EDUCATION; INSERVICE  
TEACHER EDUCATION; \*PROGRAM  
DESCRIPTIONS

ABSTRACT - COVERING THE TIME PERIOD  
FROM JULY 1, 1974 TO JUNE 30, 1975,  
THE REPORT (21 PAGES) PRESENTS THE  
GOALS AND OBJECTIVES, PROCEDURES,  
RESULTS, AND ACCOMPLISHMENTS OF THE  
SECOND YEAR OF A THREE-YEAR  
REGIONAL CAREER EDUCATION PROJECT.  
MAJOR EMPHASIS DURING THE YEAR WAS  
DIRECTED TOWARD INCREASING THE  
IMPLEMENTATION OF CAREER EDUCATION  
ACTIVITIES. INSERVICE TRAINING  
INCLUDED USE OF THE SINGER GRAFLEX  
EVALUATION PROGRAM, WHICH OFFERED  
PROFESSIONALS THE OPPORTUNITY TO  
EXPERIENCE "HANDS-ON" ACTIVITIES  
RELATED TO JOB CLUSTERS. A CATALOG  
OF CAREER EDUCATION RESOURCE  
MATERIALS WAS PREPARED AND  
DISTRIBUTED TO SCHOOLS.

## EDUCATION ACTIVITIES. (RG)

VT 103 083

WE ARE TOMORROW.

FARGO PUBLIC SCHOOLS, N. DAK.  
NORTH DAKOTA STATE BOARD FOR  
VOCATIONAL EDUCATION, BISMARCK.;  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - NO 31P.

DESCRIPTORS - \*SCHOOL SURVEYS;  
\*HIGH SCHOOL STUDENTS; SENIOR HIGH  
SCHOOLS; GRADE 11; GRADE 12; STATE  
SURVEYS; \*STUDENT ATTITUDES;  
\*STUDENT OPINION; \*OCCUPATIONAL  
INFORMATION; GOAL ORIENTATION  
IDENTIFIERS - NORTH DAKOTA  
ASSOCIATION OF STUDENT COUNCILS

ABSTRACT - THE PURPOSE OF THE STUDY  
WAS: (1) TO SURVEY AND ANALYZE THE  
OPINION OF HIGH SCHOOL STUDENTS  
TOWARD THEIR KNOWLEDGE OF CAREER  
INFORMATION, (2) TO DETERMINE IF  
PUBLIC SECONDARY EDUCATION IS  
GIVING ADEQUATE CAREER AND  
OCCUPATIONAL INFORMATION, AND (3)  
TO DETERMINE WHERE STUDENTS WERE  
LEARNING ABOUT CAREERS. A TOTAL OF  
7,456 ELEVENTH AND TWELFTH GRADE  
STUDENTS FROM 45 SCHOOLS  
PARTICIPATED IN THE QUESTIONNAIRE  
SURVEY. RESULTS ARE SHOWN BY THE  
VARIABLES OF SEX, GRADE, AND SIZE  
OF SCHOOL. CONCLUSIONS ARE DRAWN  
FROM THE FINDINGS, AND A  
DESCRIPTIVE SUMMARY OF RESULTS IS  
PRESENTED. APPENDED IS THE  
QUESTIONNAIRE. (AUTHOR/RG)

DESCRIPTORS - \*CAREER EDUCATION;  
 \*ELEMENTARY SECONDARY EDUCATION;  
 \*PROGRAM DESCRIPTIONS; RURAL AREAS;  
 \*DEVELOPMENTAL PROGRAMS;  
 COMPREHENSIVE PROGRAMS

ABSTRACT - COVERING THE TIME PERIOD FROM OCTOBER 1, 1974 TO SEPTEMBER 30, 1975, THE GOALS, OBJECTIVES, MAJOR ACTIVITIES, AND ACCOMPLISHMENTS OF THE YEAR ARE SUMMARIZED IN A FIVE-PAGE REPORT. EMPHASIZED ARE ACTIVITIES OF THE SCHOOL COUNSELORS AND INSERVICE WORKSHOPS. PROJECT ACCOMPLISHMENTS ARE DETAILED IN THE APPENDIXES (84 PAGES) WHICH CONTAIN THE FOLLOWING: (1) SAMPLE COPIES OF THE MONTHLY NEWSLETTER, "THE CAREER CORNER;" (2) FORM DEVELOPED FOR FIELD TRIP EVALUATION; (3) A 31-PAGE LISTING OF THE CLASSROOM ACTIVITIES AND FIELD TRIPS AT ALL GRADE LEVELS FOR EACH THREE MONTH PERIOD; (4) A 32-PAGE DESCRIPTION OF THE HIGH SCHOOL CAREER UNIT DESIGNED TO FAMILIARIZE THE STUDENT WITH AVAILABLE CAREER EDUCATION MATERIALS AND SERVICES; AND (5) A SUMMARY OF TRADITIONAL VOCATIONAL COURSE OFFERINGS AT THE JUNIOR AND SENIOR HIGH SCHOOLS. (RG)

VT 103 085  
 CAREER AWARENESS RESOURCE CENTER.  
 FINAL REPORT.

BEAVERTON SCHOOL DISTRICT 48, OREG.  
 OREGON STATE DEPT. OF EDUCATION,  
 SALEM. CAREER PROGRAM DEVELOPMENT  
 AND EVALUATION UNIT.; OFFICE OF  
 EDUCATION (DHEW), WASHINGTON, D.C.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.

UNDER A WIDE VARIETY OF CLASSIFICATIONS WHICH COMPLEMENT MANY DIFFERENT TEACHING APPROACHES. THE SYSTEM DEVELOPED WAS FIELD TESTED IN FOUR ELEMENTARY SCHOOLS FOR TWO MONTHS, AND A REVISED CATALOG DISTRIBUTED TO ALL 28 DISTRICT ELEMENTARY DISTRICT SCHOOLS IN SEPTEMBER 1975. BASED UPON A REVIEW OF THE UTILIZATION OF THE CATALOG, RECOMMENDATIONS ARE MADE FOR THE CONDUCT OF SIMILAR PROJECTS. THE 107-PAGE CATALOG IS INCLUDED IN THE DOCUMENT. ENTRIES ARE ARRANGED BY CAREER CLUSTER, GOAL STATEMENT, LIFE ROLE, AND SUBJECT. EACH ENTRY INCLUDES: GRADE LEVEL, OVERALL RATING (EXCELLENT OR SATISFACTORY), LOCATION, CALL NUMBER, AND PUBLISHER. THE CATALOG ALSO CONTAINS A LIST OF PUBLISHERS AND AN ANNOTATED ALPHABETICAL LISTING OF THE MATERIALS. INCLUDED IN THE DOCUMENT IS THE REPORT OF A THIRD PARTY EVALUATION CONDUCTED IN JANUARY 1976. THE EVALUATORS EXAMINED THE ASSUMPTIONS UPON WHICH THE PROJECT WAS BASED, AND INTERVIEWED A RANDOM SAMPLE OF 50 TEACHERS AND EIGHT LIBRARIANS TO DETERMINE THEIR ATTITUDES TOWARD THE CATALOG AND THE EXTENT OF CAREER AWARENESS ACTIVITIES. RENEWED EFFORT FOR TRAINING IN USE OF THE SYSTEM WAS RECOMMENDED. APPENDED ARE THE INTERVIEW QUESTIONS AND RESPONDENT COMMENTS. (RG)

VT 103 086  
 GILPATRICK, ELEANOR  
 AN INTRODUCTION TO THE WORK OF THE HEALTH SERVICES MOBILITY STUDY AS OF APRIL 1975. TECHNICAL REPORT NO.

SERVICE, SPRINGFIELD, VIRGINIA  
22151.

PUB DATE.- JAN76 74P.

DESCRIPTORS - \*METHODS RESEARCH;  
\*TASK ANALYSIS; \*CURRICULUM DESIGN;  
\*SYSTEMS APPROACH; \*SKILL ANALYSIS;  
CAREER LADDERS; MANPOWER  
UTILIZATION; OCCUPATIONAL MOBILITY;  
RESEARCH PROJECTS; TASK  
PERFORMANCE; JOB SKILLS; HEALTH  
SERVICES; JOB ANALYSIS; EVALUATION  
METHODS

ABSTRACT - THE DOCUMENT IS A TWO-  
YEAR PROGRESS REPORT ON THE  
RESEARCH OF A FEDERALLY FUNDED  
PROJECT CONCERNED SINCE 1967 WITH  
THE DEVELOPMENT AND APPLICATION OF  
METHODS TO ANALYZE THE WAYS AN  
EMPLOYER ORGANIZES WORK, HOW  
EMPLOYEES CAN LEARN TO DO IT, AND  
HOW EMPLOYEES CAN BE CREDITED FOR  
WORK PERFORMANCE AND PREPARATION.  
THE OBJECTIVES WERE TO CREATE A NEW  
METHODOLOGY FOR JOB AND TASK  
ANALYSIS WHICH WOULD MAKE POSSIBLE  
THE DESIGN OF JOB LADDERS,  
EDUCATIONAL LADDERS, AND  
PERFORMANCE EVALUATION INSTRUMENTS.  
ALTHOUGH RESEARCH HAS BEEN  
CONDUCTED IN THE HEALTH SERVICES  
FIELD, THE SYSTEM DEVELOPED IS  
APPLICABLE TO ANY OCCUPATION OR  
INDUSTRY TO ATTAIN EFFICIENT  
MANPOWER UTILIZATION, ELIMINATE  
OCCUPATIONAL SHORTAGES, AND PROMOTE  
UPWARD MOBILITY. THE RATIONALE AND  
OBJECTIVES OF THE PROJECT ARE  
DESCRIBED, AND A LIST OF DOCUMENTS  
CURRENTLY AVAILABLE AND ANTICIPATED  
IS PRESENTED. APPENDIX A IS A  
SUMMARY OF THE TASK ANALYSIS AND  
JOB LADDER METHODOLOGY DEVELOPED.

VT 103 087

BLAIR, CHARLES; CHAPMAN, DARRELL L.  
MODEL CAREER PLACEMENT SERVICE  
"PACE" (PLACEMENT ACTIVITY IN  
CAREER EDUCATION). FINAL REPORT.

LA PORTE HIGH SCHOOL, IND.  
INDIANA STATE BOARD OF VOCATIONAL  
AND TECHNICAL EDUCATION,  
INDIANAPOLIS.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 31DEC75 32P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PROGRAM DEVELOPMENT; \*JOB  
PLACEMENT; \*COOPERATIVE PROGRAMS;  
\*PROGRAM DESCRIPTIONS; ELEMENTARY  
SECONDARY EDUCATION; POST SECONDARY  
EDUCATION; OCCUPATIONAL  
INFORMATION; SCHOOL INDUSTRY  
RELATIONSHIP

ABSTRACT - THIS REPORT DESCRIBES  
THE FIRST PHASE OF A PROJECT TO  
PROVIDE CAREER INFORMATION TO  
STUDENTS, K-POSTSECONDARY, AND TO  
PROVIDE A CLOSER WORKING  
RELATIONSHIP WITH SURROUNDING  
BUSINESSES AND INDUSTRIES WITHIN  
THE LAPORTE INDIANA COMMUNITY  
SCHOOLS SYSTEM. A STATEMENT OF THE  
PROBLEM IS PRESENTED AND PRIORITY  
AREAS ARE OUTLINED. STRATEGIES  
INVOLVED IN THE ORGANIZATION AND  
UTILIZATION OF THE ADVISORY  
COMMITTEE, THE GATHERING OF  
INFORMATION, AND THE COMMUNICATION  
WITH BUSINESSES AND INDUSTRIES ARE  
DESCRIBED. THE STRATEGIES THAT WILL  
CONSIST OF THE SECOND PHASE ARE  
ALSO LISTED IN TERMS OF PROJECT  
OUTCOMES--A JOB REFERRAL SYSTEM

## VT 103 088

POND, MARTIN T.; LUDLOW, R. RODMAN  
AN EVALUATION OF VOCATIONAL  
EDUCATION IN A RURAL SETTING.

INDIANA STATE BOARD OF VOCATIONAL  
AND TECHNICAL EDUCATION,  
INDIANAPOLIS.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 27P.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*PROGRAM EFFECTIVENESS;  
\*PROGRAM EVALUATION; \*COMPARATIVE  
ANALYSIS; \*OCCUPATIONAL CHOICE;  
RURAL SCHOOLS; SECONDARY EDUCATION  
IDENTIFIERS - SPENCER COUNTY;  
BENTON COUNTY; INDIANA

ABSTRACT - THIS REPORT DESCRIBES A  
STUDY TO COMPARE THE EFFECTS OF AN  
EXPANDED VOCATIONAL EDUCATION  
PROGRAM UPON THE CAREER INTENTIONS  
AND PLANS OF HIGH SCHOOL STUDENTS  
IN THE TWO RURAL INDIANA COUNTIES  
OF SPENCER AND BENTON. THE REPORT  
FIRST COMPARES THE OCCUPATIONAL  
DISTRIBUTION, EARNINGS, AND  
VOCATIONAL PROGRAMS OF THE TWO  
COUNTIES. IT WAS FOUND THAT IN THE  
BENTON COUNTY PROGRAM THERE WERE  
MORE PROGRAMS OFFERED, MORE  
VARIATION OF COURSES IN THE PROGRAM  
OFFERINGS, OPPORTUNITIES FOR  
COOPERATIVE COURSES, AND COURSE  
OFFERINGS FOR DISADVANTAGED  
STUDENTS. THE TWO PROGRAMS ARE ALSO  
COMPARED WITH RESPECT TO STUDENT  
CHARACTERISTICS AND INTENTIONS.  
INFORMATION WAS OBTAINED VIA  
QUESTIONNAIRES ADMINISTERED TO

SELECTED A CAREER ALTHOUGH IT DID  
IMPROVE BY THE TIME THEY WERE  
SENIORS. NUMEROUS TABLES THROUGHOUT  
THE REPORT DISPLAY THE COMPARATIVE  
DATA. (NJ)

## VT 103 089

WHITE, THOMAS R.  
THE DEVELOPMENT AND FIELD TESTING  
OF AN INDEPENDENT STUDY PROGRAM IN  
VOCATIONAL EDUCATION. A FEASIBILITY  
STUDY.

INDIANA UNIV., BLOOMINGTON.  
VOCATIONAL EDUCATION PROGRAM AREA.  
INDIANA STATE BOARD FOR VOCATIONAL  
AND TECHNICAL EDUCATION,  
INDIANAPOLIS.; OFFICE OF EDUCATION  
(DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - DEC75 141P.

DESCRIPTORS - \*VOCATIONAL  
EDUCATION; \*FEASIBILITY STUDIES;  
\*CORRESPONDENCE COURSES;  
\*CORRESPONDENCE STUDY; \*AUTO  
MECHANICS; INDEPENDENT STUDY; STATE  
PROGRAMS; SECONDARY EDUCATION; POST  
SECONDARY EDUCATION  
IDENTIFIERS - INDIANA

ABSTRACT - THE PURPOSE OF THIS  
PROJECT WAS TO EXPLORE THE  
FEASIBILITY OF USING THE  
CORRESPONDENCE STUDY CONCEPT AS A  
MEANS OF PROVIDING VOCATIONAL  
EDUCATION. A SEARCH OF THE  
LITERATURE SUPPLIED INFORMATION ON  
THE PAST USE OF CORRESPONDENCE  
STUDY. BASED ON THE RESULTS OF  
QUESTIONNAIRE SURVEYS OF VOCATIONAL  
ADMINISTRATORS AND CORRESPONDENCE

PARTICULAR COURSE. IN RESPONDING TO A FOLLOWUP QUESTIONNAIRE, STUDENTS CITED THE PROBLEM OF ACQUIRING TOOLS AND THE LACK OF IMMEDIATE FEEDBACK FOR QUESTIONS AND COMPLETED LESSONS AS TWO MAIN DISADVANTAGES OF THE PROGRAM. INCLUDED IN THE DOCUMENT IS A 13-PAGE BIBLIOGRAPHY. APPENDIXES CONTAIN A LIST OF VOCATIONAL CORRESPONDENCE COURSES AVAILABLE FROM DIFFERENT INSTITUTIONS, PROJECT CORRESPONDENCE, RESULTS OF THE QUESTIONNAIRE SURVEYS OF VOCATIONAL ADMINISTRATORS AND PERSONNEL OF INDIANA CORRESPONDENCE STUDY AGENCIES, AND THE STUDENT FOLLOWUP QUESTIONNAIRE. (AUTHOR/RG)

#### VT 103 090

THE CAREER EDUCATION INSTRUCTIONAL SYSTEM. INTERIM REPORT (JANUARY 1, 1975-DECEMBER 31, 1975).

NEWARK SCHOOL DISTRICT, DEL. DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. OEG-0-74-0955  
 PUB DATE - JAN76 217P.; RELATED DOCUMENT VT 103 091 IN THIS ISSUE. PAGES 140, 141, 143, 144, AND 191 THROUGH 202 CONTAINING CORRESPONDENCE AND PUBLICITY MATERIALS ARE NOT REPRODUCIBLE AND WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION; \*INSTRUCTIONAL SYSTEMS; \*SCHOOL COMMUNITY COOPERATION; \*GUIDANCE COUNSELING; DEMONSTRATION PROGRAMS; PROGRAM DEVELOPMENT; INFORMATION DISSEMINATION; ADVISORY COMMITTEES; TIME SHARING; OCCUPATIONAL INFORMATION; ELEMENTARY SECONDARY EDUCATION; INSERVICE PROGRAMS; STAFF UTILIZATION

ABSTRACT - COVERING THE CALENDAR YEAR 1975, THIS REPORT PRESENTS THE CAREER EDUCATION PLANNING, DEVELOPMENT, AND IMPLEMENTATION ACTIVITIES IN THE NEWARK SCHOOL DISTRICT, DELAWARE. AN EXEMPLARY PROJECT KNOWN AS THE CAREER

EDUCATION INSTRUCTIONAL SYSTEM WAS SET UP, INVOLVING COMMUNITY INTERACTION FOR RESOURCE PERSONS AND FIELD TRIP LOCATIONS. AGENCIES INITIATED FOR THIS INTERACTION WERE THE EDUCATIONAL RESOURCES ASSOCIATION (STAFFED BY A DISTRICT TEACHER AND MANAGEMENT PERSON FROM THE DUPONT COMPANY) AND THE NEWARK SCHOOL DISTRICT CAREER EDUCATION ADVISORY COUNCIL (INCLUDING CITY AND STATE EDUCATORS, BUSINESS, INDUSTRY, AND PARENTS). A GUIDANCE DEVELOPMENT PLAN WRITTEN TO PROVIDE A FRAMEWORK FOR STAFF AND PROGRAM DEVELOPMENT WAS REVIEWED BY A TASK FORCE OF STUDENTS, PARENTS, EDUCATORS, AND BUSINESSMEN. INCLUDED IN THE GUIDANCE DEVELOPMENT PLAN IS A TIME SHARING GUIDANCE INFORMATION SYSTEM, WHICH PROVIDES INFORMATION ABOUT OCCUPATIONS AND POSTSECONDARY EDUCATION POSSIBILITIES THROUGH A STATE COMPUTER FACILITY. OTHER PROJECT ACTIVITIES INCLUDED A MANAGEMENT PLAN, STAFF DEVELOPMENT PROGRAMS FOR TEACHERS AND COUNSELORS INVOLVING GRADUATE COURSES AND WORKSHOPS, PUBLICITY, AND PROJECT MATERIALS DISSEMINATION. APPENDED MATERIALS (196 PAGES) CONSIST OF REPORTS, MEETING MINUTES, PAPERS, PLANS, INSERVICE PROGRAMS, WORKSHOPS, AND OTHER MATERIALS PRODUCED FOR OR BY THE PROJECT. (MF)

#### VT 103 091

WASDYKE, RAYMOND G. CAREER EDUCATION INSTRUCTIONAL SYSTEM PROJECT. NEWARK SCHOOL DISTRICT. THIRD-PARTY ANNUAL EVALUATION REPORT (JANUARY 1, 1975 - DECEMBER 31, 1975).

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. OEG-0-74-0955  
 PUB DATE - 31DEC75 141P.; FOR A DESCRIPTION OF THE PROJECT, SEE RELATED DOCUMENT VT 103 090 IN THIS ISSUE.

DESCRIPTORS - \*PROGRAM EVALUATION;  
 \*CAREER EDUCATION; \*INSTRUCTIONAL  
 SYSTEMS; DEMONSTRATION PROGRAMS;  
 ELEMENTARY SECONDARY EDUCATION;  
 SCHOOL COMMUNITY COOPERATION;  
 CURRICULUM DEVELOPMENT; INFORMATION  
 DISSEMINATION; \*EVALUATION METHODS;  
 TABLES (DATA)  
 IDENTIFIERS - NEWARK; DELAWARE

ABSTRACT - THE EVALUATION REPORT  
 FOR THE CAREER EDUCATION  
 INSTRUCTIONAL SYSTEMS EXEMPLARY  
 PROJECT AT NEWARK SCHOOL DISTRICT,  
 DELAWARE, FOR THE 1975 CALENDAR  
 YEAR DESCRIBES THE EVALUATOR'S  
 ACTIVITIES IN ACCOMPLISHING FOUR  
 TASKS. IN THE FIRST TASK, EACH OF  
 THE 155 CURRICULUM UNITS DEVELOPED  
 BY THE PROJECT WAS CLASSIFIED  
 ACCORDING TO INSTRUCTIONAL GOALS BY  
 SCHOOL, GRADE LEVEL, AND TITLE AND  
 RELATED TO THE FEDERAL GUIDELINES  
 FOR EVALUATION OF CAREER EDUCATION  
 PROJECTS. THE SECOND TASK  
 IDENTIFIED SUBOBJECTIVES  
 APPROPRIATE TO STUDENT GROUPS.  
 PREPARATION AND IMPLEMENTATION OF  
 THE PROCESS, PRODUCT, AND SIDE-  
 EFFECTS EVALUATION ACTIVITIES OF  
 THE EVALUATION PLAN ARE DESCRIBED  
 IN THE THIRD AND FOURTH TASKS,  
 INCLUDING DOCUMENT REVIEW,  
 INTERVIEWS WITH PROJECT MANAGEMENT  
 AND TEACHERS, AND RANDOM GROUP  
 TESTING. IN ADDITION, EVALUATION OF  
 THE THREE PROJECT GOALS IS  
 PRESENTED: COMMUNITY INVOLVEMENT,  
 CURRICULUM DEVELOPMENT AND  
 IMPLEMENTATION, AND DISSEMINATION  
 OF PROJECT MATERIALS. OVERALL  
 EVALUATION COMMENDED THE PROJECT  
 STAFF FOR WORK ACCOMPLISHED.  
 RECOMMENDATIONS FOR PROJECT  
 IMPROVEMENT INCLUDED CONTINUED  
 DEVELOPMENT OF INDIVIDUAL CAREER  
 GUIDANCE COMPONENTS, CONTINUED  
 EXPANSION OF CURRICULUM MATERIALS,  
 AND INCREASED EMPHASIS ON  
 EVALUATING PRODUCT OUTCOMES. MOST  
 OF THE DOCUMENT (92 PAGES) CONSISTS  
 OF THE APPENDED TABULAR EVALUATION  
 DATA. (MF)

VT 103 092  
 CAREER DEVELOPMENT AND MEANINGFUL  
 EXPLORATORY EXPERIENCES TO MIDDLE

SCHOOL STUDENTS IN SOUTHERN INDIANA  
 UTILIZING MOBILE DESIGN EDUCATIONAL  
 UNITS. QUARTERLY REPORT (JANUARY 1,  
 1976-MARCH 31, 1976).

INDIANA STATE BOARD OF VOCATIONAL  
 AND TECHNICAL EDUCATION,  
 INDIANAPOLIS.  
 OFFICE OF EDUCATION (OHEW),  
 WASHINGTON, D.C.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 OEG-0-73-5312  
 PUB DATE - MAR76 8P.

DESCRIPTORS - \*DEVELOPMENTAL  
 PROGRAMS; \*PROGRAM DESCRIPTIONS;  
 \*MOBILE EDUCATIONAL SERVICES;  
 \*CAREER EDUCATION; \*RESOURCE  
 CENTERS; MIDDLE SCHOOLS; RURAL  
 SCHOOLS; INTERMEDIATE GRADES

ABSTRACT - THIS QUARTERLY REPORT  
 LISTS THE MAJOR ACCOMPLISHMENTS,  
 ACTIVITIES, AND EVENTS OF THE  
 PERIOD OF JANUARY TO MARCH 1976 OF  
 A PROJECT TO PROVIDE CAREER  
 EDUCATION MATERIALS AND LEARNING  
 EXPERIENCES TO MIDDLE SCHOOL  
 STUDENTS IN SOUTHERN INDIANA  
 UTILIZING MOBILE DESIGN EDUCATIONAL  
 UNITS. A LISTING OF SCHOOLS THAT  
 BORROWED MATERIALS FROM THE MOBILE  
 RESOURCE UNIT DURING THE REPORTING  
 PERIOD IS INCLUDED, ALONG WITH A  
 LIST OF SCHOOLS THAT USED THE UNITS  
 AND THE SCHEDULE OF UTILIZATION.  
 BRIEF DESCRIPTIONS OF PLANNING,  
 PUBLICITY, DISSEMINATION,  
 CONFERENCE, AND WORKSHOP ACTIVITIES  
 ARE PROVIDED. A SHORT STATEMENT IS  
 ALSO INCLUDED CONCERNING THE  
 PROGRESS ON DATA COLLECTION AND  
 EVALUATION PLANS AND PROCEDURES.  
 (NJ)

VT 103 093  
 LEE, ARTHUR M.  
 LEARNING A LIVING ACROSS THE  
 NATION. VOLUME IV. PROJECT  
 BASELINE. FOURTH NATIONAL REPORT.  
 PART 1: NARRATIVE REPORT.

NORTHERN ARIZONA UNIV., FLAGSTAFF.  
 OFFICE OF EDUCATION (OHEW),  
 WASHINGTON, D.C.; NATIONAL ADVISORY  
 COUNCIL ON VOCATIONAL EDUCATION,  
 WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

DEC-0-72-0414

PUB DATE - DEC75 140P.; FOR THE STATISTICAL TABLES UPON WHICH THE NARRATIVE REPORT IS BASED, SEE RELATED DOCUMENT VT 103 094 IN THIS ISSUE. FOR THE SUPPLEMENTARY REPORT, SEE RELATED DOCUMENT VT 103 095 IN THIS ISSUE.

DESCRIPTORS - \*NATIONAL SURVEYS; STATISTICAL DATA; \*VOCATIONAL EDUCATION; \*ENROLLMENT; \*EXPENDITURES; \*DATA ANALYSIS; VOCATIONAL EDUCATION TEACHERS; VOCATIONAL FOLLOWUP; EDUCATIONAL RESEARCH; INFORMATION SYSTEMS IDENTIFIERS - \*PROJECT BASELINE

ABSTRACT - FOURTH IN A SERIES OF ANNUAL VOCATIONAL EDUCATION REPORTS, THE NARRATIVE REPORT PRESENTS A NATIONAL ASSESSMENT OF VOCATIONAL EDUCATION FOR THE BASELINE YEAR 1973-74, FISCAL YEAR 1974. THE STATISTICAL DATA PRESENTED IN PAR. B OF THE REPORT IS SUPPLEMENTED WITH INFORMATION FROM A VARIETY OF SOURCES TO PROVIDE CURRENT AND COMPARATIVE ANALYSES OF THE STATUS OF VOCATIONAL EDUCATION. FOLLOWING AN INTRODUCTION, CONTENTS OF THE REPORT ARE ORGANIZED INTO FOUR CHAPTERS. CHAPTER I IS A SUMMARY AND CONCLUDES WITH TWO RECOMMENDATIONS FOR FEDERAL LEGISLATION. CHAPTER II DISCUSSES SEVERAL QUESTIONS RELATING TO THE AREAS OF ENROLLMENT, EXPENDITURES, COMPLETIONS AND PLACEMENTS, AND TEACHERS. INFORMATION ON MANPOWER PROGRAMS IS NO LONGER AVAILABLE FOR INCLUSION IN THE REPORT. CHAPTER III, AN ASSESSMENT OF THE IMPACT OF RESEARCH AND DEMONSTRATION, INCLUDES BRIEF DESCRIPTIONS OF SAMPLES OF PROJECTS WHOSE RESULTS WERE WIDELY IMPLEMENTED OR EXTENSIVELY USED. THE STATUS OF INFORMATION REPORTING SYSTEMS IN THE STATES IS DETAILED IN CHAPTER IV. APPENDIXES CONTAIN A FOUR YEAR NATIONAL DATA SUMMARY, SUPPORTIVE INFORMATION, AND A LIST OF DEFINITIONS OF VOCATIONAL EDUCATION TERMS COMPILED IN AN EFFORT TO

IMPROVE UNIFORMITY IN REPORTING. (RG)

VT 103 094

LEE, ARTHUR M.; FITZGERALD, DORRIS LEARNING A LIVING ACROSS THE NATION. VOLUME IV. PROJECT BASELINE. FOURTH NATIONAL REPORT. PART 2: STATISTICAL ALMANAC.

NORTHERN ARIZONA UNIV., FLAGSTAFF. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION, WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

DEC-0-72-0414

PUB DATE - OCT75 110P.; FOR THE NARRATIVE REPORT BASED ON THE STATISTICAL TABLES, SEE RELATED DOCUMENT VT 103 093 IN THIS ISSUE. FOR THE SUPPLEMENTARY REPORT, SEE RELATED DOCUMENT VT 103 095 IN THIS ISSUE.

DESCRIPTORS - \*NATIONAL SURVEYS; \*STATISTICAL DATA; \*VOCATIONAL EDUCATION; TABLES (DATA); \*ENROLLMENT; \*EXPENDITURES; VOCATIONAL EDUCATION TEACHERS; VOCATIONAL FOLLOWUP IDENTIFIERS - \*PROJECT BASELINE

ABSTRACT - FOURTH IN A SERIES OF ANNUAL VOCATIONAL REPORTS, INFORMATION IS PRESENTED FOR THE 1973-74 SCHOOL YEAR, FISCAL YEAR 1974. SOURCES OF THE STATISTICAL DATA ARE OFFICIAL STATE RECORDS, AND DATA IS PRESENTED FOR EACH OF THE 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO. THE 75 TABLES ARE ORGANIZED INTO THREE SECTIONS. SECTION I CONTAINS ONE-YEAR TABLES FOR 1973-74 CONCERNING THE AREAS OF ENROLLMENT, COMPLETIONS AND PLACEMENT, EXPENDITURES, AND TEACHERS. FOUR-YEAR COMPARISON TABLES FOR EACH OF THESE FOUR AREAS ARE DISPLAYED IN SECTION II. SECTION III IS COMPOSED OF THREE MISCELLANEOUS TABLES: THE PURCHASING POWER OF VOCATIONAL EDUCATION EXPENDITURES OVER THE PAST 11 YEARS, AND TWO ONE-YEAR TABLES SHOWING ENROLLMENT IN SPECIAL PROGRAMS. (NJ)

VT 103 095

O'REILLY, PATRICK A.  
THE STATE PLANNING PROCESS IN  
VOCATIONAL EDUCATION. PROJECT  
BASELINE SUPPLEMENTAL REPORT.

NORTHERN ARIZONA UNIV., FLAGSTAFF.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

OEC-0-72-0414

PUB DATE - DEC75 63P.; FOR THE  
FOURTH NATIONAL NARRATIVE REPORT  
AND STATISTICAL ALMANAC, SEE  
RELATED DOCUMENTS VT 103 093 AND VT  
103 094, RESPECTIVELY, IN THIS  
ISSUE.

DESCRIPTORS - \*NATIONAL SURVEYS;  
\*VOCATIONAL EDUCATION; \*STATEWIDE  
PLANNING; \*EDUCATIONAL PLANNING;  
\*FEDERAL STATE RELATIONSHIP; DATA  
ANALYSIS; STATE FEDERAL SUPPORT;  
CONTENT ANALYSIS  
IDENTIFIERS - \*PROJECT BASELINE

ABSTRACT - DESCRIBED IN THE REPORT  
IS THE STATE PLANNING PROCESS FOR  
VOCATIONAL EDUCATION AS IT EXISTS  
IN THE STATES, THE PROBLEMS  
ENCOUNTERED BY THE STATES, AND  
PLANNING INITIATIVES MADE BY THE  
STATES. THE MAIN SOURCES OF DATA  
ARE THE STATE PLANS AND ANNUAL  
DESCRIPTIVE REPORTS AVAILABLE FOR  
FISCAL YEARS 1971-1974 OF EACH OF  
THE 50 STATES, THE DISTRICT OF  
COLUMBIA, AND PUERTO RICO. TWO  
SEPARATE AND DISTINCT TYPES OF  
INFORMATION ARE USED IN DEVELOPING  
THE STATE PLAN: STATISTICAL  
PLANNING DATA AND POLICY  
INFORMATION. IN TWO-THIRDS OF THE  
STATES, THE ACTUAL WRITING OF THE  
STATE PLAN IS A JOINT EFFORT; ONLY  
TWO STATES COULD BE IDENTIFIED IN  
WHICH THE STATE ADVISORY COUNCIL  
ACTIVELY PARTICIPATES IN THE  
WRITING. MAJOR PROBLEMS ENCOUNTERED  
BY THE STATES INCLUDE: DIFFICULTIES  
IN DATA COLLECTION, LACK OF  
UNIVERSALLY ACCEPTED DEFINITIONS  
FOR VOCATIONAL EDUCATION TERMS,  
FEDERAL PLANNING REQUIREMENTS,  
PROBLEMS IN FUNDING AND THE  
PLANNING AND REPORTING SCHEDULE,

AND LACK OF INTERAGENCY  
COORDINATION. ALTHOUGH THE STATE  
PLAN WAS ORIGINALLY CONSIDERED BY  
MANY TO BE A COMPLIANCE DOCUMENT,  
INNOVATIONS AND EMERGING TRENDS  
INDICATE EFFORTS ARE BEING MADE TO  
INCREASE THE UTILITY OF THE PLAN.  
TWELVE RECOMMENDATIONS ARE OFFERED  
TO STIMULATE LEGISLATIVE ACTION AT  
THE FEDERAL LEVEL TO IMPROVE  
PLANNING. APPENDIXES CONTAIN A LIST  
OF THE ITEMS ANALYZED, THE  
AVAILABLE DOCUMENTS STUDIED,  
PROCEDURES USED IN CATEGORIZING THE  
DATA, A LIST OF REFERENCES, AND A  
BIOGRAPHICAL SKETCH OF THE AUTHOR.  
(AUTHOR/RG)

VT 103 096

MORTON, J.B.; AND OTHERS  
CYCLE EIGHT REPORT. OCCUPATIONAL  
TRAINING INFORMATION SYSTEM.

OKLAHOMA STATE DEPT. OF VOCATIONAL  
AND TECHNICAL EDUCATION,  
STILLWATER. DIV. OF RESEARCH,  
PLANNING, AND EVALUATION.  
OKLAHOMA STATE BOARD FOR VOCATIONAL  
EDUCATION, STILLWATER.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - JAN76 589P.; RELATED  
DOCUMENT VT 103 097 IN THIS ISSUE.

DESCRIPTORS - \*INFORMATION SYSTEMS;  
\*VOCATIONAL EDUCATION; \*MANPOWER  
NEEDS; LABOR MARKET; \*EDUCATIONAL  
PROGRAMS; \*TABLES (DATA); STATEWIDE  
PLANNING  
IDENTIFIERS - OKLAHOMA; OTIS;  
\*OCCUPATIONAL TRAINING INFORMATION  
SYSTEM

ABSTRACT - THE OCCUPATIONAL  
TRAINING INFORMATION SYSTEM (OTIS)  
WAS DESIGNED TO PROVIDE CURRENT  
INFORMATION ON THE SUPPLY OF AND  
THE DEMAND FOR PEOPLE TRAINED IN  
SELECTED VOCATIONAL AND TECHNICAL  
OCCUPATIONS IN OKLAHOMA. INTENDED  
AS A TOOL FOR PROGRAM PLANNING AND  
STUDENT COUNSELING, THE REPORT  
REPRESENTS THE BEST INFORMATION  
AVAILABLE ON THE MANPOWER SUPPLY  
AND DEMAND ESTIMATED TO EXIST  
DURING THE PERIOD JULY 1, 1975 TO  
JUNE 30, 1976. AN ANNUAL

PUBLICATION, THE EIGHTH REPORT INCLUDES 22 OCCUPATIONS NOT PREVIOUSLY LISTED. FOLLOWING THE INTRODUCTION IS A TABLE SHOWING THE PROJECTED GROSS DEMAND OUTLOOK OVER THE NEXT FIVE YEARS FOR EACH OCCUPATION. COMPRISING THE MAJOR PART OF THE DOCUMENT ARE THE MANPOWER SUPPLY AND DEMAND TABLES PRESENTING STATEWIDE TOTALS AND DATA FOR 11 SUBSTATE PLANNING REGIONS. BASED UPON AN ANALYSIS OF THE TABLES, A DESCENDING ORDERING OF PROGRAM CLUSTERS RANKED BY DEMAND MINUS VOCATIONAL-TECHNICAL SUPPLY IS PROVIDED FOR EACH OF THE REGIONS. APPENDED ARE A STUDENT STATUS FORM AND PROCEDURAL FLOWCHART. AN INDEX TO THE OCCUPATIONS IS INCLUDED. SUPPLEMENT 1, VT 103 097, IS IDENTICAL TO THE REPORT EXCEPT THAT THE MANPOWER SUPPLY AND DEMAND TABLES CONTAIN STATEWIDE TOTALS ONLY. (AUTHOR/RG)

#### VT 103 097

MORTON, J.B.; AND OTHERS  
CYCLE EIGHT REPORT. OCCUPATIONAL TRAINING INFORMATION SYSTEM.  
SUPPLEMENT 1. STATE-WIDE TOTALS AND DESCENDING RANK ORDER OF PROGRAM CLUSTERS.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. DIV. OF RESEARCH, PLANNING, AND EVALUATION.  
OKLAHOMA STATE BOARD FOR VOCATIONAL EDUCATION, STILLWATER.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - JAN76 115P.; RELATED DOCUMENT VT 103 096 IN THIS ISSUE.

DESCRIPTORS - \*INFORMATION SYSTEMS;  
\*VOCATIONAL EDUCATION; \*MANPOWER NEEDS; LABOR MARKET; \*EDUCATIONAL PROGRAMS; TABLES (DATA); STATEWIDE PLANNING  
IDENTIFIERS - OKLAHOMA; \*OTIS;  
OCCUPATIONAL TRAINING INFORMATION SYSTEM

ABSTRACT - THE OCCUPATIONAL TRAINING INFORMATION SYSTEM (OTIS) WAS DESIGNED TO PROVIDE CURRENT INFORMATION ON THE SUPPLY OF AND

THE DEMAND FOR PEOPLE TRAINED IN SELECTED VOCATIONAL AND TECHNICAL OCCUPATIONS IN OKLAHOMA. INTENDED AS A TOOL FOR PROGRAM PLANNING AND STUDENT COUNSELING, THE REPORT REPRESENTS THE BEST INFORMATION AVAILABLE ON THE MANPOWER SUPPLY AND DEMAND ESTIMATED TO EXIST DURING THE PERIOD JULY 1, 1975 TO JUNE 30, 1976. AN ANNUAL PUBLICATION, THIS SUPPLEMENT TO THE EIGHTH REPORT INCLUDES 22 OCCUPATIONS NOT PREVIOUSLY LISTED. FOLLOWING THE INTRODUCTION IS A TABLE SHOWING THE PROJECTED GROSS DEMAND OUTLOOK OVER THE NEXT FIVE YEARS FOR EACH OCCUPATION. IN THIS SUPPLEMENT ARE THE MANPOWER SUPPLY AND DEMAND TABLES PRESENTING STATEWIDE TOTALS ONLY. TABLES FOR THE 11 SUBSTATE PLANNING REGIONS ARE CONTAINED IN VT 103 096 IN THIS ISSUE. BASED UPON AN ANALYSIS OF THE TABLES, A DESCENDING ORDERING OF PROGRAM CLUSTERS RANKED BY DEMAND MINUS VOCATIONAL-TECHNICAL SUPPLY IS PROVIDED FOR EACH OF THE REGIONS. APPENDED ARE A STUDENT STATUS FORM AND PROCEDURAL FLOWCHART. AN INDEX TO THE OCCUPATIONS IS INCLUDED. (AUTHOR/RG)

#### VT 103 098

RESEARCH AND DEVELOPMENT PROJECT IN WORK EXPERIENCE PROGRAMS. FINAL REPORT.

RHODE ISLAND STATE DEPT. OF EDUCATION, PROVIDENCE.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-74-1720  
PUB DATE - ND 294P.

DESCRIPTORS - PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; SURVEYS;  
\*HANDICAPPED STUDENTS; \*MINORITY GROUPS; \*DISADVANTAGED YOUTH;  
VOCATIONAL EDUCATION; COOPERATIVE PROGRAMS; \*MODELS; \*WORK EXPERIENCE PROGRAMS  
IDENTIFIERS - \*RHODE ISLAND

ABSTRACT - THIS REPORT DESCRIBES THE ACTIVITIES AND ACCOMPLISHMENTS

OF A PROJECT TO DEVELOP A MODEL THAT IMPROVES THE ACCESS OF HANDICAPPED, DISADVANTAGED, AND MINORITY STUDENTS IN RHODE ISLAND HIGH SCHOOLS TO VOCATIONAL EDUCATION WORK EXPERIENCE PROGRAMS. TO IMPLEMENT THIS GOAL, NINE SPECIFIC OBJECTIVES WERE DEVELOPED INVOLVING COLLECTING INFORMATION ABOUT EXISTING PROGRAMS AND DEVELOPING AND EVALUATING A MODEL. THE MAJOR PORTION OF THE REPORT (254 PAGES) CONSISTS OF THE APPENDED PRODUCTS OF THE PROJECT. INFORMATION COLLECTED FROM 81 OUT-OF-STATE AND 56 RHODE ISLAND COOPERATIVE PROGRAMS IS SUMMARIZED. THIS INFORMATION IS INTEGRATED INTO THE WORK EXPERIENCE MODEL AS A KEYED RESOURCE GUIDE AND MATRIXES WERE DEVELOPED TO PROVIDE THE READER WITH CROSS REFERENCES BETWEEN THE MODEL'S OBJECTIVES AND FUNCTIONS AND THEIR PRACTICAL APPLICATION AS FOUND IN EXISTING PROGRAMS. THE PROTOTYPIC WORK EXPERIENCE MODEL DEVELOPED BY THE PROJECT LISTS THE MAJOR GOALS, OBJECTIVES, AND SPECIFIC FUNCTIONS OF AN IDEAL PROGRAM. ATTACHED TO THE PROGRAM MODEL IS A QUESTIONNAIRE, DESIGNED TO OBTAIN RESPONDENTS' VIEWS ON THE EXTENT TO WHICH THE PROGRAM CAN BE REALISTICALLY IMPLEMENTED AND THE IMPORTANCE THE RESPONDING PRACTITIONER ATTACHES TO THE RELATED GOALS. THE RESULTS OF A FACE VALIDATION OF THE MODEL ARE APPENDED, ALONG WITH GENERAL INFORMATION ABOUT THE RHODE ISLAND ASSOCIATION OF COOPERATIVE EDUCATORS AND THE COOPERATIVE WORK EXPERIENCE CONFERENCE. (NJ)

**-VT 103 099**

A SURVEY INDICATING THE ATTITUDES OF BUSINESS AND INDUSTRY TOWARD THE HIRING OF VOCATIONAL TRAINED STUDENTS IN THE DATA PROCESSING FIELD.

WARWICK AREA VOCATIONAL AND TECHNICAL FACILITY, R.I.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 74P.

DESCRIPTORS - \*DATA PROCESSING OCCUPATIONS; \*SURVEYS; \*EMPLOYER ATTITUDES; \*VOCATIONAL HIGH SCHOOLS; SECONDARY EDUCATION

ABSTRACT - THE SENIOR CLASS OF THE COMPUTER TECHNOLOGY COURSE AT THE WARWICK AREA VOCATIONAL TECHNICAL FACILITY CONDUCTED A SURVEY TO ASCERTAIN ATTITUDES OF BUSINESS PERSONNEL TOWARD HIRING GRADUATES OF DATA PROCESSING SECONDARY VOCATIONAL EDUCATION PROGRAMS. SURVEYS WERE SENT TO 233 BUSINESSES IN THE METROPOLITAN RHODE ISLAND AREA. AN EXPLANATION OF THE COURSE AND ITS REQUIREMENTS, WHICH IS INCLUDED IN THIS DOCUMENT, WAS ATTACHED TO THE SURVEY FORM. RESULTS OF THE SURVEY ARE REPORTED BY NUMBER AND PERCENTAGE OF RESPONSES WITH COMMENTS TO THE OPEN-ENDED ITEMS INCLUDED. INCLUDED ALSO IS A LIST OF THE COMPANIES SURVEYED AND A SAMPLE OF THE SURVEY INSTRUMENT. NO DISCUSSION OF THE FINDINGS OR CONCLUSIONS IS OFFERED. (NJ)

**VT 103 100**

A COMPREHENSIVE VOCATIONAL EDUCATION PROGRAM FOR CAREER DEVELOPMENT IN GRADES K-12. FINAL REPORT. VOLUMES I AND II.

FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-72-0630  
PUB DATE - 31JUL75 951P.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*COMPREHENSIVE PROGRAMS; \*LEARNING ACTIVITIES; \*CURRICULUM GUIDES; DEVELOPMENTAL PROGRAMS; PROGRAM EVALUATION; INSERVICE EDUCATION; OCCUPATIONAL GUIDANCE; ELEMENTARY SECONDARY EDUCATION; POST SECONDARY EDUCATION  
IDENTIFIERS - ORANGE COUNTY; FLORIDA

ABSTRACT - THE COMPREHENSIVE REPORT DESCRIBES THE ACTIVITIES OF A FOUR-YEAR CAREER EDUCATION PROJECT CONDUCTED IN ONE NETWORK OF SCHOOLS LOCATED IN ORANGE COUNTY, FLORIDA. THE SEVEN COMPONENTS OF THE PROJECT ARE: ELEMENTARY CURRICULUM, SECONDARY CURRICULUM, POSTSECONDARY CURRICULUM, INSERVICE TRAINING/STAFF DEVELOPMENT, GUIDANCE, PLACEMENT AND FOLLOWUP, AND EVALUATION. THE ORANGE COUNTY PROJECT HAS HAD AN IMPACT ON CAREER EDUCATION AT THE LOCAL, STATE, AND NATIONAL LEVELS. CURRICULUM MATERIALS DEVELOPED BY PROJECT STAFF HAVE BEEN DISSEMINATED TO ALL FLORIDA SCHOOL DISTRICTS, AND WERE SENT TO APPROXIMATELY 500 NATIONAL LOCATIONS UPON REQUEST. THESE APPENDED CURRICULUM MATERIALS (853 PAGES) AS WELL AS MATERIALS DEVELOPED FOR INSERVICE, GUIDANCE, AND PROCEDURES COMPRISE THE MAJOR PORTION OF THE DOCUMENT. CONTENTS OF THE REPORT ARE ARRANGED AS FOLLOWS: VOLUME I CONTAINS THE PROJECT SUMMARY AND REPORT, A BIBLIOGRAPHY, ORGANIZATIONAL CHART AND JOB DESCRIPTIONS, AND CURRICULUM MATERIALS FOR ELEMENTARY, SECONDARY, AND VOCATIONAL/POSTSECONDARY LEVELS. VOLUME II CONTAINS MATERIALS ON INSERVICE, GUIDANCE, AND PROCEDURES; AN 80-PAGE THIRD PARTY EVALUATION OF THE FIRST THREE YEARS OF THE PROJECT; AND MISCELLANEOUS MATERIALS INCLUDING A MEDIA CATALOG, HANDS-ON ACTIVITIES, AND GUIDELINES FOR RESOURCE VOLUNTEERS. (RG)

**VT 103 101**

A COMPREHENSIVE PROGRAM OF VOCATIONAL EDUCATION FOR CAREER DEVELOPMENT: K-UNIVERSITY. INTERIM REPORT (JULY 1, 1974-JUNE 30, 1975).

MANATEE JUNIOR COLL., BRADENTON, FLA.

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

4F AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

JEG-4-74-5200

PUB DATE - 30JUN75 159P.

DESCRIPTORS - \*CAREER EDUCATION; \*COMPREHENSIVE PROGRAMS; \*CONSORTIA; \*PROGRAM EVALUATION; \*VOCATIONAL DEVELOPMENT; VOCATIONAL EDUCATION; DEVELOPMENTAL PROGRAMS; PROGRAM DESCRIPTIONS; STUDENT TESTING; COMPARATIVE ANALYSIS; ELEMENTARY SECONDARY EDUCATION; POSTSECONDARY EDUCATION

ABSTRACT - THE FLORIDA COMPREHENSIVE PROGRAM FOR CAREER DEVELOPMENT: K-UNIVERSITY IS A CONSORTIUM EFFORT TO DEVELOP A COORDINATED CAREER EDUCATION PROGRAM IN TWO SCHOOL DISTRICTS, A JUNIOR COLLEGE, AND A UNIVERSITY. COMPONENTS OF THE PROGRAM INCLUDE CURRICULUM, GUIDANCE, AND PLACEMENT-FOLLOWUP. THIS REPORT COVERS THE FIRST YEAR OF PROJECT OPERATIONS AND INCLUDES THE THIRD PARTY EVALUATION REPORT. EVALUATION ACTIVITIES CONSISTED OF ORIENTATION, DESIGNING A COMPREHENSIVE EVALUATION PLAN FOR SUCCEEDING YEARS OF THE PROJECT, REVIEWING PROJECT REPORTS AND SIMILAR SOURCES OF SECONDARY DATA, AND REVIEWING ANALYSES OF STUDENT DATA BASED ON MEASURES RELATED TO PROJECT OBJECTIVES. ALSO INCLUDED IS A REPORT WHICH DESCRIBES AND REVIEWS THE PROCEDURES AND CONCLUSIONS OF AN EVALUATION STUDY CONDUCTED BY THE UNIVERSITY OF SOUTH FLORIDA. SECTIONS OF THE REPORT ARE DEVOTED TO DISCUSSIONS OF STUDENT SAMPLES, PROCEDURES AND INSTRUMENTATION, VARIABLES AND ANALYSES, AND RESULTS AND CONCLUSIONS. AMONG THE APPENDIXES IS A REVIEW OF THE MEASUREMENT INSTRUMENTS WHICH WERE USED IN EVALUATION OF STUDENT OUTCOMES. ALSO APPENDED IS A PROPOSED PROJECT EVALUATION PLAN FOR THE YEAR 1975-76, INCLUDING A MATRIX IDENTIFYING THE SPECIFIC OBJECTIVES OF THE DESIGN WHICH ARE APPROPRIATE TO EACH TREATMENT GROUP IN THE PROJECT. A TIME CHART INDICATING THE ACTIVITIES AND ACCOMPLISHMENTS OF THE FIRST QUARTER WITH TARGET AND COMPLETION DATES COMPLETES THE DOCUMENT. (NJ)

VT 103 102

JACKSON, JOHN W.  
A SCHOOL-COMMUNITY CAREER EDUCATION  
PROJECT. INTERIM REPORT (JULY 1,  
1974-JUNE 30, 1975).

OPELIKA CITY SCHOOLS, ALA.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-73-5284  
PUB DATE - JUL75 61P.

DESCRIPTORS - \*PROGRAM  
DESCRIPTIONS; \*PROGRAM EVALUATION;  
\*CAREER EDUCATION; \*SCHOOL  
COMMUNITY PROGRAMS; \*ELEMENTARY  
SECONDARY EDUCATION; STAFF  
IMPROVEMENT; CURRICULUM  
DEVELOPMENT; COMMUNITY  
COORDINATION; OCCUPATIONAL  
GUIDANCE; STATISTICAL ANALYSIS

ABSTRACT - THIS REPORT DESCRIBES  
AND EVALUATES THE SECOND YEAR OF A  
PROJECT IN THE OPELIKA, ALABAMA,  
SCHOOLS TO DEVELOP AND IMPLEMENT A  
SCHOOL-COMMUNITY CAREER EDUCATION  
PROGRAM FOR GRADES 1-12. SUMMARIZED  
ARE THE PROCEDURES AND  
ACCOMPLISHMENTS OF THE FOUR PROJECT  
COMPONENTS: STAFF DEVELOPMENT,  
CURRICULUM DEVELOPMENT, GUIDANCE,  
AND COMMUNITY COORDINATION. THE  
EVALUATION REPORT DISCUSSES THE  
CONTEXT OR BACKGROUND OF THE  
PROJECT; THE "INPUT" OR PERSONNEL,  
MATERIALS, AND OTHER RESOURCES  
REQUIRED; THE PROJECT OBJECTIVES;  
THE MANAGEMENT AND INSTRUCTIONAL  
PROCESSES; AND THE PRODUCTS, I.E.,  
STUDENT BEHAVIORAL CHANGES AND  
PROJECT-DEVELOPED INSTRUCTIONAL  
MATERIALS. PROCESS EVALUATION  
INDICATED THAT STAFF DEVELOPMENT,  
CURRICULUM INFUSION, SCHOOL-  
COMMUNITY RELATIONS, AND THE JOB  
PLACEMENT PROGRAM WERE ALL  
FUNCTIONING WELL. AN ANALYSIS OF  
PRODUCT OUTCOMES INDICATED THAT  
READING AND MATHEMATICS SCORES WERE  
POSITIVELY AFFECTED AT THE SIXTH  
AND EIGHTH GRADE LEVELS AND  
SIGNIFICANT ACHIEVEMENT IN SELF-  
AWARENESS WAS EVIDENT AT THE SIXTH,  
EIGHTH, AND NINTH GRADE LEVELS.  
EVIDENCE INDICATED OVERALL THAT THE

OBJECTIVES WERE AT LEAST PARTIALLY  
ACCOMPLISHED. ATTACHED TO THE  
REPORT IS THE EVALUATION DESIGN  
WHICH ITEMIZES FOR THE NINE MAJOR  
OBJECTIVES THE STUDENT OUTCOME OR  
ACTIVITY AREAS, RELATED EVALUATION  
QUESTIONS, DESIGN, DATA SOURCES,  
INSTRUMENTATION, SAMPLING, AND DATA  
ANALYSIS. (NJ)

VT 103 103

HOLDEN, H. DALE  
AN EXEMPLARY CAREER EDUCATION  
EFFORT IN SCHOOL DISTRICT TWO OF  
RICHLAND COUNTY. INTERIM REPORT  
(JULY 1, 1973-JUNE 30, 1974).

RICHLAND COUNTY SCHOOL DISTRICT 2,  
COLUMBIA, S.C.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-73-5285

PUB DATE - 30JUN74 236P.; PAGE  
169 CONTAINING A CHART OF PROGRAM  
ACTIVITIES WAS NOT REPRODUCIBLE AND  
WAS REMOVED. PAGES 201 AND 202  
CONTAINING A COPYRIGHTED ARTICLE  
WERE REMOVED. THEY ARE NOT INCLUDED  
IN THE PAGINATION. THE SECOND  
INTERIM REPORT IS VT 103 104 IN  
THIS ISSUE.

DESCRIPTORS \*CAREER EDUCATION;  
\*PROGRAM DESCRIPTIONS; \*ELEMENTARY  
SECONDARY EDUCATION; \*DEVELOPMENTAL  
PROGRAMS; \*PROGRAM EVALUATION; TEST  
RESULTS

ABSTRACT - THE REPORT (36 PAGES)  
DESCRIBES THE GOALS, OBJECTIVES,  
ACTIVITIES, AND ACCOMPLISHMENTS OF  
THE FIRST YEAR OF A K-12 CAREER  
EDUCATION PROGRAM INVOLVING OVER  
10,000 STUDENTS IN 11 SCHOOLS.  
FIRST YEAR ACCOMPLISHMENTS ARE  
DETAILED IN TERMS OF GRADE LEVELS,  
OBJECTIVES, AND SPECIFIC AREAS OF  
CONCERN, SUCH AS INSERVICE AND  
COMMUNITY INVOLVEMENT. THE FIRST  
YEAR WAS SUCCESSFUL IN PROVIDING  
THE GROUNDWORK OF BASIC  
UNDERSTANDING THROUGHOUT THE  
DISTRICT AND IN INITIATING SOUND  
PRACTICES FOR IMPLEMENTATION.  
ACCOMPLISHMENTS INCLUDED: STAFF  
DEVELOPMENT, ADMINISTRATOR AND

TEACHER ORIENTATION, TEACHER PLANNING FOR INFUSION OF CONCEPTS INTO THE EXISTING CURRICULUM, COMMUNITY INVOLVEMENT, AND ESTABLISHMENT OF A PLACEMENT OFFICE. EXTENSIVE APPENDIXES INCLUDE PROGRAM OBJECTIVES, PLANNING SCHEDULE, SAMPLE FORMS AND LEARNING ACTIVITIES, AND MATERIALS ON HIGH SCHOOL PLACEMENT AND FOLLOWUP. THE THIRD PARTY EVALUATION REPORT (111 PAGES) IS INCLUDED IN THE DOCUMENT. FOCUS OF THE EVALUATION WAS ON THE ADMINISTRATION OF STANDARDIZED TESTS, AND TEST RESULTS ARE SHOWN IN A 55-PAGE APPENDIX. EVALUATION RESULTS ARE SHOWN FOR EACH OF THE FIVE AREAS OF EMPHASIS OF THE PROJECT: CAREER AWARENESS AND PREPARATION, SELF-AWARENESS AND UNDERSTANDING, ECONOMIC AWARENESS AND UNDERSTANDING, ATTITUDES AND APPRECIATIONS, EDUCATIONAL AWARENESS, AND DECISIONMAKING. TEACHERS AND ADMINISTRATORS SHOWED STRONG SUPPORT FOR CAREER EDUCATION CONCEPTS, AND STRONG COMMUNITY SUPPORT WAS ACHIEVED. (RG)

VT 103 104

HOLDEN, H. DALE  
AN EXEMPLARY CAREER EDUCATION EFFORT IN SCHOOL DISTRICT TWO OF RICHLAND COUNTY. INTERIM REPORT (JULY 1, 1974-JUNE 30, 1975).

RICHLAND COUNTY SCHOOL DISTRICT 2, COLUMBIA, S.C.

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

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

DEG-0-73-5285

PUB DATE - 30JUN75 162P.; PAGES 25 THROUGH 28, 49 THROUGH 56, AND 175 AND 176, LISTINGS OF PROGRAM ACTIVITIES AND PUBLICITY MATERIALS, WERE NOT REPRODUCIBLE AND WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION. THE FIRST INTERIM REPORT IS RELATED DOCUMENT VT 103 103 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*ELEMENTARY SECONDARY EDUCATION; \*DEVELOPMENTAL PROGRAMS; \*PROGRAM EVALUATION; TEST

RESULTS

ABSTRACT - THE REPORT (116 PAGES) SUMMARIZES THE ACTIVITIES AND ACCOMPLISHMENTS OF THE SECOND YEAR OF A K-12 CAREER EDUCATION PROGRAM INVOLVING OVER 10,000 STUDENTS. AS IN THE PREVIOUS YEAR, EMPHASIS WAS PLACED ON COMPLEMENTING AND ENHANCING THE DISTRICT'S ONGOING INSTRUCTIONAL PROGRAM. PROJECT IMPLEMENTATION INCLUDED EXPANDING THE AMOUNT AND FREQUENCY OF TEACHER PLANNING, INCREASING INFUSION OF CONCEPTS INTO THE CURRICULUM, CONDUCT OF NUMEROUS INSERVICE SESSIONS, AND INCREASE IN STUDENT SERVICES AT THE JUNIOR AND SENIOR HIGH SCHOOLS. APPENDIXES TO THE REPORT INCLUDE PROGRAM OBJECTIVES, PLANNING SCHEDULE, SAMPLE LEARNING ACTIVITIES, AGENDA OF AN INSTRUCTIONAL INNOVATIONS SEMINAR, TEACHER SURVEY FORM, CORRESPONDENCE, AND RESULTS OF THE STUDENT FOLLOWUP SURVEY. THE THIRD PARTY EVALUATION REPORT BY IBEX, INC. (118 PAGES) FOCUSED ON THE ADMINISTRATION OF STANDARDIZED TEST INSTRUMENTS, AND RESULTS OF THESE TESTS ARE SHOWN IN A 61-PAGE APPENDIX. EVALUATION RESULTS ARE SHOWN FOR EACH OF THE FIVE AREAS OF EMPHASIS OF THE PROJECT: CAREER AWARENESS AND PREPARATION, SELF-AWARENESS AND UNDERSTANDING, ECONOMIC AWARENESS AND UNDERSTANDING, ATTITUDES AND APPRECIATIONS, EDUCATIONAL AWARENESS, AND DECISIONMAKING. INSTRUCTIONAL STRATEGIES WERE ASSESSED MAINLY BY PERSONAL INTERVIEWS WITH TEACHERS; THE RECORD OF USE OF COMMUNITY RESOURCES SHOWED EXCELLENT COMMUNITY INVOLVEMENT. (RG)

VT 103 105

HAABY, GARY L.  
THE TENNESSEE EXEMPLARY PROJECT IN CAREER EDUCATION. INTERIM REPORT (JULY 1, 1974-JUNE 30, 1975).

GREENVILLE CITY SCHOOLS, TENN. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

DEG-0-73-5274  
PUB DATE - SEP75 171P.

DESCRIPTORS - \*CAREER EDUCATION;  
ELEMENTARY SECONDARY EDUCATION;  
\*DEVELOPMENTAL PROGRAMS; \*PROGRAM  
DESCRIPTIONS; PROGRAM EVALUATION;  
STUDENT TESTING; VOCATIONAL  
DEVELOPMENT; POST SECONDARY  
EDUCATION; \*COMPREHENSIVE PROGRAMS;  
\*FORMATIVE EVALUATION

ABSTRACT - THE REPORT DOCUMENTS THE ACTIVITIES OF THE SECOND YEAR OF A K-14 CAREER EDUCATION PROJECT IN GREENVILLE CITY AND COUNTY SCHOOLS. THE PRIMARY GOAL DURING THE REPORTING PERIOD WAS TO BUILD UPON THE ACTIVITIES OF THE FIRST YEAR THROUGH THE USE OF WORKSHOPS AND INSERVICE PROGRAMS TO ASSIST IN THE DEVELOPMENT OF SPECIFIC ACTIVITIES FOR THE STUDENTS. EXPERIENCE CARDS WERE PREPARED AND PLACED IN ELEMENTARY SCHOOLS, A COMMUNITY RESOURCE GUIDE WAS COMPILED AND DISTRIBUTED, AND A COMMUNITY LEARNING CENTER PROGRAM FOR HIGH SCHOOL JUNIORS AND SENIORS PROVIDED OBSERVATION EXPERIENCES IN THE COMMUNITY TO AID IN CAREER DECISIONMAKING. ALSO, THE PROJECT CONTRIBUTED TO GREATER INTEREST IN CAREER EDUCATION AT THE STATE LEVEL. INCLUDED IN THE DOCUMENT IS THE THIRD PARTY EVALUATION REPORT (67 PAGES) BY A TEAM FROM THE BUREAU OF EDUCATIONAL RESEARCH AND SERVICES, UNIVERSITY OF TENNESSEE. NINE DIFFERENT TESTS WERE ADMINISTERED AS PART OF THE EVALUATION DESIGN, AND TEST FINDINGS COMPRISE THE MAJOR PORTION OF THE EVALUATION REPORT. SUCCESS OF THE PROJECT WAS ATTRIBUTED TO POSITIVE ATTITUDES OF TEACHERS AND SCHOOL PERSONNEL AND COMMUNITY SUPPORT. APPENDIXES (70 PAGES) INCLUDE TEST RESULTS, MATERIALS ON THE COMMUNITY LEARNING CENTER PROGRAM, AND RESULTS OF A TEACHER SURVEY. (RG)

VT 103 106

CAREER EDUCATION FOR PERSONS IN RURAL AREAS--PRIMARY FOCUS ON ADULTS 16 AND OVER. QUARTERLY REPORT: JANUARY 1, 1976-MARCH 31,

1976.

NORTH CENTRAL TECHNICAL INST.,  
WAUSAU, WIS.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
DEG-0-73-5292  
PUB DATE - MAR76 171P.; PAGE 108  
CONTAINING A COPYRIGHTED ARTICLE  
FROM "CAREER EDUCATION NEWS" WAS  
REMOVED. IT IS NOT INCLUDED IN THE  
PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION;  
\*RURAL AREAS; \*ADULT EDUCATION;  
\*DEVELOPMENTAL PROGRAMS; \*PROGRAM  
DESCRIPTIONS; INSERVICE TEACHER  
EDUCATION; ADULT COUNSELING; SCHOOL  
SURVEYS  
IDENTIFIERS - WISCONSIN

ABSTRACT - SUMMARIZED IN THE REPORT ARE THE ACCOMPLISHMENTS AND MAJOR ACTIVITIES AND EVENTS FOR THE FIRST THREE MONTHS OF 1976. LISTED ARE THE ADULT PROGRAM AND COUNSELING ACTIVITIES, ACTIVITIES AT PILOT AND CONTACT SCHOOLS, PROBLEMS, PUBLICITY AND DISSEMINATION ACTIVITIES, PROGRESS IN DATA COLLECTION AND EVALUATION PLANS, AND STAFF DEVELOPMENT. DETAILED DESCRIPTIONS OF THESE ACTIVITIES, ALONG WITH PERTINENT FORMS, CORRESPONDENCE, PROGRAM AGENDAS, SESSION REPORTS AND PUBLICITY RELEASES ARE CONTAINED IN THE FIVE APPENDIXES (157 PAGES): (A) ADULT CAREER EDUCATION PROGRAMS AND COUNSELING, (B) STUDENT ACTIVITIES AND INSERVICE PROGRAMS FOR TEACHERS, (C) DISSEMINATION AND PUBLICITY ACTIVITIES, (D) STAFF DEVELOPMENT MEETINGS, AND (E) DATA COLLECTION AND EVALUATION. INCLUDED IN THE REPORT ARE DESCRIPTIONS OF A VARIETY OF PROGRAMS CONDUCTED FOR WOMEN, A CLASS ON JOB APPLICATION AND INTERVIEWING FOR ADULTS, AND FINDINGS OF A THREE-YEAR COMPARISON STUDY OF THE RESULTS OF A CAREER INTEREST SURVEY OF HIGH SCHOOL SENIORS. THOSE WHO PLANNED TO SEEK EMPLOYMENT AFTER GRADUATION INCREASED FROM 39 TO 45 PERCENT, A GREATER PERCENTAGE OF STUDENTS

PLANNING TO ATTEND A POSTSECONDARY SCHOOL SELECTED A TECHNICAL SCHOOL OVER ANY OTHER TYPE, AND THOSE WHO WERE "UNDECIDED" ABOUT CAREER PLANS DROPPED FROM 25 TO 20 PERCENT. (RG)

**VT 103 107**

LINCOLN CAREER EDUCATION PROJECT. INTERIM REPORT (JUNE 11, 1974-JUNE 10, 1975).

LINCOLN PUBLIC SCHOOLS, NEBR.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-9-73-5290  
PUB DATE - DEC75 94P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PROGRAM EVALUATION; \*STATISTICAL  
ANALYSIS; MEASUREMENT INSTRUMENTS;  
TABLES (DATA); \*PROGRAM  
DESCRIPTIONS; \*SCHOOL COMMUNITY  
PROGRAMS; ELEMENTARY SECONDARY  
EDUCATION

ABSTRACT - THIS REPORT EVALUATES THE SECOND YEAR OF A PROGRAM IN LINCOLN, NEBRASKA, TO ASSIST THE COMMUNITY AND ITS SCHOOLS IN IMPLEMENTING CAREER EDUCATION BY PROVIDING LEADERSHIP IN DEVELOPING A COOPERATIVELY DESIGNED PLAN AND BY PROVIDING MANAGEMENT AND SUPPORT SERVICES IN IMPLEMENTING THE PLAN. THE TEXT OF THE EVALUATION REPORT IS ORGANIZED AROUND THREE EVALUATION QUESTIONS. THE FIRST QUESTION FOCUSES ON THE CONGRUENCE BETWEEN THE PLANNED AND IMPLEMENTED CAREER EDUCATION ACTIVITIES; THE SECOND QUESTION IS CONCERNED WITH IMPLEMENTATION OF CAREER EDUCATION ACTIVITIES WITHIN THE SCHOOLS; AND THE THIRD ONE DEALS WITH STUDENT OUTCOMES. BASED ON AN ANALYSIS OF INFORMATION ASSOCIATED WITH THE THREE QUESTIONS, IT WAS CONCLUDED THAT (1) THE PROJECT HAS ACHIEVED, OR IS MAKING PROGRESS, TOWARD MOST OF THE PRODUCT OBJECTIVES, (2) THERE WAS A SIGNIFICANT INCREASE IN THE NUMBER OF CAREER EDUCATION ACTIVITIES IN THE SCHOOLS, AND (3) THE PROJECT DID NOT HAVE A MEASURABLE IMPACT ON STUDENT OUTCOMES. TABLES SHOW THE

COMPARISON OF SCORES FOR THE TREATMENT AND CONTROL GROUPS. APPENDED TO THE REPORT ARE THE TREATMENT GROUP OUTCOME AREA TABLE, SUMMARY OF THE EVALUATION DESIGN, IMPLEMENTATION SUMMARY, CAREER EDUCATION PROJECT TEACHER FEEDBACK QUESTIONNAIRE, SUMMARY DATA ON VALUING APPROACH TO CAREER EDUCATION, REVISED OUTCOME QUESTION/TREATMENT GROUP MATRIX, SUMMARY DATA ON 1974-75 SAMPLING PLAN, AND SUMMARY ON STUDENT OUTCOMES. (NJ)

**VT 103 108**

AMMERMAN, HARRY L.; PRATZNER, FRANK C.  
OCCUPATIONAL SURVEY REPORT ON BUSINESS DATA PROGRAMMERS: TASK DATA FROM WORKERS AND SUPERVISORS INDICATING JOB RELEVANCE AND TRAINING CRITICALNESS. RESEARCH AND DEVELOPMENT SERIES NO. 108.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
NE-C-00-3-0078  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. RD-108, \$15.50 EA.)  
PUB DATE - DEC74 239P.; RELATED  
DOCUMENTS VT 103 108 THROUGH VT 103  
110 IN THIS ISSUE.

DESCRIPTORS - \*TASK PERFORMANCE;  
\*TASK ANALYSIS; JOB SKILLS; RATING  
SCALES; \*PROGRAMERS; \*TABLES  
(DATA); CURRICULUM RESEARCH;  
\*OCCUPATIONAL SURVEYS; RELEVANCE  
(EDUCATION)

ABSTRACT - THE TASK SURVEY FOR THE OCCUPATION OF BUSINESS DATA PROGRAMMER IS ONE COMPONENT OF A LONG RANGE EFFORT DIRECTED AT ESTABLISHING EFFECTIVE PROCEDURES FOR IDENTIFYING APPROPRIATE CURRICULUM CONTENT IN VOCATIONAL EDUCATION AND OCCUPATIONAL TRAINING. THE REPORT CONTAINS A BRIEF DESCRIPTION OF THE TASK INVENTORY METHOD AND SURVEY DESIGN

AND A SERIES OF DATA TABLES DISPLAYING RESPONSES OBTAINED FROM WORKERS AND SUPERVISORS IN EIGHT STATES. ADMINISTERED THROUGH THE COOPERATION OF STATE AGENCIES, THE TASK INVENTORY QUESTIONNAIRE CONSISTS OF A CHECKLIST OF 474 PROGRAMMING TASKS AND 12 QUESTIONS TO BE ANSWERED ABOUT THE TASKS TO DETERMINE WORKER PERFORMANCE DATA, JUDGEMENTS ABOUT THE CRITICALNESS OF PERFORMANCE AND TRAINING, AND SUPERVISOR EXPECTATIONS. BASED ON USABLE RESPONSES FROM 120 WORKERS AND 80 SUPERVISORS, TWO SETS OF TABLES ARE PRESENTED: THE SURVEY DATA ON TASK RELEVANCE IN HIGHLY SUMMARIZED AND ABBREVIATED FORM FOR USE BY INDIVIDUALS INVOLVED IN CURRICULUM DEVELOPMENT AND DETAILED PRESENTATION OF ALL SURVEY TASK DATA, PRIMARILY USEFUL FOR REFERENCE BY INDIVIDUALS DOING CURRICULUM RESEARCH OR OCCUPATIONAL SURVEYS. THE DOCUMENT INCLUDES A LIST OF REFERENCES, A LIST OF THE PARTICIPATING STATE AGENCIES AND THEIR KEY SUPPORTING PERSONNEL, BACKGROUND CHARACTERISTICS OF RESPONDENTS, AND A LIST OF THE 161 TASKS EXCLUDED FROM THE DATA SUMMARY BECAUSE THEY WERE NOT REASONABLY RELEVANT TO THE OCCUPATION. (AUTHOR/RG)

**VT 103 109**

AMMERMAN, HARRY L.; AND OTHERS  
OCCUPATIONAL SURVEY REPORT ON  
GENERAL SECRETARIES: TASK DATA FROM  
WORKERS AND SUPERVISORS INDICATING  
JOB RELEVANCE AND TRAINING  
CRITICALNESS. RESEARCH AND  
DEVELOPMENT SERIES NO. 109.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
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NE-C-00-3-0078

CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. RD-109, \$15.50 EA.)

PUB DATE - JAN75 236P.; RELATED  
DOCUMENTS VT 103 108 THROUGH VT 103  
110 IN THIS ISSUE.

DESCRIPTORS - \*TASK PERFORMANCE;  
\*TASK ANALYSIS; JOB SKILLS; RATING  
SCALES; CURRICULUM RESEARCH;  
\*OCCUPATIONAL SURVEYS;  
\*SECRETARIES; \*TABLES (DATA);  
RELEVANCE (EDUCATION)

ABSTRACT - THE TASK SURVEY FOR THE  
OCCUPATION OF GENERAL SECRETARY IS  
ONE COMPONENT OF A LONG RANGE  
EFFORT DIRECTED AT ESTABLISHING  
EFFECTIVE PROCEDURES FOR  
IDENTIFYING APPROPRIATE CURRICULUM  
CONTENT IN VOCATIONAL EDUCATION AND  
OCCUPATIONAL TRAINING. THE REPORT  
CONTAINS A BRIEF DESCRIPTION OF THE  
TASK INVENTORY METHOD AND SURVEY  
DESIGN AND A SERIES OF DATA TABLES  
DISPLAYING RESPONSES OBTAINED FROM  
WORKERS AND SUPERVISORS IN EIGHT  
STATES. ADMINISTERED THROUGH THE  
COOPERATION OF STATE AGENCIES, THE  
TASK INVENTORY QUESTIONNAIRE  
CONSISTS OF A CHECKLIST OF 492  
SECRETARIAL TASKS AND 12 QUESTIONS  
TO BE ANSWERED ABOUT THE TASKS TO  
DETERMINE WORKER PERFORMANCE DATA,  
JUDGEMENTS ABOUT THE CRITICALNESS  
OF PERFORMANCE AND TRAINING, AND  
SUPERVISOR EXPECTATIONS. BASED ON  
USABLE RESPONSES FROM 120 WORKERS  
AND 80 SUPERVISORS, TWO SETS OF  
TABLES ARE PRESENTED: THE SURVEY  
DATA ON TASK RELEVANCE IN HIGHLY  
SUMMARIZED AND ABBREVIATED FORM FOR  
USE BY INDIVIDUALS INVOLVED IN  
CURRICULUM DEVELOPMENT AND DETAILED  
PRESENTATION OF ALL SURVEY TASK  
DATA, PRIMARILY USEFUL FOR  
REFERENCE BY INDIVIDUALS DOING  
CURRICULUM RESEARCH OR OCCUPATIONAL  
SURVEYS. THE DOCUMENT INCLUDES A  
LIST OF REFERENCES, A LIST OF THE  
PARTICIPATING STATE AGENCIES AND  
THEIR KEY SUPPORTING PERSONNEL,  
BACKGROUND CHARACTERISTICS OF  
RESPONDENTS, AND A LIST OF THE 195  
TASKS EXCLUDED FROM THE DATA  
SUMMARY BECAUSE THEY WERE NOT  
REASONABLY RELEVANT TO THE  
OCCUPATION. (AUTHOR/RG)

**VT 103 110**

AMMERMAN, HARRY L.; PRATZNER, FRANK  
C.  
OCCUPATIONAL SURVEY REPORT ON  
AUTOMOTIVE MECHANICS: TASK DATA

FROM WORKERS AND SUPERVISORS INDICATING JOB RELEVANCE AND TRAINING CRITICALNESS. RESEARCH AND DEVELOPMENT SERIES NO. 110.

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

NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

NE-C-00-3-0078

CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER NO. RD-110, \$13.50 EA.)

PUB DATE - JAN75 208P.; RELATED DOCUMENTS VT 103 108 THROUGH VT 103 110 IN THIS ISSUE.

DESCRIPTORS - \*TASK PERFORMANCE; \*TASK ANALYSIS; JOB SKILLS; RATING SCALES; \*AUTO MECHANICS (OCCUPATION); \*TABLES (DATA); \*OCCUPATIONAL SURVEYS; CURRICULUM RESEARCH; RELEVANCE (EDUCATION)

ABSTRACT - THE TASK SURVEY FOR THE OCCUPATION OF AUTO MECHANICS IS ONE COMPONENT OF A LONG RANGE EFFORT DIRECTED AT ESTABLISHING EFFECTIVE PROCEDURES FOR IDENTIFYING APPROPRIATE CURRICULUM CONTENT IN VOCATIONAL EDUCATION AND OCCUPATIONAL TRAINING. THE REPORT CONTAINS A BRIEF DESCRIPTION OF THE TASK INVENTORY METHOD AND THE SURVEY DESIGN AND A SERIES OF DATA TABLES DISPLAYING RESPONSES OBTAINED FROM WORKERS AND SUPERVISORS IN EIGHT STATES. ADMINISTERED THROUGH THE COOPERATION OF STATE AGENCIES, THE TASK INVENTORY QUESTIONNAIRE CONSISTS OF A CHECKLIST OF 380 AUTO MECHANICS TASKS AND 12 QUESTIONS TO BE ANSWERED ABOUT THE TASKS TO DETERMINE WORKER PERFORMANCE DATA, JUDGEMENTS ABOUT THE CRITICALNESS OF PERFORMANCE AND TRAINING, AND SUPERVISOR EXPECTATIONS. BASED ON USABLE RESPONSES FROM 120 WORKERS AND 74 SUPERVISORS, TWO SETS OF TABLES ARE PRESENTED: THE SURVEY DATA ON TASK RELEVANCE IN HIGHLY SUMMARIZED AND ABBREVIATED FORM FOR USE BY INDIVIDUALS INVOLVED IN CURRICULUM DEVELOPMENT AND A

DETAILED PRESENTATION OF ALL SURVEY TASK DATA, PRIMARILY USEFUL FOR REFERENCE BY INDIVIDUALS DOING CURRICULUM RESEARCH OR OCCUPATIONAL SURVEYS. THE DOCUMENT INCLUDES A LIST OF REFERENCES, A LIST OF THE PARTICIPATING STATE AGENCIES AND THEIR KEY SUPPORTING PERSONNEL, BACKGROUND CHARACTERISTICS OF RESPONDENTS, AND A LIST OF THE 59 TASKS EXCLUDED FROM THE DATA SUMMARY BECAUSE THEY WERE NOT REASONABLY RELEVANT TO THE OCCUPATION. (AUTHOR/RG)

VT 103 111

PALMER, RUTH B.

FACTORS THAT AFFECT OPTIMUM ENROLLMENT AT WARREN OCCUPATIONAL TECHNICAL CENTER.

COLORADO STATE UNIV., FT. COLLINS. OFFICE OF EDUCATION (DHEW),

WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - AUG75 28P.

DESCRIPTORS - \*ENROLLMENT INFLUENCES; \*SCHOOL SURVEYS; \*VOCATIONAL TRAINING CENTERS; \*SECONDARY EDUCATION; \*STUDENT ENROLLMENT; TABLES (DATA); PARENT ATTITUDES; TEACHER ATTITUDES; STUDENT ATTITUDES; ADMINISTRATOR ATTITUDES IDENTIFIERS - JEFFERSON COUNTY; COLORADO

ABSTRACT - A SURVEY OF JEFFERSON COUNTY HIGH SCHOOL STUDENTS, PARENTS, AND JUNIOR AND SENIOR HIGH SCHOOL PERSONNEL WAS CONDUCTED IN APRIL 1975 TO IDENTIFY FACTORS THAT AFFECT OPTIMUM ENROLLMENT AT THE WARREN OCCUPATIONAL CENTER. THE VARIABLES, OR AREAS OF CONCERN, INCLUDED: ATTITUDES TOWARD EDUCATION, VOCATIONAL EDUCATION, AND THE WARREN CENTER, COUNSELORS' AWARENESS OF VOCATIONAL EDUCATION, AWARENESS OF WARREN CENTER PROGRAMS, DISTANCE BETWEEN WARREN CENTER AND FEEDER HIGH SCHOOLS, AND SCHEDULING CONFLICTS. SEPARATE QUESTIONNAIRES WERE PREPARED FOR EACH OF THE RESPONDENT GROUPS: PARENTS, STUDENTS, TEACHERS AND

ADMINISTRATORS, AND COUNSELORS, AND FINDINGS ARE REPORTED AS THEY RELATE TO EACH OF THE VARIABLES UNDER CONSIDERATION. RESULTS OF SIX HIGH SCHOOLS HAVING A HIGH ATTENDANCE AT THE CENTER ARE COMPARED WITH RESULTS OF THE SIX SCHOOLS WITH A LOW ATTENDANCE. RECOMMENDATIONS TO ACHIEVE OPTIMUM ENROLLMENT INCLUDE IMPROVING DISSEMINATION OF INFORMATION ABOUT THE CENTER IN A VARIETY OF WAYS, AND EXPANSION OF GUIDANCE AND COUNSELING SERVICES TO PROVIDE MORE INFORMATION ABOUT OCCUPATIONAL PROGRAMS. (RG)

VT 103 112

MASTERSON, ALBERT C.; AND OTHERS  
COLORADO OCCUPATIONAL RESEARCH  
COORDINATING UNIT FOR CONSUMER  
EDUCATION: A VIABLE PROGRAM THROUGH  
VOCATIONAL BUSINESS AND OFFICE  
EDUCATION, VOCATIONAL DISTRIBUTIVE  
EDUCATION, AND VOCATIONAL HOME  
ECONOMICS EDUCATION. FINAL REPORT.

COLORADO STATE UNIV., FT. COLLINS.  
COLORADO STATE BOARD FOR COMMUNITY  
COLLEGES AND OCCUPATIONAL  
EDUCATION, DENVER.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - AUG75 32P.

DESCRIPTORS - \*CONSUMER EDUCATION;  
\*HIGH SCHOOL CURRICULUM;  
\*CURRICULUM DEVELOPMENT;  
\*CURRICULUM EVALUATION; \*SECONDARY  
EDUCATION

ABSTRACT - THE REPORT SUMMARIZES A PROJECT DESIGNED TO IMPLEMENT AND EVALUATE A CONSUMER EDUCATION CURRICULUM FOR HIGH SCHOOL STUDENTS. DURING THE SPRING OF 1975, 1332 STUDENTS IN 13 SELECTED HIGH SCHOOLS WERE ENROLLED IN BUSINESS AND OFFICE EDUCATION, DISTRIBUTIVE EDUCATION, OR HOME ECONOMICS CLASSES UTILIZING A CONSUMER EDUCATION CURRICULUM. CURRICULUM MATERIALS WERE SELECTED FROM THOSE CURRENTLY AVAILABLE; THEY WERE ALSO DEVELOPED AND IMPROVED BY PARTICIPATING TEACHERS. A COMPARISON OF RESULTS OF STUDENT

PRETESTS AND POSTTESTS DEMONSTRATED THE EFFECTIVENESS OF THE CURRICULUM. THE LEVEL OF CONSUMER EDUCATION KNOWLEDGE INCREASED SIGNIFICANTLY AS A RESULT OF HAVING COMPLETED THE COURSE. APPENDED IS THE 11-PAGE COURSE OUTLINE. MAJOR CONCEPTS ARE: THE CONSUMER AND THE ECONOMY; CONSUMER PLANNING AND DECISIONMAKING; CONSUMER CREDIT, TAXES, AND GOVERNMENT SERVICES; CONSUMER AND FINANCIAL SECURITY; CONSUMER ASSISTANCE AND PROTECTION; AND THE CONSUMER IN THE MARKET. ALSO APPENDED ARE THE LIST OF PARTICIPATING SCHOOLS AND TEACHERS AND MATERIALS RELATING TO A PANEL ON CONSUMER FRAUD FOR TEACHERS. (RG)

VT 103 113

PASTRANA, RONALD R.  
OCCUPATIONS AND APTITUDES.

DUTCHESS COUNTY BOARD OF  
COOPERATIVE EDUCATIONAL SERVICES,  
POUGHKEEPSIE, N.Y.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - APR76 11P.; PAPER  
PRESENTED AT THE ANNUAL CONVENTION  
OF THE AMERICAN PERSONNEL AND  
GUIDANCE ASSOCIATION (CHICAGO,  
ILLINOIS, APRIL 11-14, 1976). FOR  
ANOTHER PAPER PRESENTED AT THE SAME  
CONVENTION, SEE RELATED DOCUMENT VT  
103 114 IN THIS ISSUE.

DESCRIPTORS - \*SPEECHES;  
\*PERFORMANCE BASED EDUCATION;  
\*OCCUPATIONAL GUIDANCE; \*VOCATIONAL  
APTITUDE; \*APTITUDE TESTS;  
VOCATIONAL EDUCATION  
IDENTIFIERS - \*ARMED SERVICES  
VOCATIONAL APTITUDE BATTERY

ABSTRACT - TWO STRATEGIES UTILIZED BY THE DUTCHESS COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICE (BOCES) AREA OCCUPATIONAL CENTER IN ASSISTING YOUNG PEOPLE TO MAKE REALISTIC CAREER DECISIONS ARE THE USE OF THE ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB) AND IMPLEMENTATION OF A PERFORMANCE BASED EVALUATION SYSTEM. TESTING OF 220 STUDENTS RESULTED IN THE IDENTIFICATION OF TWO-YEAR

OCCUPATIONAL PROGRAMS WHICH SEEM TO CORRELATE WITH FIVE ASVAB COMPOSITES: ELECTRONICS, MOTOR MECHANICAL, GENERAL MECHANICAL, CLERICAL ADMINISTRATIVE, AND GENERAL TECHNICAL. THE PERFORMANCE BASED EVALUATION SYSTEM AT THE VOCATIONAL EVALUATION CENTER PROVIDES FOR COMPLETION OF PROGRAMMED WORK TASKS PERFORMED SEQUENTIALLY AT A SERIES OF WORK SAMPLE STATIONS. A BIBLIOGRAPHY IS APPENDED. (AUTHOR/RG)

**VT 103 114**

PASTRANA, RONALD R.  
RELATING THE ASVAB (ARMED SERVICES VOCATIONAL APTITUDE BATTERY) TO CAREER GUIDANCE AND OCCUPATIONAL EDUCATION.

DUTCHESS COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICES, POUGHKEEPSIE, N.Y.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - MAR75 10P.; PAPER PRESENTED AT THE ANNUAL CONVENTION OF THE AMERICAN PERSONNEL AND GUIDANCE ASSOCIATION (CHICAGO, ILLINOIS, APRIL 11-14, 1976). FOR ANOTHER PAPER PRESENTED AT THE SAME CONVENTION, SEE RELATED DOCUMENT VT 103 113 IN THIS ISSUE.

DESCRIPTORS - \*SPEECHES;  
\*OCCUPATIONAL GUIDANCE; \*APTITUDE TESTS; \*VOCATIONAL APTITUDE;  
\*VOCATIONAL EDUCATION  
IDENTIFIERS - \*ARMED SERVICES VOCATIONAL APTITUDE BATTERY

ABSTRACT - IN ORDER TO MAKE REALISTIC DECISIONS ABOUT CAREER CHOICE, YOUNG PEOPLE NEED SOME IDEA OF WHAT THEIR ABILITIES AND APTITUDES ARE. THE ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB) IS A CAREER PLANNING INSTRUMENT DEVELOPED BY THE DEPARTMENT OF DEFENSE THAT TRANSLATES RESULTANT PERCENTILE SCORES INTO CORRESPONDING OCCUPATIONAL CLUSTERS. ASVAB HAS BEEN USED IN HIGH SCHOOLS THROUGHOUT THE NATION AS A TESTING COMPONENT OF CAREER GUIDANCE PROGRAMS. RESULTS OF A STUDENT SURVEY AT WALT WHITMAN HIGH

SCHOOL IN LONG ISLAND SHOWED THAT THE TEST WAS USEFUL IN PROVIDING APTITUDE AND ABILITY INFORMATION, OCCUPATIONAL CLASSIFICATION DATA, AND IN STIMULATING INTEREST FOR INDEPTH CAREER STUDY. ASVAB IS CURRENTLY BEING TRIED AS A PREDICTIVE INSTRUMENT FOR SUCCESS IN OCCUPATIONAL TRAINING AT THE DUTCHESS COUNTY BOARD OF COOPERATIVE EDUCATIONAL SERVICE AREA OCCUPATIONAL CENTER. DESCRIPTIVE CHARTS ARE APPENDED. (AUTHOR/RG)

**VT 103 115**

DEVELOPING AND TESTING SIMULATED OCCUPATIONAL EXPERIENCES FOR DISTRIBUTIVE EDUCATION STUDENTS IN RURAL COMMUNITIES. FINAL REPORT. VOLUME I.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
DEG-0-74-1738  
PUB DATE - 28FEB76 130P.;  
RELATED DOCUMENTS VT 103 003 AND VT 103 004 IN THIS ISSUE.

DESCRIPTORS - \*DISTRIBUTIVE EDUCATION; \*RURAL SCHOOLS;  
\*SIMULATION; \*PERFORMANCE BASED EDUCATION; SENIOR HIGH SCHOOLS;  
GRADE 11; GRADE 12; PROGRAM EVALUATION; TEACHING TECHNIQUES;  
\*EXPERIMENTAL CURRICULUM;  
CURRICULUM DEVELOPMENT

ABSTRACT - THE PURPOSE OF THE PROJECT WAS TO DEVELOP AND TEST A PROGRAM OF SIMULATED OCCUPATIONAL EXPERIENCES IN RURAL COMMUNITIES WHERE THE NORMAL COOPERATIVE DISTRIBUTIVE EDUCATION PROGRAM IS NOT FEASIBLE. A DISTRIBUTIVE EDUCATION PROGRAM UTILIZING THE SIMULATION PLAN WAS ESTABLISHED IN FOUR PILOT HIGH SCHOOLS. IN EACH SCHOOL, A TEACHER-COORDINATOR DIRECTED THE PROJECT, 15 JUNIOR AND 15 SENIOR STUDENTS WERE SELECTED FOR PARTICIPATION, AN ADVISORY COMMITTEE WAS APPOINTED, AND A LOCAL CHAPTER OF THE DISTRIBUTIVE

EDUCATION CLUBS OF AMERICA WAS ORGANIZED. PROJECT DESIGN CALLED FOR THE USE OF COMPETENCY-BASED INSTRUCTION IN THE CLASSROOM AND IN A SIMULATED OR SCHOOL STORE. THE CURRICULUM MATERIALS AND TRAINING PLANS DEVELOPED BY THE PROJECT STAFF ARE DESCRIBED IN VOLUMES II AND III OF THE REPORT (VT 103 003 AND VT 103 004 IN THIS ISSUE). INCLUDED IN THE DOCUMENT IS THE THIRD PARTY EVALUATION REPORT. FOCUS OF THE EVALUATION WAS ON PROJECT OBJECTIVES AND ACTIVITIES, PROGRAM FACILITIES AND EQUIPMENT, CHARACTERISTICS OF PERSONNEL, ASSESSMENT TECHNIQUES, AND MATERIALS DEVELOPED. OVERALL CONCLUSIONS WERE THAT THE PURPOSE AND OBJECTIVES HAVE BEEN MET, THE GENERAL PLAN IS TRANSPORTABLE, AND THE SIMULATION MODEL IS A VIABLE ALTERNATIVE TO THE COOPERATIVE PROGRAM. APPENDIXES INCLUDE A SELECTED BIBLIOGRAPHY, INSERVICE MATERIALS, SAMPLE FORMS AND CORRESPONDENCE, AND A SCHEDULE OF CAREER PROGRESSIONS IN SIX CATEGORIES OF BUSINESS. (AUTHOR/RG)

**VT 103 116**

KOBLE, DANIEL E., JR., ED.; AND OTHERS  
ISSUES AND ANSWERS IN VOCATIONAL EDUCATION. NATIONAL LEADERSHIP DEVELOPMENT SEMINAR FOR STATE DIRECTORS OF VOCATIONAL EDUCATION (SNOWMASS-ASPEN, COLORADO, SEPTEMBER 23-26, 1975). LEADERSHIP TRAINING SERIES NO. 45.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION.  
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C. DIV. OF VOCATIONAL EDUCATION PERSONNEL DEVELOPMENT.; OHIO STATE DEPT. OF EDUCATION, COLUMBUS. DIV. OF VOCATIONAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
OHIO STATE UNIVERSITY. CENTER FOR VOCATIONAL EDUCATION. 1960 KENNY ROAD. COLUMBUS, OHIO 43224. (ORDER NO. LN-45, \$14.00 EA.)  
PUB DATE - JAN76 179P.

DESCRIPTORS - \*VOCATIONAL

DIRECTORS; \*SEMINARS; \*LEADERSHIP RESPONSIBILITY; \*MANAGEMENT DEVELOPMENT; NATIONAL PROGRAMS; \*VOCATIONAL EDUCATION

ABSTRACT - THE 1975 NATIONAL SEMINAR WAS DESIGNED TO PROVIDE INSERVICE EDUCATION FOR STATE VOCATIONAL DIRECTORS WITH A FOCUS ON REDEFINING ROLES AND RESPONSIBILITIES IN KEY AREAS OF VOCATIONAL EDUCATION. THREE POSITION PAPERS FOR EACH OF THE FOLLOWING TOPICS WERE PRESENTED: A PHILOSOPHY FOR VOCATIONAL EDUCATION, THE GOVERNANCE OF VOCATIONAL EDUCATION AT THE STATE AND LOCAL LEVELS, THE ROLE OF VOCATIONAL EDUCATION IN LARGE CITIES, THE ROLE OF RESEARCH IN VOCATIONAL EDUCATION, STANDARD CHARACTERISTICS OF VOCATIONAL EDUCATION PROGRAMS, AND MANAGEMENT INFORMATION SYSTEMS FOR VOCATIONAL EDUCATION. FOLLOWING THE PRESENTATION OF THE POSITION PAPERS, TASK FORCE GROUPS OF SEMINAR PARTICIPANTS PRODUCED SYNTHESIZED VERSIONS OF THE PAPERS FOR EACH TOPIC. IN ADDITION, PROGRESS REPORTS WITH THE FOLLOWING TITLES ARE INCLUDED: CURRICULUM DEVELOPMENT--THE VOCATIONAL-TECHNICAL EDUCATION CONSORTIUM OF THE STATE; CAREER EDUCATION: ITS STATUS TODAY; THE EDUCATION COMMISSION OF THE STATES LOOKS AT VOCATIONAL STUDY; AND CHIEF STATE OFFICERS LOOK AT VOCATIONAL EDUCATION. THE SEMINAR AGENDA AND LISTS OF PROGRAM PRESENTERS AND PARTICIPANTS ARE APPENDED. (AUTHOR/NJ)

**VT 103 117**

BOWERS, ELLEN  
THE OKLAHOMA EXTERN PROGRAM '75. A LEADERSHIP DEVELOPMENT PROGRAM FOR VOCATIONAL TECHNICAL EDUCATION PERSONNEL IN OKLAHOMA. SPRING 1975. A REPORT.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER.; OKLAHOMA STATE UNIV., STILLWATER.; CENTRAL STATE UNIV., WILBERFORCE, OHIO.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 76 48P.

DESCRIPTORS - \*LEADERSHIP TRAINING;  
\*TEACHER SEMINARS; \*VOCATIONAL  
EDUCATION TEACHERS; \*LEADERSHIP  
QUALITIES; \*PROGRAM EVALUATION;  
PROGRAM DESCRIPTIONS; MANAGEMENT  
DEVELOPMENT; FEMALES; MINORITY  
GROUP TEACHERS  
IDENTIFIERS - \*OKLAHOMA

ABSTRACT - OBJECTIVES OF THE  
LEADERSHIP DEVELOPMENT PROGRAM WERE  
TO IDENTIFY INDIVIDUALS WITH  
LEADERSHIP POTENTIAL AND TO PROVIDE  
EXPERIENCES TO BROADEN  
UNDERSTANDING OF THE PRESENT AND  
FUTURE ROLES OF VOCATIONAL  
EDUCATION. PRIORITY WAS GIVEN TO  
WOMEN AND MINORITIES IN SELECTION  
OF CANDIDATES. THE 29 EXTERNS,  
REPRESENTING SEVEN EDUCATIONAL  
CATEGORIES, PARTICIPATED IN FIVE  
WEEKEND SEMINARS FROM JANUARY TO  
MAY 1975. INFORMATION IS PROVIDED  
ABOUT THE PARTICIPANTS' TEACHING  
AREAS, ETHNICITY, AGE DISTRIBUTION,  
VOCATIONAL HISTORY, EDUCATIONAL  
BACKGROUND, AND ASPIRATION INTEREST  
LEVEL. TABLES DISPLAY PARTICIPANTS'  
RANKING OF LEADERSHIP  
CHARACTERISTICS BY PERCEIVED  
IMPORTANCE; RANKING OF  
ADMINISTRATOR TRAINING ACTIVITIES,  
AND COMPARISONS OF ATTITUDINAL  
STATEMENTS OF AGREEMENT AND  
DISAGREEMENT. ALSO DISPLAYED ARE  
THE RESULTS OF PARTICIPANTS'  
EVALUATION, WITH TABLES SHOWING  
RANK ORDERING OF THE DEGREE OF  
ACHIEVEMENT OF PROGRAM OBJECTIVES  
AND OF THE VALUE OF PROGRAM  
ACTIVITIES. ADDITIONAL COMMENTS  
EMPHASIZE HIGHLIGHTS OF THE  
SEMINARS AND PROGRAM SUGGESTIONS  
FROM THE COORDINATOR. APPENDIXES  
INCLUDE A LIST OF PARTICIPANTS, THE  
PROGRAM AGENDA, INDIVIDUAL  
DEVELOPMENTAL PLAN FORM, EVALUATION  
INSTRUMENTS, AND A LIST OF  
LEADERSHIP CHARACTERISTICS AS  
IDENTIFIED FROM PARTICIPANTS'  
INTERVIEWS. (NJ)

VT 103 118  
COPA, GEORGE; AND OTHERS

STATUS OF FORMER HIGH SCHOOL  
STUDENTS: PROCEDURE FOR LOCAL  
ASSESSMENT. SUMMARY REPORT FOR A  
STATEWIDE SAMPLE CLASS OF 1974.

MINNESOTA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
MINNEAPOLIS.  
MINNESOTA STATE DEPT. OF EDUCATION,  
ST. PAUL. DIV. OF VOCATIONAL AND  
TECHNICAL EDUCATION.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
MINNESOTA RESEARCH COORDINATING  
UNIT FOR VOCATIONAL EDUCATION,  
UNIVERSITY OF MINNESOTA,  
MINNEAPOLIS, MINNESOTA 55455.  
PUB DATE - FEB76 50P.

DESCRIPTORS - \*FOLLOWUP STUDIES;  
\*GRADUATE SURVEYS; \*HIGH SCHOOL  
GRADUATES; SECONDARY EDUCATION;  
\*VOCATIONAL FOLLOWUP  
IDENTIFIERS - \*MINNESOTA

ABSTRACT - THIS REPORT DESCRIBES A  
PROJECT TO ASSESS THE POST HIGH  
SCHOOL EDUCATIONAL AND EMPLOYMENT  
STATUS OF ONE-THIRD OF THE 1974  
MINNESOTA HIGH SCHOOL GRADUATING  
CLASS. SEVENTY-SEVEN SECONDARY  
SCHOOLS PARTICIPATED IN THE PROJECT  
DURING 1975 AND FOLLOWED UP 17,642  
OF THEIR FORMER STUDENTS 10 TO 11  
MONTHS AFTER GRADUATION. THE  
OVERALL RATE OF RESPONSE WAS 82  
PERCENT. ABOUT 60 PERCENT HAD PAID  
EMPLOYMENT AND 51 PERCENT WERE  
ENROLLED IN POSTSECONDARY EDUCATION  
OF VARIOUS KINDS. THE REPORT  
DISCUSSES THE BASIS FOR DEVELOPING  
THE ASSESSMENT PROCEDURE--THE USE  
OF THE INFORMATION AND THE CRITERIA  
FOR THE PROCEDURE. THE SECOND  
SECTION DESCRIBES THE PROCEDURE,  
PROVIDING INFORMATION ABOUT THE  
KINDS OF INFORMATION COLLECTED AND  
DESIGN AND DEVELOPMENT OF THE  
INSTRUMENT AND FOLLOWUP  
QUESTIONNAIRE. A BRIEF EXPLANATION  
OF EACH OF THE FIGHT STAGES IN THE  
ASSESSMENT PROCEDURE IS PRESENTED.  
THE THIRD SECTION DESCRIBES THE  
CHARACTERISTICS OF PARTICIPATING  
SCHOOLS, THE SET OF TABLES USED TO  
SUMMARIZE THE COLLECTED  
INFORMATION, AND PRESENTS SUMMARY  
DATA FOR ALL SCHOOLS WHICH DESCRIBE

THE EDUCATIONAL AND EMPLOYMENT ACTIVITIES OF FORMER STUDENTS. THE FINAL SECTION DISCUSSES PROJECT RESULTS AND OFFERS RECOMMENDATIONS FOR FUTURE EFFORTS IN FOLLOWUP RESEARCH. APPENDED ARE LISTS OF EXAMPLE SUBGROUPS OF INTEREST TO PARTICIPATING SCHOOLS AND OF MINNESOTA SECONDARY SCHOOLS PARTICIPATING IN THE SURVEY. (NJ)

VT 103 119  
 DIRECTORY OF TASK INVENTORIES.  
 VOLUME 3.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
 DEG-0-74-1671

CENTER FOR VOCATIONAL EDUCATION, OHIO STATE UNIVERSITY, 1960 KENNY ROAD, COLUMBUS, OHIO 43210. (ORDER NO. UN 8, \$6.25 EA.)  
 PUB DATE - 76 94P.

DESCRIPTORS - \*INDEXES (LOCATERS);  
 \*JOB SKILLS; \*TASK ANALYSIS;  
 EMPLOYMENT QUALIFICATIONS;  
 \*DIRECTORIES  
 IDENTIFIERS - \*TASK INVENTORIES  
 DIRECTORY

ABSTRACT - AS PART OF A TASK INVENTORY EXCHANGE PROJECT, DOCUMENTS FROM STATE EDUCATIONAL AND EMPLOYMENT SERVICE AGENCIES, OCCUPATIONAL CURRICULUM LABORATORIES AND RESEARCH COORDINATING UNITS, BRANCHES OF THE ARMED FORCES, SELECTED PRIVATE RESEARCH AND DEVELOPMENT AGENCIES, AND OTHER ORGANIZATIONS WERE REVIEWED, AND THE INFORMATION COMPILED IS REPORTED IN THREE DIRECTORIES. VOLUME THREE CONTAINS CITATIONS OF 153 DOCUMENTS CONTAINING TASK INVENTORIES FOR 185 OCCUPATIONAL AREAS/JOB TITLES. THE CITATIONS INCLUDE THE FOLLOWING INFORMATION: ACCESSION NUMBER, TITLE, AUTHOR, PUBLICATION DATE, NUMBER OF PAGES, SPONSORING AGENCY, OCCUPATIONAL AREA OR JOB TITLE, NUMBER OF TASKS, AND AVAILABILITY INFORMATION. THE CITATIONS ARE

INDEXED BY JOB TITLE/OCCUPATIONAL AREA AND BY PERSONAL AND CORPORATE AUTHOR. A REFERENCE SECTION, INDEXED BY AUTHOR, LISTS DOCUMENTS WHICH DO NOT HAVE TASK INVENTORIES, BUT DO CONTAIN INFORMATION ON TASK AND JOB ANALYSIS/INVENTORY CREATION METHODOLOGIES. (AUTHOR/RG)

VT 103 120  
 TEACHER EDUCATION IN AGRICULTURE GUIDELINES.

AMERICAN ASSOCIATION OF TEACHER EDUCATORS IN AGRICULTURE, ST. PAUL, MINN.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - 76 11P.

DESCRIPTORS - \*GUIDELINES; \*TEACHER EDUCATION; \*AGRICULTURAL EDUCATION; \*VOCATIONAL AGRICULTURE TEACHERS

ABSTRACT - THE GUIDELINES PRESENTED IN THE BOOKLET ARE INTENDED TO ACCOMPANY THE NATIONAL COUNCIL FOR ACCREDITATION OF TEACHER EDUCATION STANDARDS FOR REVIEWING TEACHER EDUCATION PROGRAMS IN AGRICULTURE. AREAS OF CONCERN ARE: PROGRAM OF INSTRUCTION, FACULTY, STUDENTS, RESOURCES AND FACILITIES, AND EVALUATION PROGRAM REVIEW AND PLANNING. WITHIN EACH OF THESE FIVE AREAS, GUIDELINES ARE LISTED FOR SPECIFIC TOPICS. FOR EXAMPLE, TOPICS COVERED IN THE AREA OF EVALUATION PROGRAM REVIEW AND PLANNING ARE: EVALUATION OF GRADUATES, USE OF EVALUATION RESULTS TO IMPROVE BASIC PROGRAMS, AND LONG-RANGE PLANNING. (RG)

VT 103 121  
 ARIZONA MANPOWER PROJECTIONS TO 1981.

ARIZONA STATE DEPT. OF ECONOMIC SECURITY, TUCSON. RESEARCH AND STATISTICS BUREAU.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - JAN76 44P.; RELATED DOCUMENT VT 103 122 IN THIS ISSUE.

DESCRIPTORS - \*EMPLOYMENT PROJECTIONS; \*EMPLOYMENT

OPPORTUNITIES; \*MANPOWER NEEDS;  
 \*TABLES (DATA); \*EMPLOYMENT TRENDS;  
 OCCUPATIONAL SURVEYS; EMPLOYMENT  
 STATISTICS  
 IDENTIFIERS - \*ARIZONA; TUCSON;  
 PHOENIX

ABSTRACT - FOUR SETS OF TABLES ARE  
 PRESENTED IN THE REPORT. THE FIRST  
 THREE ARE EMPLOYMENT PROJECTIONS  
 FOR APPROXIMATELY 500 OCCUPATIONS  
 FOR THE YEARS 1976, 1977, AND 1981  
 IN THE STATE OF ARIZONA AND IN THE  
 STANDARD METROPOLITAN STATISTICAL  
 AREAS OF PHOENIX AND TUCSON. THE  
 FOURTH SET SHOWS THE TOTAL DEMAND,  
 OR NUMBER OF JOB OPPORTUNITIES  
 ANTICIPATED, FOR EACH OF THESE  
 OCCUPATIONS DURING THE SIX YEAR  
 PERIOD 1976-1981 IN EACH OF THE  
 THREE AREAS. THE EMPLOYMENT  
 PROJECTIONS ARE BASICALLY DERIVED  
 FROM ESTIMATES IN "ARIZONA MANPOWER  
 PROJECTIONS TO 1980," PUBLISHED IN  
 MARCH 1975. TOTAL DEMAND WAS ALSO  
 DERIVED FROM THESE ESTIMATES. THE  
 OCCUPATIONS IN THE REPORT ARE  
 GROUPED BY TYPE, AND ESTIMATES ARE  
 GIVEN FOR THE TOTAL OF EACH  
 OCCUPATIONAL GROUP. (AUTHOR/RG)

VT 103 122

OCCUPATIONAL DEMAND 1976-1981.  
 ARIZONA, PHOENIX AND TUCSON SMSA'S  
 RANKING SCHEDULE.

ARIZONA STATE DEPT. OF ECONOMIC  
 SECURITY, TUCSON. RESEARCH AND  
 STATISTICS BUREAU.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - JAN76 28P.; RELATED  
 DOCUMENT VT 103 121 IN THIS ISSUE.

DESCRIPTORS - \*EMPLOYMENT  
 PROJECTIONS; \*EMPLOYMENT  
 OPPORTUNITIES; \*MANPOWER NEEDS;  
 \*TABLES (DATA); \*EMPLOYMENT TRENDS;  
 OCCUPATIONAL SURVEYS; EMPLOYMENT  
 STATISTICS  
 IDENTIFIERS - \*ARIZONA; TUCSON;  
 PHOENIX

ABSTRACT - OCCUPATIONAL DEMAND IS  
 THE NUMBER OF NEW PERSONS NECESSARY  
 IN A PARTICULAR OCCUPATION FOR TWO  
 REASONS: REPLACEMENTS AND/OR  
 INDUSTRIAL EXPANSION. THE THREE

SETS OF TABLES IN THIS BOOKLET  
 PRESENT THE OCCUPATIONAL DEMAND OF  
 APPROXIMATELY 500 OCCUPATIONS FOR  
 THE YEARS 1976-1981 FOR THE STATE  
 OF ARIZONA AND FOR THE STANDARD  
 METROPOLITAN STATISTICAL AREAS OF  
 PHOENIX AND TUCSON. INDICATED IN  
 THE RANKING SCHEDULE ARE THOSE  
 OCCUPATIONS WHERE THE ABSOLUTE  
 NUMBER OF WORKERS IS EXPECTED TO  
 DECLINE BETWEEN 1976 AND 1981.  
 (AUTHOR/RG)

VT 103 123

MANPOWER PLANNING, ASSESSMENT AND  
 ADMINISTRATION REPORT - FIJI.  
 PROJECT FINDINGS AND  
 RECOMMENDATIONS.

INTERNATIONAL LABOUR ORGANISATION,  
 GENEVA (SWITZERLAND).  
 UNITED NATIONS DEVELOPMENT  
 PROGRAMME, GENEVA (SWITZERLAND).  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 FIJ/73/003  
 PUB DATE - 75 15P.

DESCRIPTORS - \*TECHNICAL  
 ASSISTANCE; \*DEVELOPING NATIONS;  
 MANPOWER NEEDS; \*MANPOWER  
 UTILIZATION; \*MANPOWER DEVELOPMENT;  
 \*PLANNING; LABOR FORCE  
 IDENTIFIERS - \*FIJI

ABSTRACT - DESCRIBED IN THE REPORT  
 ARE THE ACTIVITIES AND RESULTS OF  
 THE TWO-YEAR EFFORT OF AN OUTSIDE  
 ADVISOR TO ASSIST THE FIJI  
 GOVERNMENT IN MANPOWER PLANNING,  
 ASSESSMENT, AND ADMINISTRATION. KEY  
 PROBLEMS WHICH LENT THEMSELVES TO  
 POLICY SOLUTIONS WERE THE FOCUS OF  
 ACTIVITIES, RATHER THAN LONG TERM  
 FORECASTING. WITH THE ASSISTANCE OF  
 GOVERNMENT AGENCIES, MAJOR  
 ACCOMPLISHMENTS WERE CONCERNED WITH  
 PREPARING THE MANPOWER FRAMEWORK  
 FOR DEVELOPMENT PLAN VII, ANALYZING  
 THE PROBLEMS OF SCHOOL DROPOUTS AND  
 SKILL DRAIN, IMPROVING THE DATA  
 BASE FOR MANPOWER ASSESSMENT, AND  
 CONDUCTING EDUCATIONAL AND  
 EMPLOYMENT SURVEYS. RECOMMENDATIONS  
 ARE PRESENTED TO: (1) IMPROVE THE  
 STATISTICAL BASIS FOR MANPOWER  
 ASSESSMENT AND PLANNING, (2)  
 IMPROVE THE LABOR SUPPLY TO MEET

MANPOWER REQUIREMENTS FOR QUALIFIED PERSONNEL, AND (3) PROMOTE HIGHER LEVELS OF EMPLOYMENT. APPENDED ARE A LIST OF PAPERS PREPARED BY THE ADVISOR ON SPECIFIC ASPECTS OF THE PROJECT. (RG)

VT 103 124

BRENDLER, WILLIAM, COMP.; AND OTHERS  
PROCEEDINGS OF THE SHOP TRAVELERS' SEMINAR (OHIO STATE UNIVERSITY, OCTOBER 16-17, 1975).

OHIO STATE UNIV., COLUMBUS.  
ACADEMIC FACULTY FOR VOCATIONAL-TECHNICAL EDUCATION.  
ACTION, WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 78P.

DESCRIPTORS - \*SEMINARS;  
\*CONFERENCE REPORTS; \*FIELD TRIPS;  
\*DEVELOPING NATIONS; RECRUITMENT;  
\*VOCATIONAL EDUCATION; \*VOLUNTEERS;  
TEACHER RECRUITMENT; INTERNATIONAL PROGRAMS  
IDENTIFIERS - \*PEACE CORPS; SKILLED HANDS OVERSEAS PROGRAM; SHOP

ABSTRACT - THE SHOP (SKILLED HANDS OVERSEAS PROGRAM) IS AN INFORMAL ARRANGEMENT BETWEEN THE PEACE CORPS AND TECHNICAL COLLEGES, UNIVERSITIES, COMPANIES, AND UNIONS AROUND THE UNITED STATES TO SEND REPRESENTATIVES FROM THESE ORGANIZATIONS ON FIELD TRIPS TO COUNTRIES WHERE PEACE CORPS VOLUNTEERS ARE SERVING AS TEACHERS IN VOCATIONAL-TECHNICAL, INDUSTRIAL ARTS, AND SKILLED CRAFTSMEN TRAINING PROGRAMS. THE PURPOSE OF THE FIRST SHOP SEMINAR WAS TO COMPILE VARIOUS OBSERVATIONS FROM SHOP TRAVELERS THAT MIGHT HELP INCREASE THE EFFECTIVENESS OF RECRUITING PEACE CORPS VOLUNTEERS FOR TEACHING POSITIONS IN DEVELOPING COUNTRIES. THE COUNTRIES COVERED IN THE PROCEEDINGS ARE: JAMAICA, MALAYSIA/MICRONESIA, KENYA, IRAN/MOROCCO, TUNISIA, AND ECUADOR. OTHER PRESENTATIONS DEAL WITH THE TOPIC OF RECRUITMENT. EIGHTEEN RECOMMENDATIONS ARE OFFERED FOR IMPROVING THE SHOP

PROGRAM AND RECRUITING PROCEDURES FOR THE PEACE CORPS. APPENDED ARE THE LIST OF SEMINAR PARTICIPANTS AND DAILY AGENDA. (AUTHOR/RG)

VT 103 125

NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION. SIXTH ANNUAL REPORT 1975.

NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, ALBANY.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 42P.

DESCRIPTORS - \*ADVISORY COMMITTEES;  
\*VOCATIONAL EDUCATION; CAREER EDUCATION; \*PROGRAM EVALUATION;  
ANNUAL REPORTS; \*STATEWIDE PLANNING  
IDENTIFIERS - \*NEW YORK

ABSTRACT - RECOMMENDATIONS OF THE COUNCIL FOR FISCAL YEAR 1975 ARE PRESENTED CONCERNING CAREER EDUCATION, STUDENT OCCUPATIONAL ORGANIZATIONS, GUIDANCE AND COUNSELING, AND THE STATE PLAN. ALSO INCLUDED IN THE DOCUMENT ARE A DISCUSSION OF THE STATUS OF RECOMMENDATIONS MADE IN THE FIFTH ANNUAL REPORT AND FIVE SUMMARY REPORTS ON CAREER EDUCATION, THE STATE PLAN, STUDENT OCCUPATIONAL ORGANIZATIONS, A CONFERENCE FOR LOCAL ADVISORY COUNCIL REPRESENTATIVES, AND COUNCIL MEETINGS AND ACTIVITIES. APPENDED ARE A STATEMENT OF COUNCIL RESPONSIBILITIES, THE COUNCIL MEMBERSHIP, COMMENTS ON THE 1976 STATE PLAN, A RESOLUTION ON THE COMPREHENSIVE EMPLOYMENT AND TRAINING ACT OF 1973, AND A POSITION STATEMENT ON CAREER EDUCATION. (RG)

VT 103 126

CURRICULUM RESEARCH AND DESIGN FOR A VOCATIONAL SPECIAL SERVICES EDUCATION STAFF DEVELOPMENT PROGRAM IN NEW HAMPSHIRE. ABSTRACT AND FINAL REPORT.

KEENE STATE COLL., N.H.  
NEW HAMPSHIRE STATE DEPT. OF

EDUCATION, CONCORD.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - AUG75 163P.

DESCRIPTORS - \*VOCATIONAL EDUCATION  
TEACHERS; \*CURRICULUM RESEARCH;  
\*CURRICULUM DESIGN; TEACHER  
EDUCATION; DISADVANTAGED YOUTH;  
COURSE CONTENT; HANDICAPPED  
STUDENTS; \*TEACHER EDUCATION  
CURRICULUM; \*EXCEPTIONAL STUDENTS;  
SECONDARY EDUCATION; SCHOOL  
SURVEYS; STATE SURVEYS  
IDENTIFIERS - \*NEW HAMPSHIRE

ABSTRACT - THE PURPOSE OF THE  
PROJECT WAS TO IDENTIFY THE  
COMPETENCIES REQUIRED BY THE  
VOCATIONAL EDUCATION  
TEACHER/ADMINISTRATOR TO ADEQUATELY  
PROVIDE OCCUPATIONAL PREPARATION TO  
NONSUCCESSFUL STUDENTS WITHIN THE  
MAINSTREAM OF A VOCATIONAL  
EDUCATION PROGRAM. ONCE IDENTIFIED,  
THESE COMPETENCIES COULD FORM THE  
BASIS FOR IMPROVING  
TEACHER/ADMINISTRATOR PREPARATION  
TO BETTER SERVE THE NEEDS OF THESE  
STUDENTS. THE SIX GROUPS OF  
STUDENTS UNDER CONSIDERATION WERE:  
THE EDUCABLE MENTALLY RETARDED,  
DEAF, PHYSICALLY HANDICAPPED,  
DISADVANTAGED, BLIND, AND  
EMOTIONALLY DISTURBED. RESEARCH  
METHODOLOGY INVOLVED A LITERATURE  
REVIEW AND A QUESTIONNAIRE SURVEY  
OF SPECIAL EDUCATION AND VOCATIONAL  
EDUCATION TEACHERS, ADMINISTRATORS,  
AND SUPPORT PERSONNEL IN NEW  
HAMPSHIRE. OF THE 172 SURVEY  
RESPONDENTS, 76 PERCENT INDICATED  
THAT THEY WERE NOT ADEQUATELY  
PREPARED TO TEACH THE NONSUCCESSFUL  
STUDENT. IN ADDITION, THERE WERE NO  
SPECIFIC PROGRAMS IN THE STATE TO  
DEVELOP THE DESIRED COMPETENCIES.  
UTILIZING THE RESEARCH FINDINGS, A  
COURSE OUTLINE WAS DEVELOPED TO  
PROVIDE AN OVERVIEW OF THE SPECIAL  
PROBLEMS ENCOUNTERED IN TEACHING  
THE NONSUCCESSFUL STUDENT.  
RECOMMENDATIONS ARE OFFERED FOR  
COURSE IMPLEMENTATION AND  
CURRICULUM EXPANSION. APPENDED ARE  
THE LITERATURE SOURCES CITED,  
SURVEY INSTRUMENT, CHECKLIST OF  
TEACHER COMPETENCIES, PARTICIPATING

SCHOOLS, AND BIBLIOGRAPHY. (RG)

VT 103 127

WILBER, GEORGE L.; AND OTHERS  
MINORITIES IN THE LABOR MARKET.  
VOLUME 1: SPANISH AMERICANS AND  
INDIANS IN THE LABOR MARKET.

KENTUCKY UNIV., LEXINGTON. SOCIAL  
WELFARE RESEARCH INST.  
MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C. OFFICE OF RESEARCH  
AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

21-21-74-08-1

NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.  
PUB DATE - 30JAN76 254P.;  
RELATED DOCUMENTS VT 103 127  
THROUGH VT 103 129 IN THIS ISSUE.

DESCRIPTORS - \*AMERICAN INDIANS;  
\*SPANISH AMERICANS; \*EMPLOYMENT  
EXPERIENCE; \*SOCIAL DISCRIMINATION;  
\*COMPARATIVE ANALYSIS; EMPLOYMENT  
LEVEL; WAGES; MINORITY GROUPS;  
EMPLOYMENT OPPORTUNITIES;  
OCCUPATIONAL MOBILITY;  
SOCIOECONOMIC STATUS; TABLES  
(DATA); SEX DISCRIMINATION

ABSTRACT - THE PURPOSE OF THIS  
REPORT IS TO DESCRIBE AND EVALUATE  
PARTICIPATION AND STATUS  
ACHIEVEMENTS OF SPANISH ORIGIN  
PERSONS AND AMERICAN INDIANS IN THE  
LABOR MARKET RELATIVE TO THE  
PARTICIPATION OF WHITES. AN  
ULTIMATE AIM IS TO IDENTIFY FACTORS  
CONTRIBUTING TO INTERGROUP  
DIFFERENCES AND TO DETERMINE  
WHETHER DIFFERENCES REFLECT  
DISCRIMINATION. INEQUALITIES AND  
DISCRIMINATION ARE EXAMINED IN  
TERMS OF LABOR FORCE PARTICIPATION,  
OCCUPATIONAL ACHIEVEMENT,  
OCCUPATIONAL MOBILITY, AND  
EARNINGS. DATA ARE PRESENTED IN  
NARRATIVE AND TABULAR FORM. FOUR  
MAJOR CONCLUSIONS RESULTED FROM THE  
ANALYSIS: (1) COLOR-ETHNIC-SEX  
INEQUALITIES IN EMPLOYMENT,  
OCCUPATIONAL ACHIEVEMENT, JOB  
MOBILITY, AND EARNINGS PERMEATE THE  
U.S. LABOR MARKET; (2) WHEN PERSONS

OF MEXICAN, PUERTO RICAN, AND CUBAN ORIGIN. AMERICAN INDIANS, AND BLACKS ARE COMPARED WITH WHITES OF COMPARABLE LEVELS OF EDUCATION AND TRAINING, THESE INEQUALITIES DIMINISH BUT DO NOT DISAPPEAR; (3) WHITE WOMEN AS WELL AS MINORITY WOMEN ARE SUBJECT TO DISCRIMINATION BASED ON SEX FAR MORE SEVERE THAN COLOR-ETHNIC DISCRIMINATION; AND (4) INEQUALITIES AMONG WOMEN IN THE JOB MARKET ARE COMPARATIVELY SMALL AND THE STATUS OF THESE MINORITY WOMEN IS NOT CONSISTENTLY LOWER THAN THAT OF WHITE WOMEN. APPENDIXES DESCRIBE THREE MEASURES USED AND THE PUBLIC USE SAMPLES AND PRESENT OCCUPATION SCORES AND FREQUENCIES AND IDEAS FOR FURTHER RESEARCH. (AUTHOR/NJ)

VT 103 128

WILBER, GEORGE L.; AND OTHERS  
MINORITIES IN THE LABOR MARKET.  
VOLUME II: ORIENTALS IN THE  
AMERICAN LABOR MARKET.

KENTUCKY UNIV., LEXINGTON. SOCIAL  
WELFARE RESEARCH INST.  
MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C. OFFICE OF RESEARCH  
AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

21-21-74-08-2

NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.

PUB DATE - 30JAN76 206P.;

RELATED DOCUMENTS VT 103 127  
THROUGH VT 103 129 IN THIS ISSUE.

DESCRIPTORS - \*ASIAN AMERICANS;  
\*MINORITY GROUPS; \*EMPLOYMENT  
EXPERIENCES; \*COMPARATIVE ANALYSIS;  
WAGES; OCCUPATIONAL MOBILITY;  
TABLES (DATA); SOCIAL  
DISCRIMINATION; \*EMPLOYMENT  
OPPORTUNITIES; EMPLOYMENT LEVEL;  
SOCIOECONOMIC STATUS

ABSTRACT - THE MAJOR TASK OF THIS  
REPORT IS TO DESCRIBE AND EVALUATE  
THE PARTICIPATION AND STATUS  
ACHIEVEMENTS OF ORIENTALS IN THE  
LABOR MARKET, WITH PARTICULAR  
ATTENTION TO FACTORS AFFECTING SUCH

PARTICIPATION AND WHETHER  
DIFFERENCES IN PARTICIPATION AS  
COMPARED TO THAT OF WHITES REFLECT  
DISCRIMINATION. INEQUALITIES AND  
DISCRIMINATION ARE EXAMINED IN  
TERMS OF LABOR FORCE PARTICIPATION,  
OCCUPATIONAL ACHIEVEMENT,  
OCCUPATIONAL MOBILITY, AND  
EARNINGS. A BRIEF RESUME OF  
ORIENTAL IMMIGRATION IS FOLLOWED BY  
DESCRIPTIONS OF SETTLEMENT PATTERNS  
AND SOCIOECONOMIC CHARACTERISTICS.  
DIFFERENCES IN PARTICIPATION  
BETWEEN WHITES AND ORIENTALS ARE  
EXAMINED AND THE RELATIONSHIP OF  
PARTICIPATION TO SOCIODEMOGRAPHIC  
DETERMINANTS ARE INVESTIGATED.  
LEVELS OF OCCUPATIONAL STATUS  
REACHED BY ORIENTAL WORKERS IN THE  
U.S. ARE DESCRIBED AND DOCUMENTED  
AND THE DYNAMICS OF THE  
OCCUPATIONAL STRUCTURE, CONDITIONS  
INFLUENCING MOBILITY, AND THE  
CONSEQUENCES OF THESE FOR  
ACHIEVEMENT ARE EXAMINED. EARNINGS  
FROM WAGES AND SALARIES IN 1969  
SERVE AS A MEASURE IN THE  
DIFFERENTIAL ANALYSIS OF INCOME. A  
FINAL CHAPTER PRESENTS A BRIEF  
PROFILE OF THE STATUS ACHIEVEMENTS  
OF ORIENTALS AND A DISCUSSION OF  
THE IMPLICATIONS OF CONTEMPORARY  
ORIENTAL ACHIEVEMENT. APPENDIXES  
INCLUDE DESCRIPTIONS OF THREE  
MEASURES USED, OCCUPATION SCORES  
AND FREQUENCIES, A DESCRIPTION OF  
THE SAMPLE, AND IDEAS FOR FURTHER  
RESEARCH. (AUTHOR/NJ)

VT 103 129

WILBER, GEORGE L.; HAGAN, ROBERT J.  
MINORITIES IN THE LABOR MARKET.  
VOLUME III: METROPOLITAN AND  
REGIONAL INEQUALITIES AMONG  
MINORITIES IN THE LABOR MARKET.

KENTUCKY UNIV., LEXINGTON. SOCIAL  
WELFARE RESEARCH INST.  
MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C. OFFICE OF RESEARCH  
AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

21-21-74-08-3

NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.

PUB DATE - 30JAN76 159P.;  
RELATED DOCUMENTS VT 103 127  
THROUGH VT 103 129 IN THIS ISSUE.

DESCRIPTORS - \*ETHNIC GROUPS;  
\*EMPLOYMENT PRACTICES; \*COMPARATIVE  
ANALYSIS; \*GEOGRAPHIC LOCATION;  
\*SOCIAL DISCRIMINATION; MINORITY  
GROUPS; METROPOLITAN AREAS;  
EMPLOYMENT LEVEL; WAGES; MOBILITY;  
TABLES (DATA); SOCIOECONOMIC STATUS

ABSTRACT - DATA ARE PRESENTED ON  
THE EMPLOYMENT INEQUALITIES AMONG  
COLOR-ETHNIC MINORITIES IN MAJOR  
REGIONS AND METROPOLITAN AREAS IN  
THE U.S. ACHIEVEMENTS OF MINORITIES  
ARE SUMMARIZED IN BRIEF PROFILES OF  
EACH OF EIGHT ETHNIC MINORITIES.  
EMPHASIS IS PLACED ON THEIR LABOR  
FORCE PARTICIPATION, EMPLOYMENT,  
OCCUPATIONAL ACHIEVEMENT, MOBILITY,  
WEEKS WORKED, AND EARNINGS. THE  
SUMMARY PROFILES ARE DESIGNED TO  
FACILITATE A GRASP OF ESSENTIAL  
PATTERNS OF SIMILARITIES AND  
DIFFERENCES WITHIN A MINORITY AMONG  
REGIONS AND METROPOLITAN AREAS.  
BRIEF SUMMARY TABLES CONCENTRATE ON  
THOSE REGIONS AND METROPOLITAN  
AREAS IN WHICH RELATIVELY LARGE  
NUMBERS OF EACH MINORITY ARE  
CONCENTRATED. MUCH GREATER DETAIL  
IS COMBINED IN THE TABLES WHICH  
FOLLOW. COMPARISONS OF ETHNIC  
MINORITIES INDICATE THAT (1) LEVELS  
OF EMPLOYMENT, OCCUPATIONAL  
ACHIEVEMENT, AND EARNINGS DIFFER BY  
LOCATION, BUT THAT THE OVERALL  
RANKINGS OF MINORITIES ARE NOT  
MODIFIED WITHIN AREAS, (2) LEVELS  
OF PARTICIPATION AND ACHIEVEMENT  
TEND TO BE HIGHEST IN AREAS WHERE A  
MINORITY IS MOST NUMEROUS, AND (3)  
ACHIEVEMENTS OF MINORITIES IN THE  
LABOR MARKET ARE MORE DEPENDENT ON  
THEIR MINORITY CHARACTERISTICS AND  
EDUCATIONAL ATTAINMENT THAN ON  
LOCATION. APPENDIX A PRESENTS  
STATISTICAL DESCRIPTIONS OF THE  
SAMPLE POPULATIONS, IDENTIFIES THE  
REGIONS AND METROPOLITAN AREAS, AND  
DEFINES THE MAJOR VARIABLES AND  
MEASURES IN THE REPORT. (AUTHOR/NJ)

VT 103 130

LEVY, GIRARD W.; AND OTHERS  
VOCATIONAL PREPARATION IN U.S.

CORRECTIONAL INSTITUTIONS: A 1974  
SURVEY. FINAL REPORT.

BATTELLE MEMORIAL INST., COLUMBUS,  
OHIO. CENTER FOR IMPROVED  
EDUCATION.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

DLMA 89-39-72-01-1

NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.

PUB DATE - 15DEC75 173P.

DESCRIPTORS - \*CORRECTIVE  
INSTITUTIONS; \*CORRECTIONAL  
EDUCATION; YOUTH; ADULTS; MALES;  
FEMALES; NATIONAL SURVEYS;  
\*VOCATIONAL REHABILITATION;  
\*PRISONERS; \*PROGRAM EVALUATION

ABSTRACT - THE SURVEY INVOLVED ALL  
CORRECTIONAL INSTITUTIONS FOR MALE  
OR FEMALE, ADULT OR JUVENILE  
OFFENDERS IN THE UNITED STATES.  
FORMAL VOCATIONAL TRAINING  
PROGRAMS, PRISON INDUSTRIES, AND  
MAINTENANCE AND SERVICE ASSIGNMENTS  
WERE EVALUATED FOR THEIR POTENTIAL  
VOCATIONAL PREPARATION. SPECIFIC  
INFORMATION WAS SOUGHT ON TRAINING  
GOALS, PROGRAMS, PRACTICES, NUMBERS  
PARTICIPATING, STAFF, AND  
SUPPORTIVE SERVICES. MAIL  
QUESTIONNAIRES WERE SENT TO ALL  
INSTITUTIONS AND SITE VISITS WERE  
MADE TO 77 INSTITUTIONS. DURING THE  
SITE VISITS, 306 INMATES ABOUT TO  
BE RELEASED OR PAROLED WERE  
INTERVIEWED. INFORMATION WAS  
OBTAINED FROM APPROXIMATELY 70  
PERCENT OF ALL INSTITUTIONS. THE  
MOST SIGNIFICANT FINDINGS ARE  
PRESENTED IN TERMS OF THE NEED FOR  
VOCATIONAL PREPARATION, THE  
POTENTIAL CURRENTLY AVAILABLE, AND  
THE WEAKNESSES DISCLOSED. THE MAIL  
SURVEY RESULTS AND SITE VISIT  
INTERVIEWS ESTABLISHED THAT  
VOCATIONAL PREPARATION IN  
CORRECTIONAL INSTITUTIONS IS  
GENERALLY INADEQUATE. APPENDED ARE  
THE WARDEN INTERVIEW FORM, THE  
INMATE SURVEY FORM, AND CONTACT  
FORM LETTERS. (AUTHOR/KJ)

## VT 103 131

COOK, JOYCE; WILLIAMS, JEANNE  
 PROCEEDINGS OF THE NATIONAL  
 COORDINATING CONFERENCE FOR  
 ADMINISTRATORS OF PART D AND FY  
 1973 PART C PROJECTS AND PROGRAM,  
 FUNDED UNDER P.L. 90-576 (DALLAS,  
 TEXAS, JANUARY 28-30, 1975).

BUREAU OF OCCUPATIONAL AND ADULT  
 EDUCATION (DHEW/OE), WASHINGTON,  
 D.C. DIV. OF RESEARCH AND  
 DEMONSTRATION.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - ND 201P.

DESCRIPTORS - \*CONFERENCE REPORTS;  
 \*CAREER EDUCATION; \*PROGRAM  
 COORDINATION; \*PROGRAM EVALUATION;  
 PROGRAM IMPROVEMENT; ADMINISTRATIVE  
 PERSONNEL; CONFERENCES;  
 \*EDUCATIONAL PLANNING

ABSTRACT - THE FIVE OBJECTIVES OF  
 THE CONFERENCES WERE: (1) TO  
 IDENTIFY AND PROMOTE EFFECTIVE  
 METHODS AND TECHNIQUES FOR MOVING  
 CAREER EDUCATION FROM A PROJECT  
 STATUS INTO AN ONGOING EDUCATIONAL  
 PROGRAM STATUS; (2) TO DETERMINE  
 AND DISCUSS MAJOR ISSUES IN THE  
 IMPLEMENTATION AND CONTINUATION OF  
 CAREER EDUCATION AT THE LOCAL,  
 STATE, REGIONAL, AND FEDERAL  
 LEVELS; (3) TO PROVIDE AN  
 OPPORTUNITY FOR THE SHARING OF  
 METHODS, TECHNIQUES, AND MATERIALS  
 BEING UTILIZED IN THE VARIOUS  
 PROJECTS; (4) TO PROMOTE THE  
 IMPROVEMENT OF CAREER EDUCATION  
 EVALUATION; AND (5) TO SHARE  
 INFORMATION ABOUT THE IMPLICATIONS  
 OF RECENT AND PENDING LEGISLATION  
 FOR CAREER EDUCATION AND VOCATIONAL  
 EDUCATION PROGRAMS. PARTICIPANTS  
 INCLUDED STATE LEVEL  
 ADMINISTRATORS, LOCAL PROJECT  
 PERSONNEL, EVALUATORS, TEACHER  
 EDUCATORS, AND REPRESENTATIVES FROM  
 THE U.S. OFFICE OF EDUCATION. A  
 SUMMARY OF THE CONFERENCE  
 PROCEEDINGS, THE DOCUMENT CONTAINS  
 FOUR SPEECHES FROM THE GENERAL  
 SESSIONS; REPORTS FROM SPECIAL  
 INTEREST GROUPS (LOCAL PROJECT  
 PERSONNEL, THIRD PARTY EVALUATORS;

STATE ADMINISTRATORS OF PART D  
 PROGRAMS, AND TEACHER EDUCATORS);  
 AND REPORTS FROM WORK GROUPS ON  
 SPECIFIC AREAS OF CONCERN. APPENDED  
 ARE THE CONFERENCE AGENDA AND LIST  
 OF PARTICIPANTS. (AUTHOR/RG)

## VT 103 132

KOBLE, DANIEL E., JR., ED.; AND  
 OTHERS  
 INDUSTRY-EDUCATION INNOVATIONS IN  
 PERSONNEL DEVELOPMENT. NATIONAL  
 VOCATIONAL EDUCATION PERSONNEL  
 DEVELOPMENT SEMINAR (OMAHA,  
 NEBRASKA, OCTOBER 28-31, 1975).  
 LEADERSHIP TRAINING SERIES NO. 46.

OHIO STATE UNIV., COLUMBUS. CENTER  
 FOR VOCATIONAL EDUCATION.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 CENTER FOR VOCATIONAL EDUCATION,  
 OHIO STATE UNIVERSITY, 1960 KENNY  
 ROAD, COLUMBUS, OHIO 43210. (ORDER  
 NO. LT-46, \$15.50.)  
 PUB DATE - DEC75 213P.

DESCRIPTORS - VOCATIONAL EDUCATION;  
 SEMINARS; CONFERENCE REPORTS;  
 \*INSERVICE PROGRAMS; \*SCHOOL  
 INDUSTRY RELATIONSHIP; \*STAFF  
 IMPROVEMENT; INDUSTRIAL PERSONNEL;  
 \*COOPERATIVE PROGRAMS

ABSTRACT - THE SEMINAR WAS NINTH IN  
 A SERIES OF NATIONAL ANNUAL  
 SEMINARS CONDUCTED FOR VOCATIONAL  
 EDUCATORS RESPONSIBLE FOR  
 COORDINATING AND CONDUCTING  
 PERSONNEL DEVELOPMENT PROGRAMS.  
 MAJOR OBJECTIVES WERE TO: (1)  
 INCREASE KNOWLEDGE OF PERSONNEL  
 DEVELOPMENT MODELS AND STRATEGIES  
 USED IN BUSINESS AND INDUSTRY AND  
 OF SELECTED INDUSTRY-EDUCATION  
 COOPERATIVE PROGRAMS FOR PERSONNEL  
 DEVELOPMENT, (2) IDENTIFY  
 FUNCTIONAL GUIDELINES FOR THE  
 OPERATION OF SELECTED INDUSTRY-  
 EDUCATION COOPERATIVE PROGRAMS OF  
 PERSONNEL DEVELOPMENT, (3) GENERATE  
 POTENTIAL METHODS FOR INCREASING  
 INVOLVEMENT OF BUSINESS AND  
 INDUSTRY IN PRESERVICE AND  
 INSERVICE PERSONNEL DEVELOPMENT  
 PROGRAMS, (4) INCREASE KNOWLEDGE OF  
 INNOVATIVE STRATEGIES FOR PLANNING  
 INSTRUCTION IN PERSONNEL

DEVELOPMENT PROGRAMS, AND (5) INCREASE INFORMATION ABOUT AVAILABLE RESEARCH AND DEVELOPMENT PRODUCTS FOR USE IN PERSONNEL DEVELOPMENT PROGRAMS. PRESENTATIONS CONTAINED IN THE DOCUMENT FOCUS ON THE FOLLOWING THEMES: INDUSTRY-EDUCATION AND PERSONNEL DEVELOPMENT; THE CONTEXT; PLANNING INSTRUCTION AND EVALUATING INSTRUCTIONAL SYSTEMS; INDUSTRY-EDUCATION-LABOR COOPERATION; AND THE DEVELOPMENT OF HUMAN RESOURCES. ALSO INCLUDED ARE SUMMARIES OF SEVEN SIMULTANEOUS PROGRAMS OF RESEARCH AND DEVELOPMENT EFFORTS IN PERSONNEL DEVELOPMENT AND BRIEF REPORTS OF SEVEN SPECIAL INTEREST GROUPS WHO MET TO IDENTIFY STRATEGIES AND TECHNIQUES FOR PROVIDING BETTER INDUSTRY-EDUCATION COOPERATION. APPENDED ARE THE SEMINAR PROGRAM AND LIST OF PARTICIPANTS. (AUTHOR/RG)

VT 103 133

THURLOW, LESTER C.  
GENERATING INEQUALITY: THE DISTRIBUTIONAL MECHANISMS OF THE ECONOMY.

MASSACHUSETTS INST. OF TECH.,  
CAMBRIDGE.  
MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C. U.S. TRAINING AND  
EMPLOYMENT SERVICE.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
DLMA 21-25-73-36  
NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.  
PUB DATE - JAN75 299P.; SOME  
TABULAR MATERIALS MAY NOT REPRODUCE  
WELL, BEST COPY AVAILABLE.

DESCRIPTORS - \*ECONOMIC RESEARCH;  
\*MODELS; \*PERSONNEL SELECTION;  
ECONOMICS; HUMAN CAPITAL; ON THE  
JOB TRAINING; INCOME; SEX  
DISCRIMINATION; MINORITY GROUPS;  
\*MANPOWER DEVELOPMENT

ABSTRACT - THE AUTHOR ADOPTS A "JOB  
COMPETITION" AS OPPOSED TO THE  
NEOCLASSICAL WAGE COMPETITION MODEL  
OF THE LABOR MARKET. IN THIS MODEL,

JOBSEEKERS' BACKGROUND  
CHARACTERISTICS ARE USED BY  
EMPLOYERS TO SELECT WORKERS AND TO  
PREDICT POTENTIAL SUCCESS ON THE  
JOB AND THE EXTENT OF TRAINING  
NEEDED. ON-THE-JOB TRAINING IS THE  
PRIMARY SOURCE OF COGNITIVE SKILL  
AND THEREFORE THE PRIMARY  
DETERMINANT OF PRODUCTIVITY. THE  
FINDINGS OFFER AN ALTERNATIVE  
THEORY OF RACE AND SEX  
DISCRIMINATION AND RAISE SERIOUS  
QUESTIONS AS TO THE VALUE OF  
MANPOWER TRAINING AND OTHER FORMS  
OF HUMAN CAPITAL INVESTMENT.  
CHAPTER HEADINGS INCLUDE: THE  
ECONOMIC GAME, THE OUTCOME OF THE  
ECONOMIC GAME, ECONOMIC EQUITY,  
DEVIANT OBSERVATIONS IN THE LABOR  
MARKET, JOB COMPETITION: THE LABOR  
QUEUE, JOB COMPETITION: THE JOB  
DISTRIBUTION, THE DISTRIBUTION OF  
PHYSICAL WEALTH, DISCRIMINATION AND  
THEORIES OF INCOME DETERMINATION,  
AND IMPLICATIONS. APPENDIXES  
INCLUDE: A DO-IT-YOURSELF GUIDE TO  
MARGINAL PRODUCTIVITY, PROBABILITY  
AND THE LABOR QUEUE, AND THE  
RICHEST OF THE RICH AND A CACHE OF  
MULTIMILLIONAIRES. (AUTHOR/KJ)

VT 103 134

ENGINEERING MANPOWER: A NATIONAL  
PROBLEM OR A NATIONAL RESOURCE?  
PROCEEDINGS OF THE ENGINEERING  
FOUNDATION CONFERENCE (HENNIKER,  
NEW HAMPSHIRE, JULY 13-18, 1975).

ENGINEERS JOINT COUNCIL, NEW YORK,  
N.Y. ENGINEERING MANPOWER  
COMMISSION.  
ENGINEERING FOUNDATION, NEW YORK,  
N.Y.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
ENGINEERING MANPOWER COMMISSION OF  
ENGINEERS JOINT COUNCIL, 345 EAST  
47TH STREET, NEW YORK, NEW YORK  
10017. (PUBLICATION NO. 235, \$10.00  
EA.)  
PUB DATE - OCT75 74P.

DESCRIPTORS - \*CONFERENCE REPORTS;  
\*ENGINEERS; \*NATIONAL SURVEYS;  
CONFERENCES; \*MANPOWER UTILIZATION;  
MANPOWER NEEDS; \*MANPOWER  
DEVELOPMENT

ABSTRACT - THE OBJECTIVES OF THE CONFERENCE WERE TO: (1) IDENTIFY ENGINEERING MANPOWER PROBLEMS THAT LEND THEMSELVES TO A NATIONAL APPROACH, (2) IDENTIFY THE EFFECTS ON THE NATIONAL ECONOMY OF ENGINEERING MANPOWER SUPPLY/DEMAND IMBALANCES, (3) IDENTIFY GOVERNMENT POLICY EFFECTS ON ENGINEERING MANPOWER, (4) ACHIEVE GREATER UNDERSTANDING AND EXCHANGE OF INFORMATION AMONG CONFERENCE PARTICIPANTS, (5) IDENTIFY THE NEED FOR A NATIONAL EDUCATION POLICY, AND (6) DEVELOP RECOMMENDATIONS TO RESOLVE THE NATION'S ENGINEERING MANPOWER PROBLEMS. CONTENTS OF THE PROCEEDINGS ARE ORGANIZED INTO THREE PARTS. PART I IS A CONFERENCE OVERVIEW AND RECOMMENDATIONS TO GOVERNMENT, EMPLOYERS, EDUCATORS, AND THE ENGINEERING PROFESSION. PART II GIVES SUMMARIES OF PRESENTATIONS, SUMMARY REMARKS, AND BIOGRAPHICAL SKETCHES OF SPEAKERS. THE TEXTS OF SEVEN PAPERS PRESENTED ARE CONTAINED IN PART III. APPENDED ARE THE CONFERENCE PROGRAM AND LIST OF PARTICIPANTS. (AUTHOR/RG)

**VT 103 135**

ALABAMA ADVISORY COUNCIL ON VOCATIONAL EDUCATION. EVALUATION REPORT. EVALUATION SERIES REPORT NO. 1.

ALABAMA ADVISORY COUNCIL ON VOCATIONAL EDUCATION, AUBURN. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - JAN76 168P.; SOME TABULAR MATERIALS MAY NOT REPRODUCE WELL, BEST COPY AVAILABLE.

DESCRIPTORS - ADVISORY COMMITTEES; TABLES (DATA); \*STATE SURVEYS; \*VOCATIONAL EDUCATION; ENROLLMENT; EXPENDITURES; STATISTICAL DATA; EMPLOYMENT STATISTICS; \*DATA COLLECTION; \*DATA ANALYSIS; \*DELIVERY SYSTEMS  
IDENTIFIERS - \*ALABAMA

ABSTRACT - THE REPORT IS THE FIRST IN A SERIES OF ANNUAL EVALUATION REPORTS ON ALABAMA'S VOCATIONAL EDUCATION PROGRAM AS A STATE UNIT. A FIVE-YEAR OVERVIEW IS PRESENTED,

EMPHASIZING THE DELIVERY SYSTEM FOR VOCATIONAL EDUCATION IN THE STATE. TABLES AND FIGURES IN THE REPORT ARE ARRANGED IN ACCORDANCE WITH A PLANNING AND EVALUATION SYSTEM FOR VOCATIONAL EDUCATION. MAJOR COMPONENTS OF THIS SYSTEM ARE MANPOWER SUPPLY AND DEMAND, DEMOGRAPHIC DATA, AVAILABILITY OF RESOURCES, VOCATIONAL ENROLLMENT, EXPENDITURES, FUNDING, FACILITY CONSTRUCTION, VOCATIONAL PLACEMENT, AND PROGRAM OUTCOMES. ALSO INCLUDED ARE AN OBJECTIVE PERFORMANCE ANALYSIS FOR SEVEN VOCATIONAL EDUCATION PROGRAMS AT FOUR INSTRUCTIONAL LEVELS, A SUMMARY OF FINDINGS IN NARRATIVE FORM, A STATUS REPORT ON THE WORK PROGRAM OF THE ADVISORY COUNCIL IN ACCOMPLISHING ITS OBJECTIVES, AND A SUBJECT INDEX. (AUTHOR/RG)

**VT 103 136**

MANPOWER DEMAND BY CENSUS: OCCUPATIONAL CLASSIFICATION FOR ALABAMA. INFORMATION SERIES REPORT NO. 1.

ALABAMA ADVISORY COUNCIL ON VOCATIONAL EDUCATION, AUBURN. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - FEB76 138P.

DESCRIPTORS - \*EMPLOYMENT PROJECTIONS; \*EMPLOYMENT OPPORTUNITIES; \*MANPOWER NEEDS; \*TABLES (DATA); \*EMPLOYMENT TRENDS; OCCUPATIONAL SURVEYS; EMPLOYMENT STATISTICS; STATE SURVEYS  
IDENTIFIERS - \*ALABAMA

ABSTRACT - FIRST IN A SERIES OF INFORMATION PUBLICATIONS, THE REPORT PRESENTS ANNUAL MANPOWER DEMAND PROJECTIONS FOR SELECTED GEOGRAPHIC AREAS IN ALABAMA THROUGH 1980. TWO TYPES OF TABLES ARE INCLUDED: (1) THE PROJECTED EMPLOYMENT FOR 16 OCCUPATIONAL CATEGORIES FOR THE CURRENT YEAR, FOR THE FOLLOWING YEAR, FOR FIVE YEARS FROM NOW, AND A FIVE-YEAR ANNUAL AVERAGE DEMAND; AND (2) THE ESTIMATED EMPLOYMENT FOR 1976 AND PROJECTED ANNUAL AVERAGE NUMBER OF JOB OPENINGS FROM 1970-1980 FOR

SELECTED OCCUPATIONS. DATA IS PRESENTED FOR THE STATE OF ALABAMA, FOR EACH COUNTY OR GROUP OF COUNTIES, FOR THE 18 VOCATIONAL PLANNING AREAS, AND THE NINE MANPOWER PLANNING DISTRICTS. THE TABLES WERE DERIVED FROM PUBLICATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS IN MONTGOMERY. APPENDED IS A LIST OF THE DATA SOURCES. (AUTHOR/RG)

VT 103 137

ANNUAL RURAL MANPOWER REPORT 1975.

MAINE STATE DEPT. OF MANPOWER AFFAIRS, AUGUSTA. EMPLOYMENT SECURITY COMMISSION. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 75 49P.

DESCRIPTORS - ANNUAL REPORTS; \*RURAL AREAS; \*RURAL ECONOMICS; \*EMPLOYMENT TRENDS; ECONOMIC STATUS; COMMUNITY SERVICES; STATISTICAL DATA; \*MANPOWER DEVELOPMENT; \*ECONOMIC DEVELOPMENT IDENTIFIERS - \*MAINE

ABSTRACT - THE ANNUAL RURAL MANPOWER REPORT IS A SUMMARY OF EVENTS AND PROGRAMS AFFECTING RURAL COMMUNITIES DURING 1975. INTENDED AS A GENERAL OVERVIEW OF ACTIVITIES IN RURAL MAINE, IT IS NOT AN INDEPTH STUDY OF ALL MANPOWER PROGRAMS SERVING THE STATE. PART I PROVIDES THE ANNUAL SUMMARY AND DISCUSSES PLANNING, ECONOMIC DEVELOPMENT, EMPLOYMENT AND UNEMPLOYMENT TRENDS, SERVICES TO RURAL PEOPLE, RURAL MANPOWER SERVICE PARTICIPATION IN COMMUNITY DEVELOPMENT ACTIVITIES, AND PUBLIC RELATIONS ACTIVITIES. PART II PRESENTS STATISTICAL DATA FOR THE STATUS OF INDUSTRIES, POPULATION AND MIGRATION, EMPLOYMENT, PRODUCTION, AND SERVICES TO RURAL GROUPS. (AUTHOR/KJ)

VT 103 138

SHOOK, MOLLIE W., ED.; KING, SUE J., ED. OCCUPATIONAL EDUCATION, VOCATIONAL EDUCATION, CAREER EDUCATION. THE ISSUES AND ALTERNATIVES FOR CHIEF

STATE SCHOOL OFFICERS: DIALOGUES WITH CHIEF STATE SCHOOL OFFICERS. CAREER AND VOCATIONAL EDUCATION PROFESSIONAL DEVELOPMENT SERIES NO. 12.

NORTH CAROLINA STATE UNIV., RALEIGH. CENTER FOR OCCUPATIONAL EDUCATION.

NORTH CAROLINA STATE DEPT. OF PUBLIC INSTRUCTION, RALEIGH.; OFFICE OF CAREER EDUCATION (DHEW/OE), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. DEG-C-72-4676(725)

CENTER FOR OCCUPATIONAL EDUCATION, NORTH CAROLINA STATE UNIVERSITY AT RALEIGH, P.O. BOX 5096, RALEIGH, NORTH CAROLINA 27607.

PUB DATE - ND 79P.; REPORT OF A NATIONAL INVITATIONAL CONFERENCE FOR CHIEF STATE SCHOOL OFFICERS (PINEHURST, NORTH CAROLINA, APRIL 1974).

DESCRIPTORS - SPEECHES; CHIEF ADMINISTRATORS; \*ADMINISTRATOR ROLE; \*EDUCATIONAL IMPROVEMENT; EDUCATIONAL DEVELOPMENT; \*VOCATIONAL EDUCATION; \*EDUCATIONAL ALTERNATIVES; \*EDUCATIONAL ADMINISTRATION

ABSTRACT - THE PRESENTATIONS INCLUDED IN THIS DOCUMENT WERE GIVEN BEFORE A NATIONAL INVITATIONAL CONFERENCE OF CHIEF STATE SCHOOL OFFICERS AT PINEHURST, NORTH CAROLINA, IN APRIL 1974 AND WERE TAKEN DIRECTLY FROM TAPES OF THE CONFERENCE. THE PRESENTATIONS AND THEIR AUTHORS INCLUDE: (1) "INTRODUCTION: THE QUEST OF UNITY AND UNDERSTANDING" JOHN K. CASTER; (2) "THE PROBLEM" SIDNEY P. MARLAND; (3) "GOVERNANCE, LEGISLATION, AND BUDGET" ALBERT QUIF; (4) "NATIONAL EXPECTATIONS" EUGENE B. SYDNOR, JR.; (5) "ALTERNATIVES FOR ACTION" WILLARD WIRTZ; (6) "LEADERSHIP FOR EDUCATION" TERRY SANFORD; (7) "IMPLEMENTATION STEPS--WHERE DO THE CHIEFS GO FROM HERE?" JOHN R. OTTINA; AND (8) "THE HIDDEN AGENDA: A SUMMARY" JOHN K. CASTER. APPENDIXES INCLUDE A STATEMENT BY

THE FORMER VICE-PRESIDENT OF THE UNITED AUTO WORKERS OF AMERICA, THE LATE NELSON JACK EDWARDS, AND LISTS OF THE CONFERENCE PLANNING COMMITTEE, CHIEF STATE SCHOOL OFFICERS, PROGRAM PARTICIPANTS, AND OBSERVERS. (AUTHOR/KJ)

VT 103 139

MITCHELL, ANITA M., ED.; AND OTHERS  
A SOCIAL LEARNING THEORY OF CAREER  
DECISION MAKING. FINAL REPORT.

AMERICAN INSTITUTES FOR RESEARCH IN  
THE BEHAVIORAL SCIENCES, PALO ALTO,  
CALIF.

NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

NIE-C-74-0134

AIR-47600-6/30-FR

PUB DATE - ND 360P.

DESCRIPTORS - \*THEORIES;  
\*OCCUPATIONAL CHOICE; \*CAREER  
CHOICE; \*ANNOTATED BIBLIOGRAPHIES;  
\*DECISION MAKING; RESEARCH  
PROJECTS; INTERDISCIPLINARY  
APPROACH

ABSTRACT - THE PROJECT WAS DESIGNED  
TO INCREASE UNDERSTANDING OF THE  
PROCESS OF CAREER DECISIONMAKING  
(CDM), TO IMPROVE PREDICTION OF  
DECISIONS AND THEIR CONSEQUENCES,  
AND TO SUGGEST WAYS THAT  
INTERVENTIONS IN THE PROCESS CAN  
MAKE A DIFFERENCE. THE REPORT IS A  
SYNTHESIS OF PROJECT ACTIVITIES,  
CONDUCTED OVER A ONE-YEAR TIME  
PERIOD, WHICH INCLUDED THE  
SELECTION AND ASSISTANCE OF A  
NATIONAL ADVISORY PANEL FROM THE  
VARIOUS SOCIAL SCIENCES, THE  
SPONSORING OF REGIONAL WORKSHOPS  
AND A CONFERENCE, AND THE  
DEVELOPMENT OF A COMPREHENSIVE  
ANNOTATED BIBLIOGRAPHY. WRITTEN BY  
DIFFERENT AUTHORS, THE SIX CHAPTERS  
COVER THE FOLLOWING TOPICS: (1)  
CDM: THEORY CONSTRUCTION AND  
EVALUATION, (2) A SOCIAL LEARNING  
THEORY OF CDM, (3) ANALYSIS AND  
SYNTHESIS OF CDM LITERATURE AS  
RELATED TO THIS THEORY, (4)  
ILLUSTRATIONS OF PROGRAM  
INTERVENTIONS, (5) RESEARCH AND

DEVELOPMENT PRIORITIES, AND (6)  
DATA RESOURCES FOR RESEARCH. THE  
APPENDED BIBLIOGRAPHY IS PRESENTED  
IN TWO FORMATS. A 27-PAGE LISTING  
OF ENTRIES IS ARRANGED  
ALPHABETICALLY BY TYPE: BOOKS;  
JOURNAL ARTICLES, MONOGRAPHS, AND  
REPORTS; AND UNPUBLISHED MATERIAL.  
ARRANGED IN THE SAME ORDER, THE  
DETAILED ANNOTATIONS COMPRISE 218  
PAGES. ANNOTATIONS OF RESEARCH  
PROJECTS INCLUDE RESPONDENT  
CHARACTERISTICS, OBJECTIVES,  
METHODOLOGY, RESULTS, AND  
CONCLUSIONS. ALSO APPENDED ARE  
LISTS OF CAREER RESEARCHERS, CAREER  
RESEARCH PROGRAMS, AND DATA  
ARCHIVES AND THE METHODOLOGY FOR  
PROCESSING THE PROJECT DATA  
OBTAINED. (RG)

VT 103 140

PENDLETON, J. ROBERT  
IMPLEMENTATION OF A PROGRAM AND  
DELIVERY SYSTEM FOR COMPREHENSIVE  
CAREER EDUCATION IN A RURAL AREA.  
QUARTERLY REPORT (JANUARY 1, 1976-  
MARCH 31, 1976).

WESTERN WISCONSIN TECHNICAL INST.,  
LA CROSSE.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-5297

PUB DATE - 31MAR76 148P.

DESCRIPTORS - \*RURAL AREAS; \*CAREER  
EDUCATION; \*DELIVERY SYSTEMS; ADULT  
EDUCATION; \*OUTREACH PROGRAMS;  
SECONDARY EDUCATION; \*COMPREHENSIVE  
PROGRAMS; RESOURCE CENTERS; PROGRAM  
EVALUATION; DEVELOPMENTAL PROGRAMS;  
SCHOOL SURVEYS  
IDENTIFIERS - WISCONSIN

ABSTRACT - THE PURPOSE OF THE  
PROJECT IS TO PROVIDE A PROGRAM OF  
COMPREHENSIVE CAREER EDUCATION  
READILY ACCESSIBLE TO ALL RESIDENTS  
IN THE DISTRICT, PRIMARILY THROUGH  
THE ESTABLISHMENT OF FIVE AREA  
CAREER RESOURCE CENTERS. THE  
DOCUMENT CONTAINS THE REPORT OF THE  
PROJECT DIRECTOR SUMMARIZING THE  
ACCOMPLISHMENTS AND MAJOR  
ACTIVITIES. A THIRD PARTY

EVALUATION REPORT, AND COLOR-CODED REPORTS OF EACH OF THE RESOURCE AREA COORDINATING CHAIRMEN IDENTIFYING THE SCHOOL AND COMMUNITY ACTIVITIES IN THEIR RESPECTIVE AREAS. APPENDIXES CONTAIN PUBLICITY RELEASES AND MATERIALS SUCH AS MEETING AGENDAS, A HIGH SCHOOL PLACEMENT SURVEY, AND AN OUTLINE (27-PAGES) OF THE HIGH SCHOOL CAREER CORPS PROGRAM. THIS PROGRAM IS DESIGNED TO TRAIN STUDENTS TO ASSIST FELLOW STUDENTS IN CAREER AND LIFE PLANNING. THE THIRD PARTY EVALUATION REPORT BY THE CENTER FOR VOCATIONAL, TECHNICAL, AND ADULT EDUCATION AT THE UNIVERSITY OF WISCONSIN-STOUT, FOCUSES ON THE ANNUAL ADULT EDUCATION SURVEY. SURVEY RESULTS ARE PRESENTED, AND COMPARISONS ARE MADE WITH RESULTS OF PREVIOUS YEARS. THE ADULT EVENING COURSES CONTINUE TO ENROLL A CROSS-SECTION OF THE DISTRICT RESIDENTS, AND THE EVALUATORS CONCLUDE THAT THE PROJECT IS SUCCESSFUL IN MEETING THE GOALS RELATED TO THE ADULT EVENING PROGRAM. THE SURVEY QUESTIONNAIRE AND SUMMARY OF RESPONSES ARE INCLUDED. (RG)

VT 103 141

CRAIG, DAVID G.

A NATIONAL STUDY OF THE SUPPLY AND DEMAND FOR TEACHERS OF VOCATIONAL AGRICULTURE IN 1975. RESEARCH SERIES.

TENNESSEE UNIV., KNOXVILLE. DEPT. OF VOCATIONAL-TECHNICAL EDUCATION. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - MAR76 31P.

DESCRIPTORS - \*VOCATIONAL AGRICULTURE TEACHERS; \*TEACHER SUPPLY AND DEMAND; \*NATIONAL SURVEYS; TABLES (DATA); OCCUPATIONAL SURVEYS; \*TEACHER EMPLOYMENT; TEACHER RECRUITMENT

ABSTRACT - THE ELEVENTH ANNUAL SURVEY DESCRIBES THE NATURE AND DEGREE OF THE SHORTAGE OF VOCATIONAL AGRICULTURE TEACHERS IN 1975 AND IDENTIFIES CHANGES AND TRENDS SINCE 1965. THE PURPOSE OF

THE SURVEY IS TO PROVIDE DATA TO BE USED IN STATEWIDE AND NATIONWIDE RECRUITMENT EFFORTS TO SECURE PROSPECTIVE VOCATIONAL AGRICULTURE TEACHERS. INFORMATION WAS OBTAINED FROM QUESTIONNAIRES MAILED TO TEACHER EDUCATORS AND STATE SUPERVISORS, AND THE RESULTS ARE PRESENTED IN TABULAR FORM. MAJOR FINDINGS ARE SUMMARIZED, AND RECOMMENDATIONS ARE OFFERED RELATING TO RECRUITMENT, TEACHER CERTIFICATION, AND EMPLOYMENT. APPENDED ARE THE SURVEY QUESTIONNAIRES. (AUTHOR/RG)

VT 103 142

CRONIN, F. PATRICK; AND OTHERS IMPROVEMENT OF OCCUPATIONAL EDUCATION IN THE FEDERAL BUREAU OF PRISONS: AN ASSESSMENT OF THE COMPARATIVE EFFECTIVENESS OF OCCUPATIONAL EDUCATION DELIVERY SYSTEMS IN SIX INSTITUTIONS OF THE FEDERAL BUREAU OF PRISONS. PHASE I.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL EDUCATION. DEPARTMENT OF JUSTICE, WASHINGTON, D.C. FEDERAL PRISON INDUSTRIES, INC.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - MAR76 201P.

DESCRIPTORS - \*DELIVERY SYSTEMS; \*CORRECTIONAL REHABILITATION; \*CORRECTIVE INSTITUTIONS; \*COMPARATIVE ANALYSIS; CORRECTIONAL EDUCATION; COMMUNITY RESOURCES; \*VOCATIONAL REHABILITATION; COST EFFECTIVENESS; TEACHER QUALIFICATIONS; STUDENT REACTION; PROGRAM EFFECTIVENESS

ABSTRACT - AT THE REQUEST OF THE FEDERAL BUREAU OF PRISONS (FBP), THE CENTER FOR VOCATIONAL EDUCATION ASSESSED THE COMPARATIVE EFFECTIVENESS OF A VARIETY OF APPROACHES FOR DELIVERING OCCUPATIONAL EDUCATION. THIS DOCUMENT IS A REPORT OF THE RESEARCH ACTIVITIES, FINDINGS, AND RECOMMENDATIONS OF THAT EFFORT. STRUCTURED PERSONNEL INTERVIEWS FOCUSING ON COST EFFECTIVENESS, STUDENT SATISFACTION, TEACHER

PERFORMANCE, SCOPE AND VARIETY OF PROGRAMMING, AND PROGRAM FLEXIBILITY WERE CONDUCTED WITH INSTITUTIONAL ADMINISTRATION AND OCCUPATIONAL EDUCATION STAFF AND STUDENTS AT SIX INSTITUTIONS. MAJOR FINDINGS INDICATE THAT: (1) PROGRAMS WERE NOT NECESSARILY MORE COST EFFECTIVE THAN CIVIL SERVICE PROGRAMS; (2) PROGRAMS ESTABLISHED UNDER CONTRACTUAL AGREEMENT WERE MORE ADAPTIVE TO CHANGES IN THE LABOR MARKET AND STUDENT INTEREST THAN CIVIL SERVICE PROGRAMS; (3) STUDENT SATISFACTION DID NOT APPEAR TO BE DEPENDENT UPON TYPE OF DELIVERY SYSTEM; (4) INSTRUCTIONAL PREPARATION WAS SATISFACTORY ACROSS ALL DELIVERY SYSTEMS; AND (5) CURRENT FBP PROGRAMMING IS LIMITED IN SCOPE AND VARIETY.

RECOMMENDATIONS INCLUDE FBP UTILIZATION OF COMMUNITY-BASED RESOURCE SYSTEMS, THAT CIVIL SERVICE ON-THE-JOB TRAINING BE REPLACED WITH COOPERATIVE EDUCATION PROGRAMS, AND THAT STUDY RELEASE TIME BE PURSUED AT EVERY OPPORTUNITY. APPENDIXES (80 PAGES) INCLUDE THE RESEARCH APPROACH, STAFF DEVELOPMENT NEEDS, AND SURVEY INSTRUMENTS. (AUTHOR/KJ)

#### VT 103 143

MODEL MACHINE SHOP FOR DRAFTING INSTRUCTION.

WHITE MOUNTAINS REGIONAL HIGH SCHOOL, N.H.

NEW HAMPSHIRE RESEARCH COORDINATING UNIT FOR VOCATIONAL-TECHNICAL EDUCATION, CONCORD.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - AUG74 45P.;

ILLUSTRATIVE MATERIALS MAY NOT REPRODUCE WELL.

DESCRIPTORS - \*DRAFTING; \*SCHOOL SHOPS; \*TRADE AND INDUSTRIAL EDUCATION; INDIVIDUALIZED INSTRUCTION; SECONDARY EDUCATION; \*PROGRAM DESCRIPTIONS; \*INTERDISCIPLINARY APPROACH; INSTRUCTIONAL INNOVATION; INTEGRATED CURRICULUM

ABSTRACT - THE DEVELOPMENT AND

IMPLEMENTATION OF A TWO-YEAR INTERDISCIPLINARY COURSE INTEGRATING A MACHINE SHOP AND DRAFTING CURRICULUM ARE DESCRIBED IN THE REPORT. THE PURPOSE OF THE COURSE IS TO PROVIDE A LEARNING PROCESS IN INDUSTRIAL DRAFTING FEATURING IDENTIFIABLE ORIENTATION IN SKILLS THAT WILL ENABLE THE STUDENT TO DEVELOP COMPETENCIES THAT ARE DIRECTLY RELATED TO THE WORLD OF TRADE AND INDUSTRIAL WORK. THE INSTRUCTIONAL APPROACH UTILIZES BEHAVIORAL OBJECTIVES, INDIVIDUALIZED INSTRUCTION, AND INTERDEPARTMENTAL ACTIVITIES WHERE THERE IS AN EXCHANGE OF VOCATIONAL AND ACADEMIC STUDENTS WORKING TOGETHER ON PROJECTS. REVIEW OF THE PROGRAM AND RESULTS OF FOLLOWUP STUDIES OF GRADUATES DEMONSTRATE THE BENEFITS OF PROVIDING RELATED MACHINE WORK FOR THE DRAFTING STUDENT. RECOMMENDATIONS ARE OFFERED FOR THE ESTABLISHMENT OF SIMILAR PROGRAMS. THE REPORT INCLUDES BRIEF CASE HISTORIES OF SAMPLE BEHAVIORAL CHANGES IN SIX STUDENTS DURING THE COURSE. APPENDED ARE THE BEHAVIORAL OBJECTIVES FOR THE FOLLOWING COURSE UNITS: HISTORY OF DRAFTING, CARE AND USE OF EQUIPMENT, ORTHOGRAPHICS, GEOMETRIC CONSTRUCTION, SECTIONALS, AND AUXILIARIES AND REVOLUTIONS. ALSO INCLUDED ARE A LIST OF RELATED OCCUPATIONS, TWO PLANS FOR EQUIPMENT PURCHASE, AND A STUDENT PERFORMANCE RATING SHEET. (RG)

#### VT 103 144

PARKER, SCOTT L.; AND OTHERS IMPROVING OCCUPATIONAL PROGRAMS FOR THE HANDICAPPED.

MANAGEMENT ANALYSIS CENTER, INC., WASHINGTON, D.C.

BUREAU OF EDUCATION FOR THE HANDICAPPED (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEC-0-72-5226

PUB DATE - ND 236P.

DESCRIPTORS - \*HANDICAPPED STUDENTS; \*VOCATIONAL EDUCATION;

\*PROGRAM DEVELOPMENT; \*PROGRAM DESCRIPTIONS; PROGRAM PLANNING; CASE STUDIES (EDUCATION); PROGRAM IMPROVEMENT

ABSTRACT - THIS MANUAL IS DESIGNED TO STIMULATE DIALOGUE, CHANGE, AND IMPROVEMENT IN OCCUPATIONAL EDUCATION FOR THE HANDICAPPED. IT IS ADDRESSED PRIMARILY TO PROGRAM ADMINISTRATORS AND PROFESSIONALS ENGAGED IN DEVELOPING OCCUPATIONAL EDUCATION PROGRAMS FOR HANDICAPPED STUDENTS. THE METHODS AND PROGRAMS DISCUSSED WERE DRAWN FROM ACTUAL PRACTICE AROUND THE COUNTRY AND ARE CONSIDERED ADAPTABLE ALMOST ANYWHERE. CHAPTERS ARE ENTITLED: LAYING THE GROUNDWORK, DESIGNING THE PROGRAM, SETTING UP A PROGRAM, FOCUS ON THE STUDENT, MEETING STUDENT NEEDS, PREPARATION FOR SPECIFIC SKILL TRAINING, VOCATIONAL TRAINING, RELATED OR ACADEMIC INSTRUCTION, SUPPORTIVE AND SOCIAL SERVICES, TRANSITION TO THE WORK WORLD, JOB PLACEMENT AND FOLLOWUP, AND COOPERATION ON A BROAD FRONT. THE MAJOR PORTION OF THE MANUAL IS COMPRISED OF APPENDIXES (137 PAGES). A CHECKLIST IS PROVIDED TO GUIDE IN EVALUATION OF EXISTING PROGRAMS. ABSTRACTS OF APPROXIMATELY 30 PROGRAMS APPEAR AND PROVIDE INFORMATION ABOUT THE LOCATION, AGENCY, ADDRESS, AND PHONE NUMBER OF CONTACT PERSONS AND A BRIEF DESCRIPTION OF THE PROGRAM. ALSO INCLUDED ARE INDEPTH CASE STUDIES OF THREE DIFFERENT TYPES OF PROGRAMS. A FINAL SECTION PRESENTS THE METHODOLOGY USED IN DEVELOPMENT OF THE MANUAL. (AUTHOR/NJ)

VT 103 145

WEINBERG, EDGAR  
RECENT INITIATIVES IN LABOR-  
MANAGEMENT COOPERATION.

NATIONAL CENTER FOR PRODUCTIVITY  
AND QUALITY OF WORKING LIFE,  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - FEB76 95P.

DESCRIPTORS - \*MANAGEMENT; \*LABOR;  
\*COMMITTEES; COMMUNITY COOPERATION;

\*GUIDELINES; \*EMPLOYER EMPLOYEE  
RELATIONSHIP; INDUSTRIAL RELATIONS;  
COLLECTIVE NEGOTIATION

ABSTRACT - THE REPORT DRAWS ON A SERIES OF CONFERENCES HELD TO DEVELOP BLUEPRINTS FOR LABOR-MANAGEMENT COOPERATION AT THE PLANT LEVEL. THESE INCLUDED SIX RECENT INITIATIVES CONFERENCES HELD IN COOPERATION WITH STATE UNIVERSITY INSTITUTES OF INDUSTRIAL RELATIONS AND THE FEDERAL MEDIATION AND CONCILIATION SERVICE (FMCS) AND A SEVENTH SPONSORED BY THE COMMISSION AND FMCS. BRIEF DESCRIPTIONS ARE PRESENTED OF THE CIRCUMSTANCES UNDER WHICH THE COMMITTEES WERE ESTABLISHED AND THE MANNER IN WHICH THEY ARE ORGANIZED, ALONG WITH DISCUSSIONS AND DIALOGUE FROM VARIOUS CONFERENCES. THE REPORT IS DESIGNED TO PROVIDE GUIDELINES AND BACKGROUND FOR PROBLEMSOLVING. INCLUDED ARE REPORTS OF: (1) LABOR-MANAGEMENT COMMITTEES IN THE STEEL INDUSTRY, (2) A TOTAL COMMUNITY EFFORT IN JAMESTOWN, NEW YORK, (3) FMCS ASSISTED PROGRAMS IN THREE COMPANIES, (4) LABOR-MANAGEMENT COOPERATION IN THE TENNESSEE VALLEY AUTHORITY, (5) A QUALITY OF WORK DEMONSTRATION PROJECT AT EATON CORPORATION PLANT, (6) OPERATION OF SCANLAN PLANS, AND (7) AN EXPERIMENT WITH MINERS REGULATING THEIR OWN WORK ACTIVITIES AT THE RUSHTON COAL MINE IN PENNSYLVANIA. ALSO INCLUDED ARE FIVE LESSONS FROM COOPERATORS, RESPONSES FROM CONFERENCE ATTENDEES, PRINCIPALS OF THE CONFERENCES, AND A LIST OF SELECTED PUBLICATIONS. (AUTHOR/KJ)

VT 103 146

MYERS, EVERETT, E., JR.  
CAREER EDUCATION IN RURAL ARIZONA.  
FINAL REPORT.

ARIZONA STATE DEPT. OF VOCATIONAL  
EDUCATION, PHOENIX.; BUREAU OF  
OCCUPATIONAL AND ADULT EDUCATION  
(DHEW/OE), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-73-2914  
PUB DATE - 31AUG75 111P.

DESCRIPTORS - \*CAREER EDUCATION;  
 \*RURAL AREAS; ELEMENTARY SECONDARY  
 EDUCATION; \*PROGRAM DESCRIPTIONS;  
 \*PILOT PROJECTS; \*PROGRAM  
 EVALUATION  
 IDENTIFIERS - ARIZONA

ABSTRACT - THE ONE-YEAR CAREER  
 EDUCATION PROJECT WAS DESIGNED TO  
 PROVIDE A BROAD CAREER ORIENTATION  
 AND REALISTIC EXPLORATORY  
 EXPERIENCE FOR STUDENTS IN A RURAL  
 FARMING AREA COVERING 1,500 TO  
 2,000 SQUARE MILES. CAREER  
 EDUCATION INSTRUCTIONAL UNITS  
 AVAILABLE THROUGH EDUCATIONAL  
 INFORMATION CENTERS WERE MODIFIED  
 AND ADAPTED TO A RURAL SETTING.  
 SPECIFIC OBJECTIVES WERE TO: (1)  
 DEVELOP A WORKABLE MODEL AND TEST  
 MANUAL, (2) DEVELOP PILOT TEST  
 PROCEDURES AND INSTRUMENTS, (3)  
 DEVELOP A RURAL CAREER EDUCATION  
 MATRIX, (4) SELECT INSTRUCTIONAL  
 UNITS FOR PILOT TESTING, (5)  
 IMPLEMENT PILOT TESTING, AND (6)  
 EVALUATE THE PILOT TESTING AND  
 REPORT RESULTS, CONCLUSIONS, AND  
 RECOMMENDATIONS. APPROXIMATELY 400  
 HOURS OF INSTRUCTION WERE DELIVERED  
 UNDER CONTROLLED CONDITIONS TO FIVE  
 ELEMENTARY SCHOOLS AND ONE HIGH  
 SCHOOL. THE PARTICIPATING SCHOOLS  
 WERE EACH IN A DIFFERENT SCHOOL  
 DISTRICT. STUDENT TEST RESULTS  
 INDICATED THAT NO MAJOR DIFFERENCES  
 BETWEEN THE EXPERIMENTAL GROUP AND  
 THE CONTROL GROUP WERE EVIDENT. THE  
 DOCUMENT INCLUDES A PROJECT  
 SUMMARY, COPY OF THE PROCEDURAL  
 MANUAL AND MODEL (27 PAGES) WITH  
 APPENDED MATERIALS, THE  
 INSTRUCTIONAL MANUAL FOR PILOT TEST  
 TEACHERS (21 PAGES), AND A THIRD  
 PARTY EVALUATION REPORT BY  
 BEHAVIORAL CONSULTANTS. THE  
 EVALUATOR CONCLUDED THAT ALL  
 PROJECT OBJECTIVES WERE ACHIEVED,  
 AND THAT ADMINISTRATION OF THE  
 PROJECT HAD BEEN OUTSTANDING. THE  
 EVALUATION INTERVIEW FORMS AND  
 TESTING INSTRUMENTS ARE APPENDED.  
 (AUTHOR/RG)

VT 103 147  
 VAN TRIES, ROBERT P.  
 RESEARCH AND DEVELOPMENT PROJECT IN  
 CAREER EDUCATION. FINAL REPORT.

MINNESOTA STATE DEPT. OF EDUCATION,  
 ST. PAUL. DIV. OF VOCATIONAL AND  
 TECHNICAL EDUCATION.  
 OFFICE OF EDUCATION (DHEW),  
 WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-2965

PUB DATE - 31DEC75 118P.; PAGES  
 25 THROUGH 29 CONTAINING THE  
 SECONDARY VOCATIONAL CENTER AND THE  
 MINNESOTA STATE BOARD OF EDUCATION  
 POSITION PAPER ON CAREER EDUCATION  
 WERE NOT REPRODUCIBLE AND WERE  
 REMOVED. THEY ARE NOT INCLUDED IN  
 THE PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION;  
 \*ELEMENTARY SECONDARY EDUCATION;  
 \*DEVELOPMENTAL PROGRAMS; \*PROGRAM  
 EVALUATION; STATEWIDE PLANNING;  
 \*PROGRAM DESCRIPTIONS  
 IDENTIFIERS - MINNESOTA

ABSTRACT - COVERING THE TIME PERIOD  
 FROM JUNE 30, 1973 TO DECEMBER 30,  
 1974, THE REPORT SUMMARIZES THE  
 ACCOMPLISHMENTS OF CAREER EDUCATION  
 PROGRAMS IN EIGHT SEPARATE  
 MINNESOTA SCHOOL DISTRICTS.  
 APPROXIMATELY 600 TEACHERS AND  
 21,000 STUDENTS IN GRADES 1-12 WERE  
 INVOLVED IN THE PROJECT. THE LONG  
 RANGE GOAL WAS THE DEVELOPMENT OF  
 ARTICULATED COMPREHENSIVE CAREER  
 EDUCATION PROGRAMS IN THE STATE.  
 SPECIFIC OBJECTIVES WERE TO DEVELOP  
 AND TEST THE EFFECTIVENESS OF  
 ALTERNATIVE CAREER EDUCATION MODELS  
 AS THEY RELATE TO MEETING THE NEEDS  
 OF STUDENTS IN RURAL, URBAN, AND  
 METROPOLITAN SCHOOL SYSTEMS.  
 APPENDIXES (52 PAGES) INCLUDE:  
 DEMOGRAPHIC DATA, GOALS AND  
 OBJECTIVES OF EACH OF THE EIGHT  
 DISTRICT SITES, DESCRIPTIONS OF  
 LOCAL PROJECTS, AND SURVEY  
 INSTRUMENTS. THE THIRD PARTY  
 EVALUATION REPORT BY EDUCATIONAL  
 MANAGEMENT SERVICES, INC., IS  
 INCLUDED IN THE DOCUMENT. INPUT FOR  
 THE EVALUATION WAS BASED PRIMARILY  
 ON INTERVIEWS WITH PROJECT STAFF,  
 ADMINISTRATORS, AND TEACHERS; A  
 TELEPHONE SURVEY OF COMMUNITY  
 ORGANIZATIONS; MEETINGS CONDUCTED  
 BY THE DIVISION OF VOCATIONAL-

TECHNICAL EDUCATION, DISCUSSIONS WITH THE RESEARCH COORDINATING UNIT DIRECTORS, AND ANALYSIS OF PROJECT DOCUMENTS. RESULTS OF THE EVALUATION ARE REPORTED FOR EACH OF THE FOLLOWING EIGHT AREAS OF CONCERN: PROJECT DESIGN, CONTEXTUAL ANALYSIS, MANAGEMENT, INSTRUCTIONAL SYSTEMS, INFORMATION SYSTEMS, INTERNAL EVALUATION, DOCUMENTATION AND TRANSPORTABILITY, AND COSTS. FIFTEEN RECOMMENDATIONS ARE PRESENTED BY THE EVALUATION TEAM. (AUTHOR/RG)

**VT 103 148**

A COMPREHENSIVE VOCATIONAL EDUCATION PROGRAM FOR CAREER DEVELOPMENT IN LEON COUNTY. FINAL REPORT. VOLUME I: PROGRAM PERFORMANCE REPORT.

LEON COUNTY SCHOOLS, TALLAHASSEE, FLA.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.; FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-3004

PUB DATE - 75 206P.; RELATED DOCUMENTS VT 103 014 THROUGH VT 103 016 AND VT 103 148 AND VT 103 149 IN THIS ISSUE. PORTIONS OF THIS DOCUMENT MAY NOT REPRODUCE WELL, BEST COPY AVAILABLE.

DESCRIPTORS \*CAREER EDUCATION; ELEMENTARY SECONDARY EDUCATION; \*PROGRAM DESCRIPTIONS; \*DEVELOPMENTAL PROGRAMS; PILOT PROJECTS; POST SECONDARY EDUCATION

ABSTRACT - DESCRIBED IN THE REPORT (44 PAGES) ARE THE ACCOMPLISHMENTS AND ACTIVITIES OF A TWO-YEAR PILOT PROJECT TO DEVELOP, IMPLEMENT, EVALUATE, AND DISSEMINATE A COMPREHENSIVE K-14 CAREER EDUCATION PROGRAM. APPROXIMATELY 700 STUDENTS AND 400 STAFF MEMBERS WERE INVOLVED IN THE PROJECT IN FIVE ELEMENTARY, TWO MIDDLE SCHOOLS, ONE SENIOR HIGH, A POSTSECONDARY VOCATIONAL TECHNICAL INSTITUTE, AND A

COMMUNITY COLLEGE. ACTIVITIES IN THE AREAS OF PUBLICITY, DISSEMINATION, DATA COLLECTION, STAFF DEVELOPMENT AND UTILIZATION, AND INSERVICE ARE SUMMARIZED. EIGHT APPENDIXES TO THE REPORT COMPRISE THE MAJOR PORTION OF THE DOCUMENT (152 PAGES). THESE INCLUDE: PROGRAM MODELS, OBJECTIVES, AND SAMPLE MATERIALS FOR IMPLEMENTATION; DESCRIPTION OF THE PLACEMENT MODEL; LISTING OF INSERVICE PROGRAMS; CORRESPONDENCE; SAMPLE FORMS; A LIST OF RESOURCE MATERIALS PURCHASED, INCLUDING COST DATA; AND PUBLICITY. (RG)

**VT 103 149**

PERKINS, LAWRENCE H.  
THE EVALUATION OF THE LEON DISTRICT CAREER EDUCATION PROJECT, GRADES K-14. FINAL REPORT.

UNIVERSITY OF WEST FLORIDA, PENSACOLA.

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

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - 75 113P.; RELATED DOCUMENTS VT 103 014 THROUGH VT 103 016 AND VT 103 148 AND VT 103 149 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; ELEMENTARY SECONDARY EDUCATION; \*PROGRAM EVALUATION; \*PROGRAM DESCRIPTIONS; \*DEVELOPMENTAL PROGRAMS; PILOT PROJECTS; STUDENT TESTING; POST SECONDARY EDUCATION IDENTIFIERS - \*LEON COUNTY SCHOOLS; FLORIDA

ABSTRACT - THE THIRD PARTY EVALUATION REPORT FOCUSES ON BOTH PROCESS AND PRODUCT OBJECTIVES. THE DESIGN FOR THE PROCESS ELEMENT CENTERED UPON THE EIGHT MAJOR AREAS OF DEVELOPMENTAL ACTIVITIES OR COMPONENTS: ELEMENTARY, MIDDLE SCHOOL, SECONDARY/POSTSECONDARY, GUIDANCE AND COUNSELING, PLACEMENT AND FOLLOWUP, INSERVICE EDUCATION, COMMUNITY INVOLVEMENT, AND MATERIALS DEVELOPMENT AND DISSEMINATION. ALL AVAILABLE DATA SOURCES WERE REVIEWED AND ANALYZED

IN TERMS OF THE STATED OBJECTIVES FOR EACH OF THE EIGHT COMPONENTS. THE PRODUCT EVALUATION INVOLVED A STUDENT TESTING PROGRAM AT ALL INSTRUCTIONAL LEVELS USING AN EXPERIMENTAL/CONTROL GROUP. TEST RESULTS ARE REPORTED AND THE FINDINGS SUMMARIZED. BASED ON CONCLUSIONS REGARDING THE ACHIEVEMENT OF PROCESS AND PRODUCT OBJECTIVES, RECOMMENDATIONS ARE PRESENTED FOR FUTURE IMPLEMENTATION. APPENDED ARE A BIBLIOGRAPHY AND LIST OF DATA COLLECTION INSTRUMENTS USED. (RG)

**VT 103 150**

PROJECT CAREER EDUCATION K-10. RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. FINAL REPORT AND APPENDIXES A, I, AND J.

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF VOCATIONAL EDUCATION.

BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 01OCT74 92P.; RELATED DOCUMENTS VT 103 151 AND VT 103 061 THROUGH VT 103 066 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; ELEMENTARY EDUCATION; \*PROGRAM DESCRIPTIONS; SECONDARY EDUCATION; \*PROGRAM DEVELOPMENT IDENTIFIERS - PORTLAND; OREGON

ABSTRACT - THE REPORT DESCRIBES PHASE I OF AN APPLIED RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION, K-10, IMPLEMENTED IN THE PORTLAND PUBLIC SCHOOLS, DISTRICT 1, AREA II, MARSHALL HIGH SCHOOL ATTENDANCE AREA. MAJOR ACTIVITIES INCLUDED DEVELOPMENT OF CURRICULUM BY GRADE LEVEL AND SUBJECT DISCIPLINE; ESTABLISHMENT OF A COMMUNITY AND PROJECT DISSEMINATION NETWORK; WORKSHOPS TO REVISE CURRICULUM, PLAN SCHOOL YEAR STRATEGY, AND DISSEMINATE MATERIALS; STAFF DEVELOPMENT THROUGH INSERVICE; AND IDENTIFICATION AND PLACEMENT OF BASIC INSTRUCTIONAL MATERIALS IN

RESOURCE CENTERS. A 20-PAGE SECTION EXPANDS PROJECT GOALS AND INCLUDES A LIST OF PROJECT ACTIVITIES, EVALUATION QUESTIONS, AND A DESCRIPTION OF THE RESULTS OF THE ACTIVITY IN TERMS OF THE EVALUATION QUESTIONS. RESULTS ARE SUMMARIZED REGARDING CHANGE IN TEACHER ATTITUDES, LEARNER OUTCOMES, AND LISTINGS OF PROJECT-DEVELOPED MATERIALS AND ACTIVITIES. INCLUDED IN THE REPORT ARE THE TEACHER SELF-ASSESSMENT INVENTORY, THE PROGRAM ASSESSMENT PROFILE, AND THE INVENTORY AND PRIORITY NEED LISTING OF RESOURCE MATERIALS. APPENDIXES CONTAIN THE STUDENT CAREER EXPLORATION FILE FOLDER, THE DESCRIPTION OF THE ROLE AND RESPONSIBILITY OF THE BUILDING COORDINATOR, AND AN EXPLANATION OF THE PROJECT GOALS, COMPONENTS, AND CONCEPTS IMPLEMENTED FOR THE SCHOOL YEAR 1973-74. (NJ)

**VT 103 151**

WARD, DALE E. PROJECT CAREER EDUCATION K-10. RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. FINAL EVALUATION REPORT (APPENDIX H OF THE FINAL REPORT).

BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 05JUL74 57P.; RELATED DOCUMENTS VT 103 150 AND VT 103 061 THROUGH VT 103 066 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM EVALUATION; QUESTIONNAIRES; ELEMENTARY EDUCATION; SECONDARY EDUCATION IDENTIFIERS - PORTLAND; OREGON

ABSTRACT - THIS APPENDIX TO THE PROJECT CAREER EDUCATION K-10 FINAL REPORT CONSISTS OF THE EVALUATION REPORT OF A RESEARCH AND DEVELOPMENT PROJECT CONDUCTED IN THE PORTLAND PUBLIC SCHOOLS. IT IS PRESENTED IN THREE PARTS. PART I IS AN OBJECTIVE REPORT OF RESULTS TABULATED IN GRADES 6, 7, 8, 9, AND 10 FROM A SAMPLING OF 40 STUDENTS

FROM EACH GRADE. PART II REPORTS RESULTS FROM SUBJECTIVE RESPONSES TO QUESTIONS ASKED OF A RANDOMLY SELECTED TEACHER POPULATION FROM GRADES K-8, REPRESENTING A TOTAL SAMPLING OF ONE-THIRD. PART III IS A REPORT OF THE RESULTS FROM OBJECTIVE AND SUBJECTIVE RESPONSES TO INTERVIEW QUESTIONS ASKED OF THE PROJECT COORDINATOR BY A THIRD PARTY EVALUATOR. THE RESULTS SHOW NO DEMONSTRABLY SIGNIFICANT CHANGE AT THE LEARNER LEVEL, POSSIBLY BECAUSE THE PROJECT CONCENTRATED ITS RESOURCES ON PRODUCING CHANGE IN CURRICULUM AND TEACHER ATTITUDE. THE RESULTS OF PART II AND III DEMONSTRATE SIGNIFICANT CHANGE IN CURRICULUM AND TEACHER-RELATED AREAS. IT IS THE JUDGMENT OF THE EVALUATOR THAT THE PROJECT DID NOT ERR IN CONCENTRATING ITS EFFORTS ON CURRICULUM AND TEACHER ATTITUDE CHANGE BUT IN ESTABLISHING LEARNER OUTCOME AS THE CRITERION FOR PROJECT SUCCESS. INCLUDED IN THE REPORT ARE THE EVALUATION QUESTIONNAIRES ADMINISTERED TO STUDENTS, TEACHERS, AND THE PROJECT COORDINATOR. (NJ)

**VT 103 152**

RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. CITIES OF YONKERS AND SYRACUSE, NEW YORK.

NEW YORK STATE EDUCATION DEPT.,  
ALBANY.

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-2982

PUB DATE - 11AUG75 72P.; RELATED  
DOCUMENT VT 103 153 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CAREER AWARENESS; ELEMENTARY  
EDUCATION; \*PROGRAM DESCRIPTIONS;  
\*DEVELOPMENTAL PROGRAMS; PILOT  
PROJECTS

IDENTIFIERS - SYRACUSE; YONKERS;  
NEW YORK

ABSTRACT - DESCRIBED IN VOLUME I OF  
THE REPORT ARE THE GOALS,  
OBJECTIVES, IMPLEMENTATION

PROCEDURES, AND ACCOMPLISHMENTS OF  
TWO ELEMENTARY LEVEL CAREER  
EDUCATION PILOT PROJECTS. THE SITES  
OF SYRACUSE AND YONKERS WERE CHOSEN  
TO SERVE AS MODELS FOR THEIR  
RESPECTIVE AREAS. ALTHOUGH THE  
PROJECTS ARE DISSIMILAR,  
INFORMATION ABOUT THE TWO IS  
JUXTAPOSED THROUGHOUT THE BODY OF  
THE REPORT. THE TIME PERIOD COVERED  
WAS FROM JULY 1973 TO MAY 1975. IN  
SYRACUSE, A "LIFE CENTERED  
CURRICULUM" WAS DEVELOPED TO  
INCORPORATE CAREER EDUCATION AS AN  
INTEGRAL COMPONENT OF THE TOTAL  
EDUCATIONAL PROGRAM. PILOT CLASSES  
WERE INITIATED IN 31 PUBLIC AND  
FIVE PRIVATE SCHOOLS. AS A RESULT  
OF THE PROJECT, THE CURRICULUM HAS  
BEEN ADOPTED BY THE SYRACUSE CITY  
SCHOOL DISTRICT, AND THE CURRICULUM  
UNITS DEVELOPED HAVE BEEN  
DISSEMINATED TO OTHER DISTRICTS.  
THE ELEMENTARY PROJECT IN YONKERS  
WAS CONDUCTED IN FOUR PILOT  
SCHOOLS. AN EXTENSIVE NEEDS  
ASSESSMENT IDENTIFIED SPECIFIC  
CONCERNS OF THE COMMUNITY, AND  
IMPLEMENTATION STRATEGIES WERE  
GEARED TO THE INFUSION OF A CAREER  
EDUCATION PROGRAM. CONCLUSIONS AND  
RECOMMENDATIONS ARE PRESENTED FOR  
THE IMPLEMENTATION OF SIMILAR PILOT  
PROJECTS. (RG)

**VT 103 153**

RESEARCH AND DEVELOPMENT PROJECT IN  
CAREER EDUCATION. CITIES OF YONKERS  
AND SYRACUSE, NEW YORK.

NEW YORK STATE EDUCATION DEPT.,  
ALBANY

BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-2982

PUB DATE - 11AUG75 288P.;  
RELATED DOCUMENT VT 103 152 IN THIS  
ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CAREER AWARENESS; PILOT PROJECTS;  
\*PROGRAM EVALUATION; \*PROGRAM  
DESCRIPTIONS; \*DEVELOPMENTAL  
PROGRAMS; ELEMENTARY EDUCATION  
IDENTIFIERS - SYRACUSE; YONKERS;

## NEW YORK

ABSTRACT - VOLUME II CONTAINS THE APPENDIXES TO THE FINAL REPORT ON THE YONKERS AND SYRACUSE, NEW YORK CAREER EDUCATION PROJECT. COMPRISING MOST OF THE DOCUMENT ARE THE THIRD PARTY EVALUATION REPORTS: TWO FOR SYRACUSE BY EDUCATIONAL SERVICES, INC. FOR THE YEARS 1974 AND 1975 AND ONE IN 1975 BY POLICY STUDIES IN EDUCATION FOR YONKERS. THE 1974 EVALUATION REPORT FOR SYRACUSE FOCUSED ON TEACHERS' PERCEPTIONS, ATTITUDES, AND ABILITIES TO ADMINISTER THE NEW CURRICULUM UNITS. THE FINAL EVALUATION REPORT WAS CONCERNED WITH PRODUCT AND PROCESS OBJECTIVES. THE EVALUATORS CONCLUDED THAT THE PROJECT HAS ACHIEVED ALL MAJOR GOALS, AND THAT CAREER EDUCATION HAS BECOME AN INTEGRAL PART OF THE CURRICULUM OFFERING OF THE SCHOOL DISTRICT. THE EVALUATION REPORT FOR YONKERS FOCUSED ON PROJECT STAFF ACTIVITIES. INSTRUMENTS WERE DEVELOPED FOR: SURVEYING TEACHER ATTITUDES TOWARD CAREER EDUCATION, MEASURING THE IMPACT OF INSERVICE WORKSHOPS, ASSESSING TEACHER INVOLVEMENT WITH CAREER EDUCATION, AND MEASURING THE IMPACT OF THE PROGRAM ON STUDENT PERFORMANCE. THE EVALUATORS CONCLUDED THAT A GOOD START HAS BEEN MADE AND THAT THE DISTRICT SHOULD CONTINUE THIS EFFORT. APPENDED ARE THE SURVEY INSTRUMENTS USED. PROJECT MATERIALS CONTAINED IN THE VOLUME INCLUDE THE LIST OF INSTRUCTIONAL MATERIALS DEVELOPED BY THE PROJECTS. (RG)

VT 103 154

VICINO, F.L.; DEGRACIE, J.S.  
COMPREHENSIVE NEEDS ASSESSMENT.  
GILA RIVER CAREER CENTER.

INFORMATION ANALYSIS ASSOCIATES,  
MESA, ARIZ.  
ARIZONA STATE DEPT. OF EDUCATION,  
PHOENIX. RESEARCH COORDINATING  
UNIT.; PINAL COUNTY COMMUNITY  
COLLEGE DISTRICT, SACATON, ARIZ.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 15APR76 41P.

DESCRIPTORS - \*VOCATIONAL TRAINING  
CENTERS; \*SCHOOL SURVEYS;  
\*EDUCATIONAL NEEDS; \*STUDENT NEEDS;  
\*NEEDS ASSESSMENT  
IDENTIFIERS - GILA RIVER CAREER  
CENTER; ARIZONA

ABSTRACT - AN INDEPTH NEEDS  
ASSESSMENT WAS CONDUCTED TO  
IDENTIFY AND PRIORITIZE  
INSTITUTIONAL GOALS SPECIFIED IN  
TERMS OF THE VOCATIONAL NEEDS OF  
THE CLIENTELE THAT THE TRAINING  
CENTER IS COMMITTED TO SERVE.  
FOLLOWING A TASK WORKSHOP TO  
DEVELOP A LIST OF INSTITUTIONAL  
PROGRAM AREAS OF CONCERN, A SURVEY  
INSTRUMENT WAS DESIGNED TO  
DETERMINE THE EXTENT AND IMPORTANCE  
OF EACH OF THESE 45 AREAS. SURVEY  
RESULTS WERE BASED ON 142  
RESPONSES: 87 FROM STUDENTS, 28  
FROM STAFF, AND 27 FROM THE  
COMMUNITY. THE THREE RESPONDENT  
GROUPS WERE CONSISTENT IN THEIR  
AGREEMENT ON RELATIVE PRIORITIES  
AND SEVERITIES OF THE VARIOUS AREAS  
OF CONCERN. MAJOR NEEDS RELATED TO  
STAFF SENSITIVITY TO STUDENT  
PROBLEMS, COMMUNICATION SYSTEMS,  
THE TRAINING TIME PERIOD, TRAINING  
IN WORK ATTITUDES, JOB PLACEMENT  
FOLLOWUP, AND PRESENT AND FUTURE  
MANPOWER REQUIREMENTS. IT WAS  
RECOMMENDED THAT TASK FORCES BE  
ESTABLISHED TO EXAMINE THESE  
CONCERNS AND PREPARE ALTERNATIVE  
SOLUTIONS. APPENDED ARE THE  
WORKSHOP STARTER LIST, SURVEY  
INSTRUMENT, AND TABLE OF TOTAL  
SURVEY DATA. (AUTHOR/RG)

VT 103 155

JOHNSON, MILDRED B.; AND OTHERS  
AN ASSESSMENT PROCEDURE TO  
DETERMINE THE EFFECTIVENESS OF  
INDIVIDUALIZED INSTRUCTION  
APPROACHES IN TECHNICAL INSTITUTES  
AND COMMUNITY COLLEGES IN NORTH  
CAROLINA. TECHNICAL REPORT NO. 14.

NORTH CAROLINA UNIV., GREENSBORO.  
SCHOOL OF HOME ECONOMICS.  
NORTH CAROLINA STATE DEPT. OF  
PUBLIC INSTRUCTION, RALEIGH.  
OCCUPATIONAL RESEARCH UNIT.  
MF AND HC AVAILABILITY WILL BE

ANNOUNCED IN VOL. 10, NO. 1.

TR-14

PUB DATE - APR76 160P.; PAGES  
132 THROUGH 134, 144, 145, AND 151  
CONTAINING COPYRIGHTED DATA  
COLLECTION AND EVALUATION FORMS  
WERE REMOVED. THEY ARE NOT INCLUDED  
IN THE PAGINATION. PAGE 143 WAS  
RETYPE AT THE CENTER FOR  
VOCATIONAL EDUCATION, THE OHIO  
STATE UNIVERSITY.

DESCRIPTORS - \*INDIVIDUALIZED  
INSTRUCTION; \*EDUCATIONAL  
ASSESSMENT; \*MODELS; \*POST  
SECONDARY EDUCATION; TECHNICAL  
INSTITUTES; COMMUNITY COLLEGES;  
\*VOCATIONAL EDUCATION; VOCATIONAL  
TEACHERS; RESEARCH PROJECTS; SCHOOL  
SURVEYS; STATE SURVEYS  
IDENTIFIERS - NORTH CAROLINA

ABSTRACT - THE MAJOR PURPOSE OF THE  
STUDY WAS TO DEVELOP A MODEL,  
EVALUATIVE MEASURES, AND GUIDELINES  
WHICH COULD BE USED BY EDUCATIONAL  
DECISIONMAKERS TO ASSESS THE  
EFFECTIVENESS OF INDIVIDUALIZED  
INSTRUCTION APPROACHES IN  
OCCUPATIONAL EDUCATION PROGRAMS AT  
THE COMMUNITY COLLEGE/TECHNICAL  
INSTITUTE LEVEL. THE STUDY WAS  
CONDUCTED IN TWO PHASES. DURING  
PHASE I, A SURVEY WAS CONDUCTED OF  
A RANDOM SAMPLE OF 274 NORTH  
CAROLINA OCCUPATIONAL EDUCATION  
INSTRUCTORS WHOSE INSTRUCTIONAL  
APPROACH WAS MODERATELY TO HIGHLY  
INDIVIDUALIZED. RESULTS OF THE  
SURVEY PROVIDE DEMOGRAPHIC DATA AND  
A DESCRIPTIVE ANALYSIS OF  
INSTRUCTOR PRACTICES AND ATTITUDES.  
IN PHASE II, AN ASSESSMENT MODEL  
WAS DEVELOPED BASED ON A REVIEW OF  
THE LITERATURE. INSTRUMENTS WERE  
SELECTED OR DEVELOPED FOR USE IN  
DATA COLLECTION, AND GUIDELINES  
WERE WRITTEN FOR USE IN  
IMPLEMENTING THE ASSESSMENT  
PROCEDURE. THE MODEL WAS FIELD  
TESTED BY 311 STUDENTS IN 20  
OCCUPATIONAL EDUCATION CLASSES IN  
TWO TECHNICAL INSTITUTES. SELECTED  
EVALUATIVE MEASURES WERE ALSO  
TESTED. RESULTS OF THE STUDY  
IDENTIFY FACTORS WHICH SHOULD BE  
GIVEN MORE ATTENTION AND  
INDIVIDUALIZED INSTRUCTION IS TO BE

UTILIZED MORE EFFECTIVELY. FOR  
EXAMPLE, ONLY 50 PERCENT OF THE  
INSTRUCTORS ALLOWED STUDENTS TO  
PROCEED AT THEIR OWN RATE OF SPEED  
MOST OF THE TIME. A LIST OF  
REFERENCES IS INCLUDED IN THE  
REPORT. APPENDED ARE PROJECT  
CORRESPONDENCE AND SURVEY AND DATA  
COLLECTION INSTRUMENTS. (AUTHOR/RG)

VT 103 156

KREITLOW, BURTON W.  
TRENDS IN ADULT EDUCATION WITH  
IMPLICATIONS FOR VOCATIONAL  
EDUCATION. OCCASIONAL PAPER NO. 12.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. OC-13, \$1.25 EA.).

PUB DATE - ND 19P.;  
RELATED DOCUMENT VT 103 157 IN THIS  
ISSUE.

DESCRIPTORS - \*ADULT EDUCATION;  
\*VOCATIONAL EDUCATION; \*EDUCATIONAL  
TRENDS; SPEECHES; POST SECONDARY  
EDUCATION

ABSTRACT - THIS OCCASIONAL PAPER,  
PRESENTED TO THE STAFF OF THE  
CENTER FOR VOCATIONAL EDUCATION,  
THE OHIO STATE UNIVERSITY,  
DISCUSSES MAJOR TRENDS IN ADULT  
EDUCATION AND THEIR IMPLICATIONS  
FOR VOCATIONAL EDUCATION. DR.  
KREITLOW DEFINES ADULT EDUCATION  
AND IDENTIFIES THE FOLLOWING MAJOR  
TRENDS: SOCIETAL PRESSURE FOR ADULT  
EDUCATION, INDIVIDUAL LEARNING  
PROGRAMS, THE REQUIREMENT FOR  
CONTINUOUS UPGRADING IN THE  
PROFESSIONS, THE EMPHASIS ON THE  
NEEDS OF THE LEARNER AS PERCEIVED  
BY HIM, THE EXTENSION OF HOME-BASED  
PROGRAMS AND RESOURCES, INNOVATIVE  
TEACHING TECHNIQUES, AND THE  
RESURFACING OF THE CONCEPT OF  
EDUCARE, PARTICIPANT GROUPS  
IDENTIFIED SEVERAL IMPLICATIONS OF  
THESE TRENDS FOR THE FOLLOWING  
ROLES OR PROGRAMS: ADMINISTRATORS  
OF VOCATIONAL EDUCATION PROGRAMS,  
VOCATIONAL TEACHER TRAINING

INSTITUTIONS, VOCATIONAL EDUCATION-  
-ELEMENTARY THROUGH POST HIGH  
SCHOOL, VOCATIONAL RETRAINING OF  
ADULTS, VOCATIONAL EDUCATION OF  
WOMEN, STATE SUPERVISORS OF  
VOCATIONAL EDUCATION PROGRAMS,  
GRADUATE STUDY IN VOCATIONAL  
EDUCATION, AND MEN AND WOMEN IN THE  
SKILLED TRADES. A RECORD OF DR.  
KREITLOW'S RESPONSES TO QUESTION BY  
THE PARTICIPANTS COMPLETES THE  
DOCUMENT. (NJ)

VT 103 157

PARNES, HERBERT S.

A CONCEPTUAL FRAMEWORK FOR HUMAN  
RESOURCE POLICY: IMPLICATIONS FOR  
VOCATIONAL EDUCATION RESEARCH AND  
DEVELOPMENT. OCCASIONAL PAPER NO.  
14.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

CENTER FOR VOCATIONAL EDUCATION,  
OHIO STATE UNIVERSITY, 1960 KENNY  
ROAD, COLUMBUS, OHIO 43210. (ORDER  
NO. OC-14, \$1.00 EA.).

PUB DATE - ND 9P.; RELATED  
DOCUMENT VT 103 156 IN THIS ISSUE.

DESCRIPTORS - \*HUMAN RESOURCES;  
\*RESEARCH PROBLEMS; \*LABOR  
ECONOMICS; \*VOCATIONAL EDUCATION;  
\*CONCEPTUAL SCHEMES

ABSTRACT - THIS OCCASIONAL PAPER,  
PRESENTED TO THE STAFF OF THE  
CENTER FOR VOCATIONAL EDUCATION,  
THE OHIO STATE UNIVERSITY, PRESENTS  
A CONCEPTUAL FRAMEWORK FOR HUMAN  
RESOURCE POLICY WITH IMPLICATIONS  
FOR RESEARCH AND DEVELOPMENT IN  
VOCATIONAL EDUCATION. DR. PARNES  
DISCUSSES THE MEANING AND  
DIMENSIONS OF HUMAN RESOURCE  
POLICY, WHICH ARE CONCERNED WITH  
THE DEVELOPMENT OF VOCATIONAL AND  
LABOR MARKET SKILLS, THE OPTIMAL  
ALLOCATION AND UTILIZATION OF HUMAN  
RESOURCES, AND THE MAINTENANCE OR  
CONSERVATION OF HUMAN RESOURCES.  
DR. PARNES ALSO OFFERS SOME  
OBSERVATIONS ON THE RELATIONSHIP  
BETWEEN THE FRAMEWORK FOR HUMAN  
RESOURCE POLICY AND VOCATIONAL  
EDUCATION RESEARCH AND DEVELOPMENT.

HE SUGGESTS THE IMPORTANCE OF THE  
INVESTIGATION OF THE NATURE OF THE  
LINK BETWEEN EDUCATION AND LABOR  
MARKET EXPERIENCE, HOW THE SCHOOL  
SYSTEM CAN BETTER PROVIDE LABOR  
MARKET INFORMATION LEADING TO MORE  
RATIONAL OCCUPATIONAL DECISIONS,  
AND HOW TO INTEGRATE THE ENTIRE  
EDUCATIONAL EXPERIENCE TO ACHIEVE  
ALL THE OBJECTIVES THAT EDUCATION  
IS DESIGNED TO SERVE FOR ALL  
STUDENTS. (NJ)

VT 103 158

CLUSTER CURRICULUM PROJECT, CALHOUN  
AREA VOCATIONAL CENTER. THIRD PARTY  
EVALUATION REPORT I: FEBRUARY 18,  
1976.

CARKHUFF ASSOCIATES, INC., AMHERST,  
MASS.

CALHOUN AREA VOCATIONAL CENTER,  
BATTLE CREEK, MICH.; OFFICE OF  
EDUCATION (DHEW), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - 18FEB76 56P.; RELATED  
DOCUMENTS VT 103 158 THROUGH VT 103  
160 IN THIS ISSUE.

DESCRIPTORS - PROGRAM EVALUATION;  
\*CURRICULUM DEVELOPMENT; \*PROGRAM  
DEVELOPMENT; \*MODELS; VOCATIONAL  
DEVELOPMENT; VOCATIONAL EDUCATION;  
\*INTEGRATED CURRICULUM; \*FORMATIVE  
EVALUATION; DELIVERY SYSTEMS;  
SECONDARY EDUCATION; VOCATIONAL  
TRAINING CENTERS; OCCUPATIONAL  
CLUSTERS; CLUSTER GROUPING

ABSTRACT - THIS EVALUATION REPORT  
FOCUSES ON THE INITIAL PHASE OF A  
CLUSTER CURRICULUM PROJECT. THE  
MAJOR GOAL IS TO DEVELOP A  
MANAGEMENT MODEL AND DELIVERY  
SYSTEM IN WHICH VOCATIONAL-  
TECHNICAL SKILLS, BASIC ACADEMIC  
SKILLS, CAREER DEVELOPMENT, AND  
PLACEMENT SKILLS ARE ORGANIZED INTO  
A FUNCTIONALLY INTEGRATED  
CURRICULUM. SECTIONS OF THE REPORT  
ADDRESS THE FOLLOWING OBJECTIVES:  
(1) TO REVIEW THE CALHOUN AREA  
VOCATIONAL EDUCATION CENTER'S  
(CAVC) GOALS AND OBJECTIVES FOR THE  
PROJECT; (2) TO IDENTIFY THE MAJOR  
COMPONENTS OF THE EDUCATIONAL  
DELIVERY SYSTEM THAT CAVC PERSONNEL

PLAN TO EMPLOY TO REACH THEIR OBJECTIVES; (3) TO IDENTIFY THE SPECIFIC PHASES THAT CAVC PLAN TO USE TO DEVELOP THESE MAJOR COMPONENTS; (4) TO DETERMINE THE PRESENT DEVELOPMENTAL STATUS OF EACH COMPONENT; AND (5) TO SPECIFY A PHASE I EVALUATION DESIGN THAT CAVC PERSONNEL COULD USE TO ASSESS PROGRESS TOWARD THE OBJECTIVES. THE MANAGEMENT AND DELIVERY OBJECTIVES DERIVED FROM THE BROAD OVERALL GOALS APPEAR IN APPENDIXES A THROUGH D. APPENDIX A REFLECTS THE BROADLY STATED PROJECT GOALS AND PRINCIPAL OBJECTIVES, THE MAJORITY OF WHICH ADDRESS ORGANIZATIONAL AND CURRICULUM OBJECTIVES. APPENDIX B REFLECTS THE LEARNER SITUATIONS SOUGHT VIA THE CURRICULUM DEVELOPMENT AND DELIVERY PROCESS. APPENDIX C REPRESENTS A FIRST ATTEMPT TO OPERATIONALIZE THE SIX MAJOR OUTCOME AREAS, AND APPENDIX D REPRESENTS THE PROJECT MANAGEMENT'S INITIAL UNDERSTANDING OF THE PRODUCTS TO BE COMPLETED. (AUTHOR/NJ)

#### VT 103 159

CLUSTER CURRICULUM PROJECT, CALHOUN AREA VOCATIONAL CENTER. THIRD PARTY EVALUATION REPORT: APRIL 8, 1976.

CARKHUFF ASSOCIATES, INC., AMHERST, MASS.

CALHOUN AREA VOCATIONAL CENTER, BATTLE CREEK, MICH.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - 08APR76 82P.; RELATED DOCUMENTS VT 103 158 THROUGH VT 103 160 IN THIS ISSUE.

DESCRIPTORS - PROGRAM EVALUATION;  
\*VOCATIONAL DEVELOPMENT;  
\*CURRICULUM DEVELOPMENT;  
QUESTIONNAIRES; JOB PLACEMENT;  
\*CURRICULUM EVALUATION; \*FORMATIVE EVALUATION; VOCATIONAL TRAINING CENTERS; VOCATIONAL EDUCATION;  
\*PROGRAM DEVELOPMENT; SECONDARY EDUCATION; OCCUPATIONAL CLUSTERS; CLUSTER GROUPING

ABSTRACT - THIS REPORT REPRESENTS THE THIRD PARTY EVALUATION OF THE

DEVELOPMENT PHASE OF A PROJECT TO DEVELOP AN INTEGRATED CAREER DEVELOPMENT CURRICULUM IN THE CALHOUN AREA VOCATIONAL CENTER (CAVC). THE FOCUS OF THE REPORT IS ON IMPLEMENTATION OF THE EVALUATION DESIGN, PROGRAM ASSESSMENT, AND THE INSTRUMENTS TO BE USED IN COLLECTING PROJECT IMPACT DATA. THE CONTENT OF THE CURRENT CAREER DEVELOPMENT CURRICULUM EFFORT IS OUTLINED IN APPENDIX A. THE OUTLINE INCLUDES THE EXPANSION OF SELF AND JOB AWARENESS, THE ACQUISITION OF DECISIONMAKING SKILLS, AND THE ACQUISITION OF CAREER PREPARATION SKILLS. A COMPREHENSIVE CURRICULUM FOR SELF-PLACEMENT SKILLS IS OUTLINED IN APPENDIX B. INCLUDED ALSO IS A REPORT ON PROJECT RESPONSE TO PREVIOUS RECOMMENDATIONS BY DHEW AND THE THIRD PARTY EVALUATOR. AN EXAMINATION OF A REPRESENTATIVE SAMPLE OF WRITTEN MODULES MATERIALS WAS CONDUCTED AND AN ANALYSIS OF WRITTEN PROGRAMS WAS MADE. PROGRAM DATA WERE GATHERED IN THE FOUR AREAS OF GOALS AND OBJECTIVES, NEEDS ASSESSMENT, DELIVERY SYSTEMS, AND EVALUATION. THE RESULTS OF THE SURVEY EVALUATION OF CAVC PROGRAMS COMPRISE APPENDIX C. THE DEVELOPMENT OF INSTRUMENTS AND PROCEDURES DESIGNED TO ESTABLISH BASE RATE DATA IS DESCRIBED. FOUR FORMS OF THE STUDENT CAREER DEVELOPMENT INSTRUMENT ARE APPENDED ALONG WITH AN ADDITIONAL CAREER DEVELOPMENT OPINIONAIRE DEVELOPED FOR STAFF (43 PAGES). (NJ)

#### VT 103 160

MILLER, HARRY  
IMPLEMENTATION OF THE OCCUPATIONAL CLUSTER CONCEPT--A CURRICULUM TOOL FOR IMPROVING CAREER DEVELOPMENT AND PREPARATION EDUCATION. QUARTERLY REPORT: JANUARY 1, 1976-MARCH 31, 1976.

CALHOUN AREA VOCATIONAL CENTER, BATTLE CREEK, MICH.  
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - APR76 115P.; RELATED

DOCUMENTS VT 103 158 THROUGH VT 103 160 IN THIS ISSUE.

DESCRIPTORS - \*PROGRAM DESCRIPTIONS; \*DEVELOPMENTAL PROGRAMS; \*CURRICULUM DEVELOPMENT; \*VOCATIONAL DEVELOPMENT; VOCATIONAL TRAINING CENTERS; QUESTIONNAIRES; SECONDARY EDUCATION; OCCUPATIONAL CLUSTERS; CLUSTER GROUPING

ABSTRACT - DESCRIBED IN THIS REPORT ARE THE THIRD QUARTER ACTIVITIES OF THE FIRST YEAR OF A CURRICULUM DEVELOPMENT PROJECT TO UTILIZE THE OCCUPATIONAL CLUSTER CONCEPT IN FACILITATING DELIVERY OF CAREER DEVELOPMENT ON THE SECONDARY LEVEL. LISTED IN THE REPORT ARE PROJECT ACCOMPLISHMENTS KEYED TO GOALS AND OBJECTIVES, MAJOR ACTIVITIES AND EVENTS, PROBLEMS, PUBLICITY AND DISSEMINATION ACTIVITIES, PROGRESS REPORT ON DATA COLLECTION, EVALUATION PLANS AND PROCEDURES, AND A REPORT ON STAFF EMPLOYMENT, UTILIZATION, AND DEVELOPMENT. THE MAJOR PORTION OF THE REPORT CONSISTS OF APPENDIXES WHICH CONTAIN A CONFERENCE AGENDA, REVIEW OF OTHER EXEMPLARY CLUSTER CURRICULUM, THE EVALUATOR CONSULTING AGREEMENT, DATA COLLECTION SURVEY INSTRUMENTS, AND PROJECT MEMOS. ALSO APPENDED IS A BRIEF HANDBOOK LISTING SPECIFIC STRATEGIES AND TACTICS WHICH EXPERIENCED CHANGE AGENTS HAVE RECOMMENDED FOR USE AT VARIOUS STAGES OF A CHANGE PROGRAM. A TWO-PAGE CHART INDICATES WHICH STRATEGIES AND TACTICS MIGHT BE APPLICABLE TO SPECIFIC STAGES IN THE PROCESS. (NJ)

VT 103 161

LEWIS, JAMES P.; FICKES, JOAN GAUGHAN  
EVALUATION OF 1975 POSTSECONDARY EDUCATIONAL PROGRAMS IN THE EIGHT PENNSYLVANIA STATE CORRECTIONAL INSTITUTIONS.

PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. OFFICE OF CORRECTIONS EDUCATION.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

PUB DATE - MAY76 56P.

DESCRIPTORS - \*PROGRAM EVALUATION; \*CORRECTIVE INSTITUTIONS; \*COLLEGE PROGRAMS; \*PROGRAM ADMINISTRATION; \*STUDENT ATTITUDES; CORRECTIONAL EDUCATION  
IDENTIFIERS - PENNSYLVANIA

ABSTRACT - THE PURPOSE OF THIS STUDY WAS TO EXAMINE THE ROLE OF THE 14 COLLEGES PARTICIPATING IN POSTSECONDARY PROGRAMS IN EIGHT PENNSYLVANIA CORRECTIONAL INSTITUTIONS, TO ASSESS THE QUALITY OF INSTRUCTION AND EDUCATIONAL SERVICES, AND TO DETERMINE THE ATTITUDES OF THE OFFENDERS TOWARDS THE COLLEGE PROGRAM. THIS REPORT EXAMINES THE MANAGEMENT OF THE COLLEGE PROGRAM IN EACH OF THE EIGHT INSTITUTIONS AND THE OFFENDERS' ATTITUDES TOWARD THE PROGRAM. DATA USED IN THE EVALUATION WERE COLLECTED BY QUESTIONNAIRES ADMINISTERED TO THE OFFENDERS AND TO DEANS OF CONTINUING EDUCATION AT EACH OF THE PARTICIPATING COLLEGES. THE SUBJECTS WERE 443 MALES AND FIVE FEMALES ENROLLED IN THE PROGRAM AT EACH OF THE EIGHT CORRECTIONAL INSTITUTIONS. THE RESULTS SECTION IS DESIGNED TO REFLECT OUTCOMES AS THEY RELATE TO THE SPECIFIC EVALUATION OBJECTIVES. THE RESPONSES OF THE DEANS ARE SUMMARIZED IN NARRATIVE FORM. THE RESULTS OF THE OFFENDERS' RESPONSES ARE ALSO SUMMARIZED AND GROUPED BY THE THREE SUBSECTIONS OF PERCEPTIONS OF INSTRUCTORS, PERCEPTIONS OF SERVICES, AND PERCEPTIONS OF VALUES AND ATTITUDES. OVER ONE-HALF OF THE REPORT CONSISTS OF APPENDIXES CONTAINING THE EVALUATION QUESTIONNAIRES AND THE INDIVIDUAL INSTITUTION RESPONSES. (NJ)

VT 103 162

BARBROW, LOUIS E.  
THE METRIC SYSTEM AND SMALL BUSINESS. SMALL BUSINESS ADMINISTRATION MANAGEMENT AIDS NO. 214 FOR SMALL MANUFACTURERS.

SMALL BUSINESS ADMINISTRATION,

WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
SMALL BUSINESS ADMINISTRATION,  
WASHINGTON, D.C. 20416.  
PUB DATE - ND 12P.

DESCRIPTORS - \*METRIC SYSTEM;  
\*BUSINESS; PLANNING; GUIDELINES

ABSTRACT - INTENDED FOR THE  
OWNER/MANAGER OF A SMALL BUSINESS,  
THE PAMPHLET DISCUSSES THE  
BACKGROUND OF THE NATIONAL PLAN FOR  
METRIC CONVERSION IN THE UNITED  
STATES, IDENTIFIES SOME CONCERNS OF  
THE SMALL BUSINESS IN METRICATION,  
AND RECOMMENDS THAT THE  
OWNER/MANAGER BE ALERT TO  
DEVELOPMENTS IN ORDER TO PLAN  
EFFECTIVELY FOR THE FUTURE. THE  
TEXT OF THE BOOKLET IS DERIVED FROM  
THE PUBLICATION "A METRIC AMERICA--  
A DECISION WHOSE TIME HAS COME," A  
REPORT TO THE CONGRESS ON THE  
FINDINGS OF A THREE-YEAR STUDY ON  
THE IMPACT THAT THE INCREASING  
WORLDWIDE USE OF THE METRIC SYSTEM  
HAS HAD ON THE UNITED STATES. A  
LIST OF PUBLICATIONS FOR FURTHER  
INFORMATION IS INCLUDED.  
(AUTHOR/RG)

VT 103 163

NEW YORK EDUCATORS AND THE METRIC  
SYSTEM: A SURVEY OF SELECTED  
SECONDARY AND POST-SECONDARY  
TEACHERS' USAGE, NEEDS, AND  
FEELINGS REGARDING METRIC  
MEASUREMENT.

STATE UNIV. OF NEW YORK, ALBANY.  
NEW YORK STATE EDUCATION DEPT.,  
ALBANY. BUREAU OF OCCUPATIONAL  
EDUCATION RESEARCH.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
BUREAU OF OCCUPATIONAL EDUCATION  
RESEARCH, NEW YORK STATE RESEARCH  
COORDINATING UNIT, NEW YORK STATE  
EDUCATION DEPT., ROOM 468 EBA.  
ALBANY, NY 12224.  
PUB DATE - OCT74 20P.

DESCRIPTORS - \*METRIC SYSTEM;  
\*VOCATIONAL EDUCATION TEACHERS;  
\*SURVEYS; \*TEACHER ATTITUDES  
IDENTIFIERS - NEW YORK

ABSTRACT - THE PURPOSES OF THIS  
INVESTIGATION WERE TO ASSAY THE  
PRESENT USE OF THE METRIC SYSTEM IN  
NEW YORK STATE SCHOOLS, TO  
DETERMINE THE EXTENT OF AND NEED  
FOR INSERVICE TEACHER TRAINING  
PROGRAMS, AND TO NOTE THE  
SENTIMENTS OF TEACHERS REGARDING  
THE NEED FOR METRIC EMPHASIS IN THE  
PARTICULAR DISCIPLINES. A TOTAL OF  
344 OCCUPATIONAL EDUCATION TEACHERS  
FROM SECONDARY AND POSTSECONDARY  
NEW YORK INSTITUTIONS RESPONDED TO  
THE QUESTIONNAIRE. ONLY 18 PERCENT  
OF THE SECONDARY AND 55 PERCENT OF  
THE POSTSECONDARY TEACHERS NOTED  
THAT THEIR STUDENTS ROUTINELY USE  
METRIC IN CLASS OR LABORATORY. A  
NEED OR DESIRE TO PARTICIPATE IN A  
METRIC WORKSHOP WAS EXPRESSED BY  
APPROXIMATELY THREE-QUARTERS OF THE  
HIGH SCHOOL TEACHERS AND  
POSTSECONDARY TEACHERS.  
APPROXIMATELY TWO-THIRDS OF ALL  
TEACHERS SURVEYED BELIEVE THAT  
EMPHASIS NOW NEEDS TO BE PLACED ON  
TEACHING THE METRIC SYSTEM IN THEIR  
PARTICULAR DISCIPLINE. THE MAJORITY  
OF TEACHERS WHOSE STUDENTS DO NOT  
ROUTINELY USE METRICS STATED THAT  
AN ATTEMPT TO STIMULATE AN  
AWARENESS OF THE METRIC CONCEPT IS  
MADE THROUGH THE USE OF VISUAL  
AIDS. BOTH GROUPS OF TEACHERS  
INDICATED THAT THE PRIMARY SOURCE  
OF INFLUENCE TO STIMULATE STUDENT  
UNDERSTANDING OF THE METRIC SYSTEM  
WAS GENERATED BY RELATED  
PROFESSIONAL ORGANIZATIONS. AS MANY  
INSTRUCTORS REQUESTED RESOURCE  
INFORMATION AND REFERENCE  
MATERIALS, THIS PUBLICATION  
INCLUDES SEVERAL BIBLIOGRAPHICAL  
REFERENCES TAKEN FROM MULTIPLE  
SOURCES AS A TEMPORARY AID.  
(AUTHOR/NJ)

VT 103 164

INDUSTRIAL EDUCATION IN MINNESOTA.  
A GUIDE FOR ELEMENTARY AND  
SECONDARY PROGRAM DEVELOPMENT.

MINNESOTA STATE DEPT. OF EDUCATION,  
ST. PAUL. DIV. OF VOCATIONAL AND  
TECHNICAL EDUCATION.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

STATE DEPARTMENT OF EDUCATION,  
DIVISION OF VOCATIONAL-TECHNICAL  
EDUCATION, 550 CEDAR STREET, ST.  
PAUL, MINNESOTA 55101.  
PUB DATE - NOV73 35P.;  
ILLUSTRATIVE MATERIALS MAY NOT  
REPRODUCE WELL.

DESCRIPTORS - \*GUIDELINES; \*STATE  
CURRICULUM GUIDES; PROGRAM  
DEVELOPMENT; \*ELEMENTARY SECONDARY  
EDUCATION; \*INDUSTRIAL EDUCATION  
IDENTIFIERS - MINNESOTA

ABSTRACT - THE BOOKLET HAS BEEN  
PREPARED TO ASSIST TEACHERS AND  
PUBLIC SCHOOL ADMINISTRATORS IN  
IMPROVING THE QUALITY OF INDUSTRIAL  
EDUCATION IN THE STATE BY PROVIDING  
A SUGGESTED STRUCTURE FOR  
CURRICULUM DEVELOPMENT. GUIDELINES  
ARE PRESENTED FOR IMPLEMENTATION OF  
PROGRAMS FOR ALL GRADE LEVELS K-12  
IN THE FOLLOWING BROAD INDUSTRIAL  
CLUSTERS: COMMUNICATION,  
CONSTRUCTION, ENERGY,  
MANUFACTURING, AND TRANSPORTATION.  
WITHIN EACH OF THESE CLUSTERS,  
MAJOR COMPONENTS ARE IDENTIFIED  
FROM WHICH COURSES OF STUDY MAY BE  
DEVELOPED IN ORDER TO BETTER MEET  
THE NEEDS OF STUDENTS. DRAWINGS AND  
PHOTOGRAPHS ILLUSTRATE THE TEXT.  
(RG)

VT 103 165

OMVIG, CLAYTON P.; AND OTHERS  
VOCATIONAL EDUCATION PROFESSIONAL  
PERSONNEL INFORMATION SURVEY.

KENTUCKY RESEARCH COORDINATING UNIT  
FOR VOCATIONAL EDUCATION,  
LEXINGTON.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - MAR72 104P.

DESCRIPTORS - \*PROFESSIONAL  
PERSONNEL; \*VOCATIONAL EDUCATION  
TEACHERS; SCHOOL SURVEYS; \*STATE  
SURVEYS; TABLES (DATA); DATA  
COLLECTION; \*PERSONNEL DATA;  
\*VOCATIONAL EDUCATION

ABSTRACT - THE SURVEY TO DETERMINE  
THE CURRENT PROFESSIONAL STATUS OF  
VOCATIONAL EDUCATION PERSONNEL IN  
KENTUCKY WAS CONDUCTED TO PROVIDE

AN INFORMATION BASE NECESSARY FOR  
STATE PLANNING OF VOCATIONAL  
EDUCATION PROFESSIONAL DEVELOPMENT  
PROGRAMS. DATA WERE COLLECTED IN  
FOUR CATEGORIES: (1) PERSONAL DATA,  
SUCH AS AGE AND SEX; (2) PRESENT  
STATUS, INCLUDING VOCATIONAL  
EDUCATION FIELD, TYPE OF AGENCY,  
AND TYPES OF STUDENTS SERVED; (3)  
BACKGROUND DATA RELATING TO FORMAL  
EDUCATION AND WORK EXPERIENCE; AND  
(4) TRAINING AREAS SELECTED AS  
BENEFICIAL IN IMPROVING JOB  
PERFORMANCE. SURVEY FINDINGS, BASED  
ON 2,525 RESPONDENTS, ARE PRESENTED  
IN A SERIES OF 81 TABLES WHICH  
COMPRISE MOST OF THIS DOCUMENT.  
BASED ON AN ANALYSIS OF THE DATA,  
CONCLUSIONS AND RECOMMENDATIONS ARE  
OFFERED FOR CONSIDERATION IN  
DEVELOPING PROFESSIONAL GROWTH  
PROGRAMS. APPENDED ARE THE SURVEY  
QUESTIONNAIRE AND COVER LETTER.  
(AUTHOR/RG)

VT 103 166

CHIRIKOS, THOMAS N.  
FORECASTING HEALTH MANPOWER  
REQUIREMENTS: AN APPRAISAL OF  
RECENT STATE-LEVEL EXPERIENCE.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR HUMAN RESOURCE RESEARCH.  
NATIONAL SCIENCE FOUNDATION,  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 75 34P.

DESCRIPTORS - \*HEALTH PERSONNEL;  
\*MANPOWER NEEDS; \*MANPOWER  
DEVELOPMENT; \*EMPLOYMENT  
PROJECTIONS

ABSTRACT - THIS PAPER EXAMINES SOME  
RECENT STATE-LEVEL HEALTH MANPOWER  
FORECASTS AND APPRAISES THEIR  
PERFORMANCE AS CRITERIA IN THE  
FORMULATION OF HEALTH MANPOWER  
POLICY AND PLANS. A REPRESENTATIVE  
CROSS-SECTION OF STATE-LEVEL  
PROJECTION STUDIES FOR THE PERIOD  
OF 1966-1973 FORMS THE BASIS OF  
THIS APPRAISAL. THE ANALYSIS  
SUGGESTS THAT THE CURRENT CAPACITY  
TO FORECAST HEALTH MANPOWER IS  
LIMITED BECAUSE PROJECTIONS OF  
REQUIRED PATTERNS OF MANPOWER

UTILIZATION FAIL TO ACCOUNT FOR INTERDEPENDENCE AMONG INPUT VARIABLES OR FOR CHANGES IN THE COMPOSITION OF SECTORAL OUTPUT AND ALSO BECAUSE THE PROJECTIONS RARELY INCLUDE AN ASSESSMENT OF THE COSTS AND BENEFITS ASSOCIATED WITH ACHIEVING MANPOWER GOALS. ONCE TARGETS HAVE BEEN SPECIFIED, FORECASTING STUDIES TEND CHARACTERISTICALLY TO OMIT IMPORTANT ANALYTIC COMPONENTS AND TO DELIMIT THE RANGE OF EFFECTIVE ALTERNATIVE POLICIES DESIGNED TO ACHIEVE BALANCE. THESE FACTORS CAST DOUBT ON THE CONCLUSIONS WHICH EMERGE FROM HEALTH MANPOWER PLANNING STUDIES AND THEREFORE ON THE WISDOM OF POLICY ACTIONS TAKEN IN REFERENCE TO THEM. CONCLUSIONS INDICATE THAT THE ESSENTIAL PLANNING TASK REMAINS ONE OF ANALYZING ALTERNATIVE POLICIES DESIGNED TO FULFILL TARGETS, AND THAT THE PRINCIPAL LIMITATION OF THE STUDIES REVIEWED HERE IS THEIR FAILURE TO CARRY OUT THIS TASK. (AUTHOR/NJ)

**VT 103 167**

KELLEY, S.C.; CHIRIKOS, THOMAS N. THE POLICY VALUE OF MANPOWER PLANNING IN THE UNITED STATES.

NATIONAL SCIENCE FOUNDATION, WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 26P.; PAPER PREPARED FOR THE "CONFERENCE ON MODELING AND SIMULATION IN ENGINEERING MANPOWER STUDIES," NATIONAL RESEARCH COUNCIL, NATIONAL ACADEMY OF SCIENCE (WASHINGTON, D.C., FEBRUARY 9, 1976).

DESCRIPTORS - \*MANPOWER NEEDS; \*EMPLOYMENT PROJECTIONS; \*MANPOWER DEVELOPMENT; STATE OF THE ART REVIEWS

ABSTRACT - THE OBJECTIVE OF THIS PAPER IS TO DISCUSS THE LIMITATIONS OF MANPOWER PLANNING ACTIVITY AS A SOURCE OF POLICY CRITERIA AND TO SUGGEST SOME DIRECTIONS FOR IMPROVING THE STATE OF THE ART. THE PAPER BEGINS WITH A GENERAL

DISCUSSION OF THE CONCEPTUAL AND INSTITUTIONAL REQUISITES OF MANPOWER PLANNING IN POLICY ANALYSIS AND FORMULATION. SECTION III EXTENDS THE DISCUSSION BY EXAMINING THE CURRENT STATE OF THE ART IN ESTIMATING FUTURE MANPOWER REQUIREMENTS AND THE EFFECTS OF CONCEPTUAL AND INSTITUTIONAL FACTORS ON KNOWLEDGE GENERATION AND POLICY ANALYSIS. IT ALSO EXAMINES THE EFFECTS OF THESE CONSTRAINTS ON ESTIMATIONS OF FUTURE MANPOWER SUPPLIES AND THE INTERACTION OF SUPPLY AND REQUIREMENTS. FINALLY, SECTION IV SUGGESTS SOME POSSIBLE MEANS FOR ENHANCING THE POLICY VALUE OF MANPOWER PLANNING. (AUTHOR/NJ)

**VT 103 168**

HOLLAND, JOHN L.; GOTTFREDSON, GARY D.

USING A TYPOLOGY OF PERSONS AND ENVIRONMENTS TO EXPLAIN CAREERS: SOME EXTENSIONS AND CLARIFICATIONS. REPORT NO. 204.

JOHNS HOPKINS UNIV., BALTIMORE, MD. CENTER FOR THE STUDY OF SOCIAL ORGANIZATION OF SCHOOLS. NATIONAL INST. OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
R-204  
PUB DATE - OCT75 52P.

DESCRIPTORS - \*VOCATIONAL DEVELOPMENT; \*CAREER PLANNING; \*THEORIES; \*OCCUPATIONAL GUIDANCE IDENTIFIERS - \*HOLLAND THEORY

ABSTRACT - THIS REPORT, PREPARED BY THE CAREERS PROGRAM OF THE CENTER FOR SOCIAL ORGANIZATION OF SCHOOLS, EXTENDS AND CLARIFIES HOLLAND'S THEORY OF CAREERS AND ITS APPLICATIONS TO CAREER GUIDANCE. ITS PURPOSES ARE TO SHOW MORE COMPLETELY HOW HOLLAND'S THEORY OF CAREERS CAN BE USED TO EXPLAIN COMMON CAREER PHENOMENA AND CONCEPTS, TO REPORT NEW INSIGHTS AND SUPPORTIVE DATA, TO RECTIFY SOME THEORETICAL MISUNDERSTANDINGS, AND TO SPELL OUT THE IMPLICATIONS OF THESE IDEAS FOR COUNSELING

PRACTICE AND VOCATIONAL INTERVENTIONS. THESE GOALS ARE INCORPORATED IN THE FOLLOWING SECTIONS: WHAT VOCATIONAL QUESTIONS REQUIRE EXPLANATION; HOW THE THEORY EXPLAINS; TYPOLOGICAL INTERPRETATIONS OR DEVELOPMENTAL CONCEPTS; EXTENDING THE TYPOLOGY TO THE LIFE SPAN; AND PRACTICAL IMPLICATIONS FOR VOCATIONAL ASSISTANCE. THIS ARTICLE WILL BE OF MOST BENEFIT TO READERS WHO HAVE AN UNDERSTANDING OF THE THEORY AND ITS ASSOCIATED CLASSIFICATION. (AUTHOR/NJ)

VT 103 169

HOKENSON, EARL; AND OTHERS  
INCENTIVES AND DISINCENTIVES IN THE  
WORK INCENTIVE PROGRAM. FINAL  
REPORT.

INTERSTUDY, MINNEAPOLIS, MINN.  
WELFARE POLICY DIV.  
EMPLOYMENT AND TRAINING  
ADMINISTRATION (DOL), WASHINGTON,  
D.C. OFFICE OF RESEARCH AND  
DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

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NATIONAL TECHNICAL INFORMATION  
SERVICE, U.S. DEPARTMENT OF  
COMMERCE, DEPARTMENT A,  
SPRINGFIELD, VIRGINIA 22151.  
PUB DATE - 15MAR76 278P.

DESCRIPTORS - \*VOCATIONAL FOLLOWUP;  
\*WELFARE RECIPIENTS; \*FEDERAL  
PROGRAMS; PROGRAM EFFECTIVENESS;  
EMPLOYMENT SERVICES; WORK  
ATTITUDES; \*INCENTIVE SYSTEMS; DATA  
ANALYSIS  
IDENTIFIERS - WORK INCENTIVE  
PROGRAM; WIN

ABSTRACT - THIS STUDY ADDRESSES THE  
QUESTION OF WHAT PERSONAL  
CHARACTERISTICS AND ATTITUDES AS  
WELL AS FEATURES OR COMPONENTS OF  
THE WORK INCENTIVE (WIN) PROGRAM  
ENCOURAGE OR DISCOURAGE EMPLOYMENT  
SUCCESS FOR WIN CLIENTS. DATA WERE  
OBTAINED THROUGH PERSONAL  
INTERVIEWS WITH OVER 800 FORMER AND  
CURRENT WIN PARTICIPANTS IN RAMSEY  
COUNTY (ST. PAUL), MINNESOTA. BASED

ON ANALYSIS OF FINDINGS, THE STUDY  
CONCLUDES THAT UNDERLYING BASIC  
CHARACTERISTICS OF INDIVIDUALS AND  
THEIR EXPERIENCE ARE BETTER  
INDICATORS OF EVENTUAL EMPLOYMENT  
SUCCESS THAN THE FACT OF  
PARTICIPATION IN PARTICULAR ASPECTS  
OF THE WIN PROGRAM. WITH THE  
EXCEPTION OF VOCATIONAL TRAINING,  
WHICH HAD A POSITIVE IMPACT,  
SPECIFIC WIN COMPONENTS HAD LITTLE  
SIGNIFICANT IMPACT ON EMPLOYMENT  
SUCCESS. HOWEVER, BEING EMPLOYED AT  
THE TERMINATION OF THE PROGRAM  
TENDS TO BREED SUCCESS AT A LATER  
TIME. RECOMMENDATIONS ARE PRESENTED  
FOR CLIENT SELECTION AND FOCUS OF  
THE PROGRAM. THE DOCUMENT CONTAINS  
A BRIEF SUMMARY OF THE PROJECT AND  
ITS FINDINGS, CONCLUSIONS, AND  
RECOMMENDATIONS FOR THE  
NONTECHNICAL READER AND A  
COMPREHENSIVE TECHNICAL TREATMENT  
OF THE STUDY DATA. THE DETAILED  
INFORMATION ON THE WIN PROGRAM,  
SURVEY METHODOLOGY AND RESULTS, AND  
ALL STATISTICAL TABLES ARE  
CONTAINED IN THE APPENDIX. (AUTHOR)

VT 103 170

BRICKELL, HENRY M.; AND OTHERS  
TAXONOMY AND PROFILES OF CAREER  
EDUCATION. VOLUME 1.

POLICY STUDIES IN EDUCATION, NEW  
YORK, N.Y.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

DEC-0-1821

PUB DATE - SEP74 146P.; RELATED  
DOCUMENTS VT 103 170 THROUGH VT 103  
173 IN THIS ISSUE.

DESCRIPTORS - \*TAXONOMY; \*CAREER  
EDUCATION; CLASSIFICATION; \*PROGRAM  
DESCRIPTIONS; \*EDUCATIONAL  
PROGRAMS; QUESTIONNAIRES; \*NATIONAL  
SURVEYS

ABSTRACT - VOLUME I OF THIS FOUR-  
VOLUME SERIES IS A REPORT OF A  
FIRST ATTEMPT TO DESCRIBE THE  
CAREER EDUCATION MOVEMENT IN THE  
U.S. BY DEVELOPING A TAXONOMY OF  
CAREER EDUCATION AND PROFILES OF A  
REPRESENTATIVE SAMPLE OF CAREER

EDUCATION PROGRAMS. THE TAXONOMY IS DESIGNED TO CHARACTERIZE, SUMMARIZE, AND GENERALIZE ABOUT THE CAREER EDUCATION MOVEMENT. VOLUME I DESCRIBES THE DEVELOPMENT OF THE TAXONOMY, HIGHLIGHTS FEATURES FOUND IN MANY PROJECTS, AND IDENTIFIES SIGNIFICANT PATTERNS OF ACTIVITY. SECTION I PRESENTS THE MAJOR TOPICS, DIMENSIONS, MEASURES, AND DESCRIPTORS OF THE TAXONOMY IN OUTLINE FORM. THE MAJOR TOPICS ARE SCHOOL DISTRICT, CAREER EDUCATION PROJECT, CAREER EDUCATION INSTRUCTIONAL PROGRAM, AND EVALUATION OF THE CAREER EDUCATION PROJECT AND SCHOOL INSTRUCTIONAL PROGRAM. IN SECTION II THE TAXONOMY IS APPLIED TO A REPRESENTATIVE SAMPLE OF PROJECTS. DATA COLLECTED VIA THE FIRST TWO INSTRUMENTS FROM 72 PROJECTS FORM THE BASIS FOR THE 68 CHARTS WHICH APPEAR IN THE SECTION. APPENDIX A CONSISTS OF AN EXCERPT FROM "CAREER EDUCATION: PROGRAMS AND PROGRESS," A 1974 OFFICE OF EDUCATION PUBLICATION WHICH REVIEWS THE PAST AND DESCRIBES THE PRESENT STATUS OF CAREER EDUCATION IN THE U.S. APPENDIX B (61 PAGES) CONSISTS OF THE THREE VERSIONS OF THE PROJECT DIRECTOR'S INTERVIEW GUIDE USED IN THE DATA COLLECTION. (NJ)

VT 103 171

BRICKELL, HENRY M.; AND OTHERS. TAXONOMY AND PROFILES OF CAREER EDUCATION. VOLUME II.

POLICY STUDIES IN EDUCATION, NEW YORK, N.Y.

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

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

DEC-0-1821

PUB DATE - SEP74 200P.; RELATED DOCUMENTS-VT 103 170 THROUGH VT 103 173 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*EDUCATIONAL PROGRAMS; \*NATIONAL SURVEYS; TAXONOMY; EDUCATIONAL ASSESSMENT

ABSTRACT - VOLUME II OF THIS FOUR-VOLUME SERIES PRESENTS AN

ALPHABETICAL LISTING OF CAREER EDUCATION PROJECTS FOR THE STATES ALABAMA THROUGH IOWA. RESULTING FROM 20 CAREER EDUCATION MINICONFERENCES HELD IN 1975 IN WHICH 250 CAREER EDUCATION PROJECTS TOOK PART, THIS SERIES REPRESENTS THE OUTCOME OF PARTICIPANT INTERVIEWS TO DEVELOP PROFILES OF THEIR PROJECTS, ANALYZE THE STATUS OF CAREER EDUCATION NATIONWIDE, AND PREPARE A TAXONOMY TO CHARACTERIZE AND GENERALIZE ABOUT THE CAREER EDUCATION MOVEMENT. THE PROFILES PROVIDE INFORMATION ABOUT THE SCHOOL DISTRICTS AND THE CAREER EDUCATION PROJECTS ALTHOUGH THEY DIFFER IN NARRATIVE TREATMENT AND THE SPECIFIC INFORMATION PROVIDED. ALL PROFILES HAVE A COMMON STATISTICAL SECTION. SOME SCHOOL DISTRICTS HAVE MORE THAN ONE PROJECT AND THUS ARE REPRESENTED BY MORE THAN ONE PROJECT DESCRIPTION. (NJ)

VT 103 172

BRICKELL, HENRY M.; AND OTHERS. TAXONOMY AND PROFILES OF CAREER EDUCATION. VOLUME III.

POLICY STUDIES IN EDUCATION, NEW YORK, N.Y.

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

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

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PUB DATE - SEP74 202P.; RELATED DOCUMENTS VT 103 170 THROUGH VT 103 173 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*EDUCATIONAL PROGRAMS; TAXONOMY; \*NATIONAL SURVEYS; EDUCATIONAL ASSESSMENT

ABSTRACT - VOLUME III OF THIS FOUR-VOLUME SERIES PRESENTS AN ALPHABETICAL LISTING OF PROFILES OF A SAMPLING OF CAREER EDUCATION PROJECTS FOR THE STATES KANSAS THROUGH NEW MEXICO. RESULTING FROM 20 CAREER EDUCATION MINICONFERENCES HELD IN 1975 IN WHICH 250 DIRECTORS AND TEACHERS REPRESENTING OVER 250 PROJECTS TOOK PART, THIS SERIES REPRESENTS THE OUTCOME OF

PARTICIPANT INTERVIEWS TO DEVELOP PROFILES OF THEIR PROJECTS, ANALYZE THE STATUS OF CAREER EDUCATION NATIONWIDE, AND PREPARE A TAXONOMY TO CHARACTERIZE AND GENERALIZE ABOUT THE CAREER EDUCATION MOVEMENT. THE PROFILES PROVIDE INFORMATION ABOUT THE SCHOOL DISTRICTS AND THE CAREER EDUCATION PROJECTS ALTHOUGH THEY DIFFER IN NARRATIVE TREATMENT AND IN THE SPECIFIC INFORMATION PROVIDED. ALL PROFILES HAVE A COMMON STATISTICAL SECTION. SOME SCHOOL DISTRICTS HAVE MORE THAN ONE PROJECT AND THUS ARE REPRESENTED BY MORE THAN ONE PROJECT DESCRIPTION. (NJ)

**VT 103 173**

BRICKELL, HENRY M.; AND OTHERS  
TAXONOMY AND PROFILES OF CAREER  
EDUCATION. VOLUME IV.

POLICY STUDIES IN EDUCATION, NEW  
YORK, N.Y.

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

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

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PUB DATE - SEP74 214P.; RELATED  
DOCUMENTS VT 103 170 THROUGH VT 103  
173 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PROGRAM DESCRIPTIONS; \*EDUCATIONAL  
PROGRAMS; TAXONOMY; \*NATIONAL  
SURVEYS; EDUCATIONAL ASSESSMENT

ABSTRACT - VOLUME IV OF THIS FOUR-  
VOLUME SERIES PRESENTS AN  
ALPHABETICAL LISTING OF PROFILES OF  
A SAMPLING OF CAREER EDUCATION  
PROJECTS FOR THE STATES OF NEW YORK  
THROUGH WYOMING. RESULTING FROM 20  
CAREER EDUCATION MINICONFERENCES  
HELD IN 1975 IN WHICH OVER 250  
DIRECTORS AND TEACHERS REPRESENTING  
250 PROJECTS TOOK PART, THIS SERIES  
REPRESENTS THE OUTCOME OF  
PARTICIPANT INTERVIEWS TO DEVELOP  
PROFILES OF THEIR PROJECTS, ANALYZE  
THE STATUS OF CAREER EDUCATION  
NATIONWIDE, AND PREPARE A TAXONOMY  
TO CHARACTERIZE AND GENERALIZE  
ABOUT THE CAREER EDUCATION  
MOVEMENT. THE PROFILES PROVIDE  
INFORMATION ABOUT THE SCHOOL

DISTRICTS AND THE CAREER EDUCATION  
PROJECTS ALTHOUGH THEY DIFFER IN  
NARRATIVE TREATMENT AND IN THE  
SPECIFIC INFORMATION PROVIDED. ALL  
PROFILES HAVE A COMMON STATISTICAL  
SECTION. SOME SCHOOL DISTRICTS HAVE  
MORE THAN ONE PROJECT AND THUS ARE  
REPRESENTED BY MORE THAN ONE  
PROJECT DESCRIPTION. (NJ)

**VT 103 174**

VENN, GRANT  
SEEKING AN ADMINISTRATIVE  
COMMITMENT TO INNOVATION.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
NATIONAL INST. OF EDUCATION (DHEW),  
WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.

NE-C-00-4-0012

PUB DATE - APR76 21P.; PAPER  
PRESENTED AT THE CAREER EDUCATION  
NATIONAL FORUM (2ND, WASHINGTON,  
D.C., FEBRUARY 1976).

DESCRIPTORS - \*CAREER EDUCATION;  
\*CHANGE STRATEGIES; \*ADMINISTRATOR  
ROLE; \*EDUCATIONAL INNOVATION;  
SPEECHES

ABSTRACT - THIS MONOGRAPH IS A  
PRESENTATION MADE AT THE SECOND  
CAREER EDUCATION NATIONAL FORUM IN  
WHICH THE ADMINISTRATOR ROLE IN  
CAREER EDUCATION IS DISCUSSED. THE  
IMPORTANCE OF AN ADMINISTRATIVE  
COMMITMENT TO CAREER EDUCATION AS A  
SPECIFIC AND DEFINABLE INNOVATION  
IS STRESSED. THE SPECIFIC POINTS OF  
UNDERSTANDING NECESSARY TO SECURE  
AN ADMINISTRATIVE COMMITMENT TO  
CAREER EDUCATION ARE PRESENTED AND  
THE COMPONENTS NECESSARY TO EFFECT  
CHANGE ARE EXAMINED. BASIC  
APPROACHES IN DESIGNING A STRATEGY  
TO SECURE THE COMMITMENT OF  
ADMINISTRATORS ARE SUGGESTED AND  
CHARACTERISTICS OF AN INSERVICE  
PROGRAM FOR LINE ADMINISTRATORS ARE  
OUTLINED. FINALLY, A STAFF  
DEVELOPMENT INSTITUTES PROGRAM FOR  
SCHOOL ADMINISTRATORS IN GEORGIA IS  
DESCRIBED. (NJ)

**VT 103 175**

LAMO, VINCENT P.

PROJECT CAREER/CAN (CAREER ANALYSIS NETWORK). RESEARCH AND DEVELOPMENT IN CAREER EDUCATION. FINAL REPORT.

MASSACHUSETTS STATE DEPT. OF EDUCATION, BOSTON. DIV. OF OCCUPATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-2967

PUB DATE - 15JAN75 71P.; RELATED DOCUMENTS VT 103 175 THROUGH VT 103 178 AND VT 103 038 AND VT 103 039 IN THIS ISSUE. PAGES 71 AND 72 CONTAINING COPYRIGHTED PERIODIC TABLES OF ELEMENTS WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*CAREER EDUCATION; \*INFORMATION SYSTEMS; \*OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; ELEMENTARY SECONDARY EDUCATION; \*PROGRAM DESCRIPTIONS; POST SECONDARY EDUCATION; \*DELIVERY SYSTEMS

IDENTIFIERS - \*PROJECT CAREER

ABSTRACT - PROJECT CAREER (COMPUTER ASSISTED RESEARCH FOR EDUCATIONAL RELEVANCE) IS A THREE-YEAR RESEARCH AND DEVELOPMENT PROJECT TO DEVELOP A PROGRAM OR SYSTEM TO FACILITATE THE ACQUISITION OF MARKETABLE SKILLS BY STUDENTS AT ALL EDUCATIONAL LEVELS. THE PROJECT WAS IMPLEMENTED IN THREE PILOT SCHOOL SYSTEMS IN MASSACHUSETTS. DESCRIBED IN THE REPORT ARE THE GOALS, OBJECTIVES, PROCEDURES, AND ACCOMPLISHMENTS OF CAN, THE CAREER ANALYSIS NETWORK, WHICH WAS OPERATIONAL THE LAST YEAR OF THE PROJECT. THE GOALS OF THIS COMPONENT WERE TO DEVELOP A COMPUTERIZED INFORMATION AND DELIVERY SYSTEM TO PROVIDE CAREER INFORMATION TO STUDENTS AND TEACHERS IN GRADES K-14. SPECIFICALLY THE THREE MAJOR OBJECTIVES WERE TO: (1) EXPAND THE DATA BASE BY COMPLETING THE ADDITION OF FOUR COLUMNS OF INFORMATION TO THE BASIC THREE-PART PROJECT CAREER BEHAVIORAL

OBJECTIVE, (2) DEVELOP A COMPUTER CAPABILITY FOR STORAGE AND RETRIEVAL, AND (3) PILOT TEST THE USE OF THE PRODUCT IN THE CLASSROOM. APPENDIXES (49 PAGES) INCLUDE THE FOUR-COLUMN DEVELOPMENT TRAINING PACKET, OBJECTIVES FOR PILOT TESTING, AND A SAMPLE LEARNING ACTIVITY PACKET. (AUTHOR/RG)

VT 103 176

PROJECT CAREER/CAN. FINAL EVALUATION REPORT.

NATIONAL EDUCATIONAL EVALUATION SERVICES, INC., CHESTNUT HILL, MASS.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-72-4651

PUB DATE - 30JUL74 110P.; RELATED DOCUMENTS VT 103 175 THROUGH VT 103 178 AND VT 103 038 AND VT 103 039 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*INFORMATION SYSTEMS; \*OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; ELEMENTARY SECONDARY EDUCATION; SUMMATIVE EVALUATION; \*PROGRAM EVALUATION; POST SECONDARY EDUCATION; DELIVERY SYSTEMS IDENTIFIERS - \*PROJECT CAREER

ABSTRACT - THE SUMMATIVE EVALUATION OF PROJECT CAREER/CAN PRESENTS A DESCRIPTION AND EVALUATION OF (1) THE DEVELOPMENT OF THE FOUR-COLUMN PROCESS WHICH COMPLETES THE BEHAVIORAL OBJECTIVE DATA BASE, (2) THE DEVELOPMENT OF THE COMPUTER RETRIEVAL CAPABILITY, AND (3) THE PILOT TESTING OF THE PRODUCT IN HIGH SCHOOL CLASSROOMS. INCLUDED IN THE REPORT IS A REVIEW OF THE COMPONENT IN TERMS OF PROJECT ADMINISTRATION AND PERSONNEL, ACHIEVEMENT OF STATED OBJECTIVES, AND COST EFFECTIVENESS. THE EVALUATORS CONCLUDED THAT THE PRODUCT IS ABOUT 90 PERCENT COMPLETE. THE DATA BANK OF FOUR-COLUMN OBJECTIVES FOR 116 OCCUPATIONS IS COMPLETE AND IS A

HIGHLY TRANSPORTABLE PRODUCT. COMPUTER RETRIEVAL CAPABILITY IS AVAILABLE FOR SEVERAL USEFUL CONFIGURATIONS OF DATA. ALTHOUGH THE PILOT TEST ESTABLISHED THE FEASIBILITY OF USING THIS PRODUCT IN THE CLASSROOM, IT WAS TOO LIMITED AND INEFFECTIVELY MONITORED TO PROVIDE MORE THAN RUDIMENTARY DATA FOR FURTHER PRODUCT DEVELOPMENT. APPENDED ARE A REPORT FROM A PILOT HIGH SCHOOL ON USE OF PROJECT CAREER LEARNING ACTIVITY PACKAGES, TEACHER SURVEY QUESTIONNAIRE, AND THE EDITOR'S MANUAL FOR FOU-P-COLUMN DEVELOPMENT. (AUTHOR/RG)

**VT 103 177**

LAMO, VINCENT P.  
PROJECT CAREER/GUIDANCE. RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. FINAL REPORT.

MASSACHUSETTS STATE DEPT. OF EDUCATION, BOSTON. DIV. OF OCCUPATIONAL EDUCATION. BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. OEG-0-72-4651

PUB DATE - 15JAN75 44P.; RELATED DOCUMENTS VT 103 175 THROUGH VT 103 178 AND VT 103 038 AND VT 103 039 IN THIS ISSUE.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*ELEMENTARY SECONDARY EDUCATION; \*OCCUPATIONAL INFORMATION; \*OCCUPATIONAL GUIDANCE IDENTIFIERS - \*PROJECT CAREER

ABSTRACT - PROJECT CAREER (COMPUTER ASSISTED RESEARCH FOR EDUCATIONAL RELEVANCE) IS A THREE-YEAR RESEARCH AND DEVELOPMENT PROJECT TO DEVELOP A PROGRAM OR SYSTEM TO FACILITATE THE ACQUISITION OF MARKETABLE SKILLS BY STUDENTS AT ALL EDUCATIONAL LEVELS. THE PROJECT WAS IMPLEMENTED IN THREE PILOT SCHOOL SYSTEMS IN MASSACHUSETTS. DOCUMENTED IN THE REPORT ARE THE GOALS, OBJECTIVES, ACTIVITIES, AND ACCOMPLISHMENTS OF THE GUIDANCE COMPONENT OF THE PROJECT. THE

PURPOSE OF THE GUIDANCE COMPONENT, OPERATIONAL FOR THE LAST TWO YEARS OF THE PROJECT, WAS TO DEVELOP A SERIES OF TRANSPORTABLE MODELS FOR ENHANCING CAREER AWARENESS, CAREER EXPLORATION, AND CAREER SKILL BUILDING AT THE ELEMENTARY, JUNIOR HIGH, AND SECONDARY GRADE LEVELS, RESPECTIVELY. THE PRODUCTS RESULTING FROM PROJECT EFFORTS INCLUDE A SYSTEM FOR PRESENTING CAREER INFORMATION IN CHART FORM (CAREERPROGRAMS) AND MANUALS FOR DEVELOPING THE CHARTS, FOR USING THE "DICTIONARY OF OCCUPATIONAL TITLES," AND FOR ESTABLISHING A CAREER INFORMATION CENTER. INCLUDED IN THE DOCUMENT ARE THE JOB DESCRIPTIONS OF PROJECT PERSONNEL AND A LIST OF BEHAVIORAL OBJECTIVES FOR THE THREE INSTRUCTIONAL LEVELS. (AUTHOR/RG)

**VT 103 178**

PROJECT CAREER/GUIDANCE. FINAL EVALUATION REPORT.

NATIONAL EDUCATIONAL EVALUATION SERVICES, INC., CHESTNUT HILL, MASS.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. OEG-0-72-4651

PUB DATE - 30JUL74 76P.; RELATED DOCUMENTS VT 103 175 THROUGH VT 103 178 AND VT 103 038 AND VT 103 039 IN THIS ISSUE.

DESCRIPTORS - SUMMATIVE EVALUATION; \*PROGRAM EVALUATION; \*CAREER EDUCATION; PROGRAM DESCRIPTIONS; \*ELEMENTARY SECONDARY EDUCATION; \*OCCUPATIONAL GUIDANCE; \*OCCUPATIONAL INFORMATION IDENTIFIERS - \*PROJECT CAREER

ABSTRACT - THE THIRD PARTY EVALUATION REPORT PRESENTS A REVIEW OF THE GUIDANCE COMPONENT OF PROJECT CAREER IN TERMS OF PROJECT PERSONNEL, ACHIEVEMENT OF STATED OBJECTIVES, ACCOMPLISHMENTS, INFORMATION DISSEMINATION, AND COST EFFECTIVENESS. INFORMATION GATHERING TECHNIQUES INCLUDED

INTERVIEWS WITH PROJECT, ONSITE, AND SURCONTRACTED PERSONNEL; QUESTIONNAIRE SURVEYS; REVIEW OF DOCUMENTS; VISITATIONS; CONSULTATION WITH OUTSIDE EXPERTS; AND PRODUCT EVALUATION. ACTIVITIES AT THE VARIOUS SCHOOLS WITHIN THE THREE PILOT SYSTEMS ARE DESCRIBED, PROVIDING AN OVERALL DESCRIPTION OF PROJECT IMPLEMENTATION. THE GUIDANCE COMPONENT WAS HANDICAPPED BY THE LACK OF COMPLETE DATA FROM THE PARENT PROJECT WITH WHICH TO IMPLEMENT THE GUIDANCE USE INTENDED BY THE PROJECT OBJECTIVES. DESPITE THIS LIMITATION, IT DID SUCCEED IN DEVELOPING AND IMPLEMENTING AT ALL LEVELS, ON A LIMITED SCALE, A NUMBER OF EXCELLENT MATERIALS AND ACTIVITIES THAT WERE RELEVANT TO THE PROJECT AND TO THE EVENTUAL AVAILABILITY OF THE PROJECT CAREER DATA BANK. APPENDED IS A LIST OF THE PROJECT CAREER/GUIDANCE PRESENTATIONS. (AUTHOR/RG)

**VT 103 179**

LECHT, LEONARD A.; AND OTHERS  
CHANGES IN OCCUPATIONAL CHARACTERISTICS IN THE NEXT DECADE: THEIR IMPLICATIONS FOR PLANNING IN VOCATIONAL EDUCATION. FINAL REPORT.

BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
DEG-C-74-1678  
PUB DATE - APR 76 233P.

DESCRIPTORS - \*EMPLOYMENT PROJECTIONS; \*EMPLOYMENT OPPORTUNITIES; \*NATIONAL SURVEYS; EMPLOYMENT STATISTICS; ENROLLMENT; \*OCCUPATIONAL SURVEYS; MANPOWER NEEDS; WORKING WOMEN; NEGROES; SALARIES; OCCUPATIONAL INFORMATION; \*EMPLOYMENT TRENDS

ABSTRACT - THE STUDY SEEKS TO EXPAND THE OCCUPATIONAL INFORMATION AVAILABLE TO EDUCATORS BY RELATING JOB OPENINGS DATA TO INFORMATION ABOUT THE EARNINGS OF PERSONS EMPLOYED IN DIFFERENT OCCUPATIONS, THEIR EDUCATIONAL ATTAINMENT, AND THE OPPORTUNITIES INDIVIDUAL FIELDS

ARE EXPECTED TO OFFER FOR WOMEN AND NONWHITES. THE DATA REFER TO 123 OCCUPATIONS INCLUDING THOSE RELATED TO ALL THE MAJOR FEDERALLY-SUPPORTED VOCATIONAL PROGRAMS. THE REPORT PRESENTS HISTORICAL DATA AND PROJECTIONS TO 1980 AND 1985 WHICH ARE CONSISTENT WITH THE U.S. DEPARTMENT OF LABOR'S ECONOMIC GROWTH MODEL. THE DATA BASE INCLUDES PUBLISHED AND UNPUBLISHED DECENNIAL CENSUS DATA, CURRENT POPULATION SURVEY REPORTS, AND OFFICE OF EDUCATION AND OTHER ENROLLMENT DATA. THE RESEARCH INDICATES THAT THE VOCATIONAL ENROLLMENTS TEND TO BE CONCENTRATED IN PROGRAMS RELATED TO OCCUPATIONS WITH MEDIAN EARNINGS BELOW THOSE OF THE OVERALL LABOR FORCE. THE OCCUPATIONAL DISTRIBUTION FOR WOMEN IS PROJECTED TO CHANGE SLOWLY IN THE NEXT DECADE WITH SOMEWHAT GREATER SHIFTS FOR NONWHITES. THE MAJOR CHANGES IN EDUCATIONAL ATTAINMENT ARE EXPECTED TO TAKE PLACE IN THE LESS SKILLED OCCUPATIONS. VOCATIONAL ENROLLMENTS HAVE BECOME MORE LABOR ORIENTED. APPENDIXES (121 PAGES) CONTAIN THE NATIONAL PROJECTIONS, REPLICABILITY OF THE NATIONAL PROJECTIONS FOR THE STATES OF KENTUCKY AND NEW JERSEY, AND THE STATISTICAL TABLES. (AUTHOR)

**VT 103 180**

ELKIN, ANNA  
THE EMERGING ROLE OF MATURE WOMEN. BASIC BACKGROUND DATA IN EMPLOYMENT AND CONTINUING EDUCATION. A SELECTED ANNOTATED BIBLIOGRAPHY PRIMARILY OF FREE AND INEXPENSIVE MATERIALS.

FEDERATION EMPLOYMENT AND GUIDANCE SERVICE, NEW YORK, N.Y.  
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
FEDERATION EMPLOYMENT AND GUIDANCE SERVICE, 215 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10003. (\$2.00 EA.)  
PUB DATE - MAR 76 26P.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*WORKING WOMEN; \*MIDDLE AGED; \*FEMALES; \*WOMENS EDUCATION; SEX DISCRIMINATION;

## EMPLOYMENT OPPORTUNITIES

ABSTRACT - COVERING THE TIME PERIOD FROM 1969-1975, THE ANNOTATED BIBLIOGRAPHY PRESENTS OVER 100 REFERENCES TO GOVERNMENT REPORTS, JOURNAL ARTICLES, AND OTHER MATERIALS RELATING TO WOMEN'S EDUCATIONAL OPPORTUNITIES, EMPLOYMENT, AND FACTORS AFFECTING VOCATIONAL ADJUSTMENT. THE EMPHASIS IS ON FREE AND INEXPENSIVE MATERIALS THAT MIGHT PROVE USEFUL TO THOSE SERVING THE MATURE WOMAN. THE ENTRIES ARE ARRANGED ALPHABETICALLY BY TITLE. THE INFORMATION FOR EACH ENTRY INCLUDES TITLE, AUTHOR, SOURCE, DATE, NUMBER OF PAGES, AVAILABILITY, AND A BRIEF DESCRIPTIVE ANNOTATION. (AUTHOR/RG)

## VT 103 181

SINCLAIR, ALAN  
RESEARCH AND DEVELOPMENT PROJECT IN CAREER EDUCATION. FINAL REPORT.

RHODE ISLAND STATE DEPT. OF EDUCATION, PROVIDENCE.  
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-72-1570

PUB DATE - SEP73 180P.; PORTIONS OF THIS DOCUMENT MAY NOT REPRODUCE WELL, BEST COPY AVAILABLE.

DESCRIPTORS - \*CAREER EDUCATION; RESEARCH PROJECTS; PROGRAM EVALUATION; \*EXPERIMENTAL PROGRAMS; \*INDIVIDUALIZED CURRICULUM; \*STUDENT CENTERED CURRICULUM; \*VOCATIONAL COUNSELING; TEACHER ROLE; OCCUPATIONAL CHOICE; DECISION MAKING SKILLS; ELEMENTARY SECONDARY EDUCATION; INSERVICE TEACHER EDUCATION  
IDENTIFIERS - EAST PROVIDENCE; RHODE ISLAND

ABSTRACT - THE EAST PROVIDENCE, RHODE ISLAND, CAREER EDUCATION PROJECT FROM APRIL 1, 1972 THROUGH JUNE 30, 1973 IS DESCRIBED IN THIS FINAL REPORT. INDIVIDUALIZED LEARNER-CENTERED, CAREER-ORIENTED PROGRAMS WERE STARTED AT ONE

ELEMENTARY SCHOOL, TWO JUNIOR HIGH SCHOOLS, AND THE SENIOR HIGH SCHOOL. CAREER DECISIONMAKING AND "CONTRACTUAL" LEARNING ARRANGEMENTS BASED ON THESE DECISIONS WERE THE BASIC METHOD OF STUDY. TEACHER ROLE BECAME ONE OF COUNSELOR AND EDUCATIONAL RESOURCE MANAGER. MORE THAN NINE THOUSAND CAREER-BASED ACTIVITIES WERE PRODUCED BY PROJECT TEACHERS IN MODIFYING THE CURRICULUM, WITH THE ACTIVITIES TIED TO BASIC SKILLS IN EACH SUBJECT AREA AND GRADE LEVEL. ASSUMPTIONS MADE IN THE PROJECT GOALS AND OBJECTIVES WERE THAT STUDENTS IN THE EXPERIMENTAL GROUP WOULD HAVE A MORE POSITIVE ATTITUDE TOWARD SCHOOL AND WORK, WOULD SHOW GREATER ABILITY IN MAKING CAREER DECISIONS, AND WOULD HAVE MORE KNOWLEDGE ABOUT CAREERS. HOWEVER, EVALUATION OF STUDENT ACHIEVEMENT IN A HIGHLY INDIVIDUALIZED PROGRAM OF CAREER EDUCATION REMAINED AN UNSOLVED PROBLEM. STAFF SELECTION AND TRAINING WERE ADJUDGED EXTREMELY IMPORTANT; PRACTICAL VOCATIONAL WORK EXPERIENCE FOR TEACHERS WAS RECOMMENDED. THE THIRD-PARTY EVALUATION REPORT BY THE NEW ENGLAND RESOURCE CENTER FOR OCCUPATIONAL EDUCATION, NEWTON, MASSACHUSETTS, COMPRISES MORE THAN ONE-HALF OF THE DOCUMENT. (AUTHOR/MF)

## VT 103 182

BANNER, SAM  
SIX EASTERN OREGON COUNTIES CAREER EDUCATION PROJECT (SIXCO) PHASE I. FINAL REPORT.

OREGON STATE DEPT. OF EDUCATION, SALEM.

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

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.

OEG-0-73-2986

PUB DATE - 30SEP74 54P.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*PROGRAM EVALUATION; \*ELEMENTARY SECONDARY EDUCATION; RURAL AREAS; \*CAREER EXPLORATION; DEVELOPMENTAL PROGRAMS; COMPREHENSIVE PROGRAMS

## IDENTIFIERS - OREGON

ABSTRACT - SPONSORED BY A CONSORTIUM OF SIX EASTERN OREGON COUNTIES, THE PROJECT GOAL WAS TO PROVIDE A COMPREHENSIVE CAREER EDUCATION PROGRAM FOR PUBLIC SCHOOL STUDENTS IN GRADES K-12 WITHIN THE SIX-COUNTY AREA. THE DOCUMENT CONTAINS A PROJECT SUMMARY, ADDENDUM TO THE ORIGINAL PROPOSAL, A THIRD PARTY EVALUATION REPORT, AND APPENDED MATERIALS FROM TWO OF THE SUBPROJECTS. DURING 1973-74, ACTIVITIES FOCUSED ON STAFF DEVELOPMENT PROGRAMS, PILOT PROJECTS, AND MATERIALS DEVELOPMENT. THE THIRD PARTY EVALUATION REPORT SUMMARIZES THE CURRENT STATUS OF THE VARIOUS SUBPROJECTS DEVELOPED WITHIN THE COUNTIES. EVALUATION TECHNIQUES INCLUDED A REVIEW OF DOCUMENTS AND MATERIALS DEVELOPED, SITE VISITS, INTERVIEWS, AND ANALYSIS OF DATA FROM INTERNAL EVALUATORS. THE EVALUATOR CONCLUDED THAT THE MAJORITY OF ADDENDUM GOALS HAVE BEEN ACHIEVED. THE APPENDED MATERIALS INCLUDE: (1) A PACKAGE COVERING ESSENTIAL SKILLS FOR A CLUSTER PROGRAM IN INDUSTRIAL MECHANICS, CONSTRUCTION, METALS, AND ELECTRICITY-ELECTRONICS AND (2) AN INTERNAL EVALUATION REPORT OF A CAREER EXPLORATION PROJECT AT DANVILLE. INCLUDED IN THE LATTER ARE COURSE OUTLINES FOR FOUR CAREER EXPLORATION COURSES: LAW ENFORCEMENT, FORESTRY, AND TWO GENERAL EXPLORATION COURSES. (RG)

VT 103 183

JONES, DONN D.  
OCCUPATIONAL EMPLOYMENT IN GEORGIA MANUFACTURING INDUSTRIES, 1974-1985.

GEORGIA STATE DEPT. OF LABOR,  
ATLANTA. EMPLOYMENT SECURITY  
AGENCY.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - APR76 151P.

DESCRIPTORS - \*EMPLOYMENT  
STATISTICS; \*EMPLOYMENT  
PROJECTIONS; \*STATE SURVEYS;

\*OCCUPATIONAL SURVEYS; TABLES  
(DATA); \*MANUFACTURING INDUSTRY;  
STATISTICAL SURVEYS; JOB MARKET;  
MANPOWER NEEDS  
IDENTIFIERS - GEORGIA

ABSTRACT - THE REPORT PRESENTS CURRENT OCCUPATIONAL EMPLOYMENT DATA FOR 1974 AND EMPLOYMENT PROJECTIONS FOR 1985 FOR A TOTAL OF 466 OCCUPATIONS IN 73 SELECTED MANUFACTURING INDUSTRIES IN GEORGIA. THE TABLES ARE ARRANGED IN 19 SECTIONS ACCORDING TO TYPE OF INDUSTRY; SUCH AS, FOOD PRODUCTS, TEXTILE MILL PRODUCTS, PRIMARY METAL INDUSTRIES, AND TRANSPORTATION EQUIPMENT. THE MAJOR INDUSTRY DIVISIONS WITHIN EACH SECTION ARE BRIEFLY DESCRIBED. FOR EACH OCCUPATION LISTED UNDER THE INDUSTRY DIVISION, THE OCCUPATIONAL CODE, ESTIMATED EMPLOYMENT AS OF JUNE 1974, AND PROJECTED 1985 EMPLOYMENT ARE PRESENTED. INFORMATION INCLUDES THE PERCENT OF RELATIVE ERROR AND PERCENT OF ESTABLISHMENTS REPORTING THAT OCCUPATION. EMPLOYMENT DATA WERE OBTAINED AS A RESULT OF A SURVEY OF A STRATIFIED RANDOM SAMPLE OF INDUSTRIES. APPENDED ARE THE SURVEY METHODOLOGY, PROCEDURES FOR DERIVING THE ESTIMATES AND PROJECTIONS, AND A BIBLIOGRAPHY. (RG)

VT 103 184

SCHROEDER, WAYNE E., COMP.  
TECHNICAL AND VOCATIONAL EDUCATION  
PLANNING. AN INTERNATIONAL  
ANNOTATED BIBLIOGRAPHY OF ERIC  
DOCUMENTS. BIBLIOGRAPHY SERIES NO.  
35.

OHIO STATE UNIV., COLUMBUS. CENTER  
FOR VOCATIONAL EDUCATION.  
BUREAU OF OCCUPATIONAL AND ADULT  
EDUCATION (DHEW/OE), WASHINGTON,  
D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - JUN76 74P.

DESCRIPTORS - \*ANNOTATED  
BIBLIOGRAPHIES; \*ABSTRACTS;  
\*VOCATIONAL EDUCATION; \*TECHNICAL  
EDUCATION; \*EDUCATIONAL PLANNING;

CURRICULUM DEVELOPMENT; POLICY  
FORMATION; EDUCATIONAL POLICY;  
STAFF IMPROVEMENT

ABSTRACT - PREPARED FOR THE INTERNATIONAL CONFERENCE ON TECHNICAL AND VOCATIONAL EDUCATION, DENVER, COLORADO, JUNE 1976, THE ANNOTATED BIBLIOGRAPHY PRESENTS OVER 160 RESUMES SELECTED FROM THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC). INTENDED AS A RESOURCE FOR TECHNICAL AND VOCATIONAL EDUCATION PLANNERS AND PRACTITIONERS FROM VARIOUS COUNTRIES, THE RESUMES ARE ORGANIZED TO REFLECT THE THREE CONFERENCE PROGRAM THEMES: POLICY FORMULATION AND PLANNING, CURRICULUM DEVELOPMENT, AND STAFF DEVELOPMENT. REFERENCES WERE SELECTED ON THE BASIS OF THEIR POTENTIAL FOR INTERNATIONAL APPLICATION AND WERE LIMITED TO MATERIALS THAT HAVE BEEN ENTERED INTO ERIC SINCE 1970. JOURNAL ARTICLES ARE NOT INCLUDED. THE RESUMES INCLUDE THE FOLLOWING INFORMATION: TITLE, AUTHOR(S), INSTITUTIONAL SOURCE, SPONSORING AGENCY, PUBLICATION DATE, NUMBER OF PAGES, AVAILABILITY, AND A DOCUMENT ABSTRACT. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM THE ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROXED REPRODUCTIONS. ORDERING INFORMATION FOR EDRS REPRODUCTIONS IS PROVIDED IN THE INTRODUCTORY SECTION. (AUTHOR/RG)

VT 103 185  
A COOPERATIVE EDUCATION PROGRAM  
MODEL FOR CHADRON STATE COLLEGE.

CHADRON STATE COLL., NEBR.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-74-1665  
PUB DATE - 30JAN76 33P.

DESCRIPTORS - \*COLLEGE PROGRAMS;  
\*COOPERATIVE PROGRAMS; \*WORK  
EXPERIENCE PROGRAMS; \*MODELS;  
HIGHER EDUCATION; PROGRAM

DESCRIPTIONS

ABSTRACT - THIS REPORT DESCRIBES THE MODEL OF A COOPERATIVE EDUCATION PROGRAM DEVELOPED BY CHADRON STATE COLLEGE, CHADRON, NEBRASKA. THE ESSENTIAL ELEMENTS IN THE OPERATION OF A COLLEGE STUDENT INTERNSHIP PROGRAM WHICH FOCUSES ON THE PROFESSIONAL TRAINING AND DEVELOPMENT OF STUDENTS ARE DESCRIBED. THE MODEL PROVIDES INFORMATION FOR STUDENTS, FACULTY MEMBERS, COLLEGE ADMINISTRATORS, AND COOPERATING EMPLOYERS. THE SECTIONS OF THE REPORT PRESENT THE POLICIES, GOALS, AND OBJECTIVES OF THE PROGRAM; THE FRAMEWORK OF THE MODEL; THE CALENDAR FOR STUDENT STUDY AND WORK PERIODS; STUDENT ENROLLMENT IN COOPERATIVE EDUCATION; EMPLOYER RELATIONS AND JOB DEVELOPMENT; THE PLACEMENT PROCESS; FACULTY, STUDENT, AND ADMINISTRATOR RESPONSIBILITIES; COLLEGE CREDITING; AND A SUMMARY OF PROCEDURAL STEPS. APPENDIXES INCLUDE AN APPLICATION FOR ADMISSION TO THE PROGRAM, A PERSONAL DATA RELEASE FORM, PERSONAL DATA SHEET, JOB DESCRIPTION, TRAINING AGREEMENT, VISITATION REPORT, STUDENT EVALUATION FORM, AND POSITION APPRAISAL FORM. (NJ)

VT 103 186  
TROUTMAN, JOHN E.  
A WORKSHOP RELATING TO THE  
APPLICATION OF SYSTEMS ANALYSIS  
TECHNIQUES TO VOCATIONAL-  
OCCUPATIONAL CURRICULA PLANNING  
(CARROLLTON, TEXAS, JULY 25 AND 26,  
1974). FINAL REPORT.

EAST TEXAS STATE UNIV., COMMERCE.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - 06AUG74 58P.

DESCRIPTORS - \*CURRICULUM PLANNING;  
\*COURSE ORGANIZATION; \*SYSTEMS  
ANALYSIS; EDUCATIONAL PROGRAMS;  
VOCATIONAL EDUCATION; CAREER  
EDUCATION; \*WORKSHOPS; PLANNING

MEETINGS; \*SCHOOL INDUSTRY  
RELATIONSHIP; JOB SKILLS; MANPOWER  
NEEDS  
IDENTIFIERS - TEXAS

ABSTRACT - THE OBJECTIVE,  
METHODOLOGIES, AND MAJOR TOPICS OF  
A WORKSHOP ON APPLICATION OF  
SYSTEMS ANALYSIS TECHNIQUES TO THE  
DEVELOPMENT OF VOCATIONAL EDUCATION  
PROGRAMS ARE REVIEWED BY THE  
WORKSHOP COORDINATOR. THE MOST  
IMPORTANT ELEMENT OF THE WORKSHOP  
WAS A NINE-PAGE "COURSE  
SPECIFICATION" FORM TO BE PREPARED  
FOR EACH VOCATIONAL COURSE OFFERED  
IN A SCHOOL. THE DEVELOPMENT OF  
SYSTEMS ANALYSIS TECHNIQUES, WITH  
APPLICATIONS TO EDUCATIONAL  
PROBLEMSOLVING, WAS TRACED. METHODS  
OF JOB AND TASK ANALYSIS FOR A  
MODULAR APPROACH WERE PRESENTED FOR  
A SERIES OF BASIC MODULES COMMON TO  
A NUMBER OF COURSES AND SUBJECT  
AREAS. DEVELOPMENT OF JOB SKILLS  
AND EMPLOYER LIAISON PROGRAMS WERE  
ALSO DISCUSSED. QUESTIONNAIRES HAD  
BEEN PREVIOUSLY SENT TO THE 46  
VOCATIONAL ADMINISTRATORS AND  
INSTRUCTORS INVITED TO THE WORKSHOP  
TO OBTAIN THEIR OPINIONS OF THEIR  
ROLE, AND THE 15 RESPONSES WERE  
SUMMARIZED. RECOMMENDATIONS  
INCLUDED ESTABLISHMENT OF AN  
ADVISORY COUNCIL FOR EACH SCHOOL  
DISTRICT, INTRODUCTION OF THE  
SYSTEMS APPROACH, AND USE OF THE  
COURSE DEVELOPMENT SPECIFICATIONS.  
(MF).

VT 103 187  
GUEMPLE, JOHN R.  
RESEARCH AND DEVELOPMENT PROJECTS  
IN CAREER EDUCATION. FINAL REPORT.

TEXAS EDUCATION AGENCY, AUSTIN.  
DEPT. OF OCCUPATIONAL EDUCATION AND  
TECHNOLOGY.  
BUREAU OF ADULT, VOCATIONAL, AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
OEG-0-72-072B  
PUB DATE - 01AUG73 325P.

DESCRIPTORS - \*CAREER EDUCATION;  
RESEARCH PROJECTS; SCHOOL

DISTRICTS; ELEMENTARY SECONDARY  
EDUCATION; \*CAREER AWARENESS;  
\*CAREER OPPORTUNITIES;  
\*OCCUPATIONAL GUIDANCE; STAFF  
UTILIZATION; \*PROGRAM EVALUATION;  
COMPARATIVE ANALYSIS  
IDENTIFIERS - \*TEXAS; FORT WORTH;  
HARLANDALE; HOUSTON

ABSTRACT - SUMMARIES OF THE CAREER  
EDUCATION PROJECTS IN THE THREE  
TEXAS SCHOOL DISTRICTS OF FORT  
WORTH, HARLANDALE, AND HOUSTON FROM  
JANUARY 1, 1972 THROUGH JULY 3,  
1973 ARE COMBINED IN THIS DOCUMENT.  
SIMILARITIES AND DIFFERENCES IN THE  
THREE DISTRICTS' PROJECTS ARE  
PRESENTED FOR THE ELEMENTARY,  
MIDDLE, AND HIGH SCHOOL LEVELS.  
CAREER GUIDANCE WAS EMPHASIZED IN  
ALL PROJECTS, WITH JOB PLACEMENT  
COMPONENTS AT THE HIGH SCHOOL  
LEVEL. RESULTS INDICATED AN OVERALL  
ACCEPTANCE OF CAREER EDUCATION AND  
GENERAL AGREEMENT THAT THE PROGRAMS  
HAD EXPANDED STUDENT AWARENESS OF  
CAREER OPPORTUNITIES; HOWEVER,  
THERE WAS SOME CONFUSION ABOUT  
SPECIFIC CAREER EDUCATION CONCEPTS  
IN ALL THREE GROUPS. QUESTIONNAIRES  
INDICATED A NEED FOR IMPROVED  
COMMUNICATION, FOR EXPANDED  
INSERVICE TRAINING, AND FOR MORE  
SYSTEMATIC EVALUATIVE PROCEDURES.  
LISTS OF MAJOR MATERIALS DEVELOPED  
IN EACH DISTRICT ARE APPENDED TO  
THE REPORT. EVALUATIONS OF THE  
PROJECTS BY THE CENTER FOR HUMAN  
RESOURCES OF THE UNIVERSITY OF  
HOUSTON COMPRISE TWO-THIRDS OF THE  
DOCUMENT. AS IN THE PROJECTS'  
REPORTS, DATA ARE PRESENTED FOR  
EACH DISTRICT AND THEN SUMMARY  
COMMENTS ARE MADE FOR ALL  
DISTRICTS. EVALUATION ACTIVITIES  
INCLUDED VISITS TO EACH  
PARTICIPATING SCHOOL AND INTERVIEWS  
WITH ADMINISTRATORS, COUNSELORS,  
AND TEACHERS. THE INTERVIEW FORMS  
AND RESPONSES ARE APPENDED TO THE  
EVALUATION REPORT. (MF)

VT 103 188  
DEVELOPMENT OF COOPERATIVE PLANNING  
FOR TECHNICAL-VOCATIONAL PROGRAMS.

RANGER JUNIOR COLL., TEX.; CISCO  
JUNIOR COLL., TEX.

TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND  
DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 36P.

DESCRIPTORS - \*SCHOOL SURVEYS;  
\*VOCATIONAL INTERESTS; \*EMPLOYMENT  
OPPORTUNITIES; RURAL AREAS;  
CURRICULUM PLANNING; JUNIOR  
COLLEGES; \*VOCATIONAL EDUCATION;  
\*TECHNICAL EDUCATION; HIGH SCHOOL  
STUDENTS

ABSTRACT - EXPANSION OF VOCATIONAL-  
TECHNICAL PROGRAMS IN CISCO AND  
RANGER JUNIOR COLLEGES WILL BE  
DETERMINED BY THE INTERESTS OF  
PROSPECTIVE STUDENTS AND LOCAL  
EMPLOYMENT OPPORTUNITIES. TO  
PROVIDE INPUT FOR COOPERATIVE  
CURRICULUM PLANNING, THE REPORT  
PRESENTS RESULTS OF A STUDENT  
SURVEY OF VOCATIONAL INTERESTS AND  
AN EMPLOYER SURVEY OF EMPLOYMENT  
OPPORTUNITIES. BOTH SURVEYS WERE  
SPONSORED BY THE TEXAS EDUCATION  
AGENCY IN A 13-COUNTY,  
PREDOMINANTLY RURAL AREA. A TOTAL  
OF 8,355 STUDENTS IN 51 HIGH  
SCHOOLS RESPONDED TO A  
QUESTIONNAIRE SURVEY OF  
OCCUPATIONAL PREFERENCE. AN  
EMPLOYER SURVEY TO DETERMINE THE  
EMPLOYMENT OPPORTUNITIES EXISTING  
FOR GRADUATES OF POSTSECONDARY  
VOCATIONAL-TECHNICAL PROGRAMS  
YIELDED 486 RESPONSES. OF THESE,  
413 INDICATED THAT THEY WOULD HIRE  
A GRADUATE OF A JUNIOR COLLEGE  
VOCATIONAL-TECHNICAL PROGRAM. THE  
SURVEY INSTRUMENTS AND RESULTS ARE  
APPENDED. (RG)

VT 103 189

ADAMS, AMBROSE D.  
JOB PLACEMENT SERVICES: AN OPEN  
DOOR TO OPPORTUNITIES.

PRAIRIE VIEW A AND M UNIV., TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DEPT. OF OCCUPATIONAL EDUCATION AND  
TECHNOLOGY.

MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 20P.

DESCRIPTORS - \*JOB PLACEMENT;  
\*SECONDARY EDUCATION; STAFF ROLE;  
PUBLIC SCHOOLS; \*GUIDES; GUIDELINES

ABSTRACT - THIS BROCHURE PROVIDES  
SOME VERY GENERAL INFORMATION ABOUT  
JOB PLACEMENT SERVICES FOR HIGH  
SCHOOL STUDENTS AND PRESENTS  
SUGGESTIVE MEASURES FOR  
IMPLEMENTATION. SEVERAL REASONS FOR  
UTILIZING PLACEMENT SERVICES IN  
PUBLIC SCHOOLS ARE OFFERED AS WELL  
AS SUGGESTIONS CONCERNING THE ROLES  
AND RESPONSIBILITIES OF THE  
PLACEMENT COORDINATOR AND OTHER  
PERSONNEL AND AGENCIES. OTHER  
TOPICS INCLUDE THE REQUISITES OF A  
SUCCESSFUL PROGRAM, RECORDKEEPING,  
AND SUGGESTED STEPS IN PROGRAM  
IMPLEMENTATION. SPECIFIC FUNCTIONS  
OF PERSONS CONCERNED WITH  
IMPLEMENTATION OF PLACEMENT  
SERVICES IN PUBLIC SCHOOLS ARE  
LISTED AND CHARTED. (NJ)

VT 103 190

LUKER, WILLIAM A.; AND OTHERS  
INTEGRATIVE MANPOWER-ECONOMIC  
EDUCATION: AN EXPERIMENT IN  
CURRICULAR CHANGE.

TEXAS EDUCATION AGENCY, AUSTIN.  
DEPT. OF OCCUPATIONAL EDUCATION AND  
TECHNOLOGY.; NORTH TEXAS STATE  
UNIV., DENTON. MANPOWER AND  
INDUSTRIAL RELATIONS INST.  
MF AND HC AVAILABILITY WILL BE  
ANNOUNCED IN VOL. 10, NO. 1.  
MANPOWER AND INDUSTRIAL RELATIONS  
INSTITUTE, N.T. BOX 13644, DENTON,  
TEXAS 76203. (\$2.00 EA.)  
PUB DATE - MAR74 77P.

DESCRIPTORS - \*CURRICULUM RESEARCH;  
\*CHANGING ATTITUDES; \*INFORMATION  
DISSEMINATION; \*INSERVICE TEACHER  
EDUCATION; VOCATIONAL EDUCATION;  
SECONDARY EDUCATION; \*LABOR  
ECONOMICS; STATISTICAL ANALYSIS;  
QUESTIONNAIRES; TEACHER SEMINARS

ABSTRACT - THE PURPOSE OF THIS  
STUDY WAS TO DETERMINE IF SECONDARY  
TEACHERS CAN BE MADE AGENTS OF  
MANPOWER-ECONOMIC INFORMATION  
DISSEMINATION AND ATTITUDINAL  
CHANGE. THE PROJECT WAS CONDUCTED  
IN FOUR PHASES: (1) A 20-HOUR

MANPOWER-ECONOMIC EDUCATION INSERVICE TEACHER SEMINAR, (2) FOUR FIVE-WEEK INSERVICE SEMINARS, (3) A SIX-WEEK SUMMER INSTITUTE, AND (4) A YEAR-LONG IMPLEMENTATION AND EVALUATION. FINDINGS INDICATED THAT PUPILS OF PARTICIPATING TEACHERS EXPERIENCED SIGNIFICANTLY GREATER INCREASES IN KNOWLEDGE OR UNDERSTANDING OF THE WORLD OF WORK AND IN POSITIVE ATTITUDES TOWARD NONPROFESSIONAL WORK MODES THAN PUPILS OF NONPARTICIPATING TEACHERS. FROM THESE FINDINGS IT WAS CONCLUDED THAT SECONDARY TEACHERS CAN BE TRANSFORMED INTO EFFECTIVE AGENTS OF MANPOWER-ECONOMIC INFORMATION DISSEMINATION AND ATTITUDE CHANGE AND THAT THE TASK CAN BE ACCOMPLISHED BY UTILIZING RELATIVELY SHORT, INEXPENSIVE TRAINING PROGRAMS. THE REPORT PRESENTS A DISCUSSION OF THE RELATED RESEARCH, DESCRIBES THE METHODOLOGY AND RESEARCH DESIGN, AND PRESENTS AN ANALYSIS OF THE DATA. APPENDIXES (54 PAGES) CONTAIN THE SEMINAR PROGRAM SUMMARY, PARTICIPANT LISTS, THE TEACHER ROSTER OF THE EVALUATION STUDY, THE PHASE IV OR EVALUATION STUDY VARIABLES, AND THE STUDY INSTRUMENTS. (NJ)

VT 103 191

THE DEVELOPMENT OF A MODEL FOR ESTABLISHING A NEW HEALTH CAREERS EDUCATION PROGRAM IN A COMMUNITY COLLEGE.

HOUSTON COMMUNITY COLL., TEX.  
TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - ND 55P.

DESCRIPTORS - \*MODELS; \*HEALTH OCCUPATIONS EDUCATION; \*PROGRAM DEVELOPMENT; \*PHYSICAL THERAPY AIDES; \*COMMUNITY COLLEGES; RESEARCH PROJECTS; POST SECONDARY EDUCATION

ABSTRACT - THE DEVELOPMENT OF A MODEL FOR ESTABLISHING A HEALTH CAREER EDUCATION PROGRAM IN A

COMMUNITY COLLEGE WAS THE GOAL OF THIS RESEARCH PROJECT. USING A PROPOSED PHYSICAL THERAPIST ASSISTANT PROGRAM AS A WORKING EXAMPLE, THE STAFF RESEARCHED DEVELOPMENTAL DYNAMICS FROM PROGRAM PROPOSAL THROUGH PROGRAM DEVELOPMENT AND ESTABLISHMENT. THE OPERATIONAL MODEL DEVELOPED IS PRESENTED GRAPHICALLY AND IN NARRATIVE IN THIS REPORT. MAJOR PROJECT ACCOMPLISHMENTS INCLUDED ARE THE IDENTIFICATION OF THE MULTIPLE COMPONENTS AND INTER-RELATIONSHIPS OF THE MODEL AND A DETAILED EXPLANATION OF THE PROCEDURES OF PROGRAM DEVELOPMENT. THE CONTENTS OF THE REPORT ALSO CONTAIN THE BACKGROUND AND IDENTIFICATION OF THE PROBLEM, PURPOSE AND OBJECTIVES OF THE PROJECT, METHODOLOGY, PROJECT RESULTS, AND RESULTS OF SPECIFIC ACTIVITIES. APPENDIXES CONSIST OF A REPORT OF A MEETING OF DIRECTORS OF PHYSICAL THERAPIST ASSISTANT PROGRAMS, A HEALTH CAREER INTEREST QUESTIONNAIRE, PHYSICAL THERAPY EQUIPMENT LIST, AND RESULTS OF A HOUSTON INDEPENDENT SCHOOL DISTRICT OCCUPATIONAL INTEREST SURVEY OF JUNIOR HIGH AND SENIOR HIGH SCHOOL STUDENTS. (NJ)

VT 103 192

GARRETT, ANN; HASTINGS, CHESTER R.  
TRAINING IN A SUMMER CAMP SETTING FOR PARAPROFESSIONALS WORKING WITH THE DEAF AND HARD OF HEARING.

TEXAS EDUCATION AGENCY, AUSTIN.  
DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1.  
PUB DATE - AUG74 52P.; RELATED DOCUMENT VT 103 193 IN THIS ISSUE. PAGES 51 THROUGH 53 CONTAINING NAMES OF CAMPERS WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*RESIDENT CAMP PROGRAMS; \*DEAF CHILDREN; HARD OF HEARING; \*SUMMER PROGRAMS; \*CAMP COUNSELORS; \*PARAPROFESSIONAL SCHOOL PERSONNEL; HIGHER EDUCATION; CREDIT COURSES; COURSE CONTENT

ABSTRACT - THE OBJECTIVE OF THE PROJECT WAS TO PROVIDE TRAINING EXPERIENCE FOR 40 PERSONS WORKING OR TRAINING TO WORK IN PARAPROFESSIONAL ROLES WITH THE DEAF AND HARD-OF-HEARING IN A CAMP SETTING DURING THE PERIOD JULY 22 TO AUGUST 10, 1974 AT CAMP LA JUNTA, HUNT, TEXAS. IN ADDITION TO THE 40 PARAPROFESSIONALS, THE PROJECT INVOLVED 150 DEAF AND 50 HEARING CHILDREN, A PART-TIME PROJECT DIRECTOR, CAMP PERSONNEL, AND OTHER PART-TIME INSTRUCTORS FURNISHED BY THE STATEWIDE PROJECT FOR THE DEAF AND BY MCLENNAN COMMUNITY COLLEGE. A SUMMER INSTITUTE IN LEADERSHIP TRAINING WAS ALSO HELD FOR 40 TO 50 PROFESSIONAL PERSONNEL NOT HOUSED AT THE CAMP BUT WHO OBSERVED AND WORKED WITH THE PARAPROFESSIONALS. THE PARAPROFESSIONALS WERE ENROLLED IN MCLENNAN COMMUNITY COLLEGE AND RECEIVED FOUR SEMESTER HOURS' CREDIT FOR THE THREE WEEKS OF TRAINING AND EXPERIENCE. FEES, MATERIALS, LODGING, AND MEALS WERE FURNISHED BY THE PROJECT AT NO COST TO THE PARTICIPANTS. THE FIRST WEEK CONSISTED OF PRE-CAMP INDOCTRINATION IN TRAINING AND EDUCATION FOR THE PARAPROFESSIONALS. THE NEXT TWO WEEKS PROVIDED SCHEDULED INSTRUCTION IN MEDIA, TOTAL COMMUNICATION, BEHAVIOR MODIFICATION, CHILD DEVELOPMENT, AND CAMPING. THE APPENDIXES (34 PAGES) CONTAIN SEGMENTS OF THE COURSE CONTENT AND A MATRIX OF ACTIVITIES. (MF)

**VT 103 193**

GARRETT, ANN; HASTINGS, CHESTER R. INTENSIVE TRAINING FOR TEACHER AIDES WORKING WITH HEARING IMPAIRED CHILDREN.

TEXAS EDUCATION AGENCY, AUSTIN. DIV. OF OCCUPATIONAL RESEARCH AND DEVELOPMENT.; MCLENNAN COMMUNITY COLL., WACO, TEX. OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - ND 42P.;

RELATED DOCUMENT VT 103 192 IN THIS ISSUE. PAGES 36 THROUGH 39 CONTAINING NAMES OF CAMPERS WERE REMOVED. THEY ARE NOT INCLUDED IN THE PAGINATION.

DESCRIPTORS - \*PROGRAM DESCRIPTIONS; \*RESIDENT CAMP PROGRAMS; \*TEACHER AIDES; CAMP COUNSELORS; SUMMER PROGRAMS; \*DEAF; \*DEAF CHILDREN; HARD OF HEARING

ABSTRACT - DESCRIBED IN THE REPORT IS THE FOURTH SUCCESSIVE SUMMER RESIDENT CAMP PROGRAM FOR TRAINING PARAPROFESSIONALS TO WORK WITH THE DEAF AND HARD OF HEARING. SPECIFIC OBJECTIVES OF THE PROGRAM WERE TO DEVELOP AND IMPLEMENT SHORT TERM INTENSIVE EXPERIENCES FOR PERSONS WORKING IN OR TRAINING FOR CAREERS IN PARAPROFESSIONAL ROLES WITH STUDENTS WHO ARE DEAF OR HARD OF HEARING AND TO PROVIDE A SETTING IN WHICH PERSONS CAN VIABLY EXPLORE THEIR INTEREST IN WORKING WITH HANDICAPPED AS A CAREER ROLE. ONE HUNDRED AND FIFTY DEAF CHILDREN, ALONG WITH 50 HEARING CHILDREN, RANGING IN AGES FROM 7-12, WERE PROVIDED A TWO-WEEK CAMPING EXPERIENCE DURING THE SUMMER OF 1975. EACH OF THE TWO GROUPS OF 32 TRAINEES SERVED AS RESIDENT CAMP COUNSELORS FOR FOUR WEEKS AND RECEIVED COLLEGE CREDIT FOR THEIR PARTICIPATION. AN EVALUATION OF THE PROGRAM AND SUGGESTIONS FOR FUTURE PROGRAMS ARE INCLUDED IN THE REPORT. APPENDIXES (22 PAGES) CONTAIN LISTS OF COUNSELORS, THE COUNSELOR ORIENTATION AGENDA, A PROFILE PROGRESS REPORT, SAMPLE ACTIVITIES MATRIX, AND SAMPLE OF TRAINING MATERIALS USED. (AUTHOR/RG)

**VT 103 194**

STATE OF TEXAS ANNUAL VOCATIONAL EDUCATION REPORT. FISCAL YEAR 1974.

TEXAS EDUCATION AGENCY, AUSTIN. DEPT. OF OCCUPATIONAL EDUCATION AND TECHNOLOGY. MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 10, NO. 1. PUB DATE - ND 66P.

DESCRIPTORS - ANNUAL REPORTS;  
 \*STATE DEPARTMENTS OF EDUCATION;  
 \*VOCATIONAL EDUCATION; EDUCATIONAL  
 PROGRAMS; \*STATE PROGRAMS;  
 EDUCATIONAL FINANCE; STUDENT  
 ENROLLMENT; SCHOOL PERSONNEL;  
 \*SCHOOL DEMOGRAPHY; \*SCHOOL  
 STATISTICS  
 IDENTIFIERS - \*TEXAS

ABSTRACT - THE TEXAS EDUCATION  
 AGENCY'S ANNUAL VOCATIONAL  
 EDUCATION REPORT FOR FISCAL YEAR  
 1974 PRESENTS NARRATIVE  
 DESCRIPTIONS OF THE EDUCATIONAL  
 PROGRAMS AND STATISTICS AND  
 FINANCIAL DATA ON FUNDS AND  
 EXPENDITURES, STAFF, ENROLLMENTS,  
 AND PROGRAM COMPLETIONS. REGULAR  
 PROGRAMS INCLUDE SECONDARY  
 VOCATIONAL, POSTSECONDARY, ADULT,  
 DISADVANTAGED, HANDICAPPED, AND  
 INDUSTRIAL ARTS EDUCATION. SPECIAL  
 PROGRAMS INCLUDE OCCUPATIONAL  
 RESEARCH AND DEVELOPMENT, EXEMPLARY  
 PROJECTS, CONSUMER AND HOMEMAKING  
 EDUCATION, AND COOPERATIVE AND  
 WORK-STUDY PROGRAMS. ALSO IN THE  
 NARRATIVE PORTION OF THE REPORT IS  
 INFORMATION ON VOCATIONAL YOUTH  
 ORGANIZATIONS AND THE TEXAS  
 ADVISORY COUNCIL'S EVALUATION OF  
 THE STATE PROGRAMS. THE COUNCIL  
 RECOMMENDATIONS, RESPONSES OF THE  
 STATE STAFF, AND THE ACTION TAKEN  
 BY THE STATE BOARD OF EDUCATION ARE  
 OUTLINED. RECOMMENDATIONS INCLUDE  
 REDIRECTION OF THE EDUCATION SYSTEM  
 AND IMPLEMENTATION OF CAREER  
 EDUCATION, ASPECTS OF FINANCING  
 VOCATIONAL-TECHNICAL EDUCATION,  
 SPECIAL GROUP NEEDS, AND GUIDANCE  
 SERVICES. (MF)

VT 103 195

STATE OF TEXAS VOCATIONAL EDUCATION  
 ANNUAL REPORT. FISCAL YEAR 1973.

TEXAS EDUCATION AGENCY, AUSTIN.  
 DEPT. OF OCCUPATIONAL EDUCATION AND  
 TECHNOLOGY.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - 73 147P.

DESCRIPTORS - ANNUAL REPORTS;  
 \*STATE DEPARTMENTS OF EDUCATION;  
 \*VOCATIONAL EDUCATION; EDUCATIONAL

PROGRAMS; \*STATE PROGRAMS;  
 EDUCATIONAL FINANCE; STUDENT  
 ENROLLMENT; SCHOOL PERSONNEL;  
 \*SCHOOL DEMOGRAPHY; \*SCHOOL  
 STATISTICS  
 IDENTIFIERS - \*TEXAS

ABSTRACT - THE TEXAS EDUCATION  
 AGENCY'S ANNUAL VOCATIONAL  
 EDUCATION REPORT FOR FISCAL YEAR  
 1973 PRESENTS NARRATIVE  
 DESCRIPTIONS OF THE EDUCATIONAL  
 PROGRAMS AND STATISTICAL AND  
 FINANCIAL DATA ON FUNDS AND  
 EXPENDITURES, STAFF, ENROLLMENTS,  
 AND PROGRAM COMPLETIONS. REGULAR  
 PROGRAMS INCLUDE SECONDARY  
 VOCATIONAL, POSTSECONDARY, ADULT,  
 DISADVANTAGED, AND HANDICAPPED  
 EDUCATION. SPECIAL PROGRAMS ARE FOR  
 OCCUPATIONAL RESEARCH AND  
 DEVELOPMENT, EXEMPLARY PROJECTS,  
 CONSUMER AND HOMEMAKING EDUCATION,  
 AND COOPERATIVE AND WORK-STUDY  
 PROGRAMS. ALSO IN THE NARRATIVE  
 PORTION OF THE REPORT IS  
 INFORMATION ON VOCATIONAL YOUTH  
 ORGANIZATIONS AND THE TEXAS  
 ADVISORY COUNCIL'S EVALUATION OF  
 THE STATE PROGRAMS. THE COUNCIL  
 RECOMMENDATIONS AND RESPONSES OF  
 THE STATE BOARD OF EDUCATION ARE  
 REPORTED UNDER 11 HEADINGS, AMONG  
 THEM REDIRECTION OF THE EDUCATION  
 SYSTEM AND CAREER EDUCATION  
 IMPLEMENTATION, SUPPLEMENTARY  
 DELIVERY SYSTEM FOR EDUCATIONAL  
 SERVICES, MANAGEMENT INFORMATION  
 SYSTEMS, GUIDANCE SERVICES,  
 PERSONNEL DEVELOPMENT, AND PUBLIC  
 SCHOOL OCCUPATIONAL PROGRAMS. (MF)

VT 103 196

AGAN, RAY  
 IMPLEMENTATION OF CAREER EDUCATION:  
 A WORKSHOP DRIVE-IN CONFERENCE.  
 FINAL REPORT.

TEXAS EDUCATION AGENCY, AUSTIN.;  
 SAM HOUSTON STATE UNIV.,  
 HUNTSVILLE, TEX.

MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - JUN72 13P.

DESCRIPTORS - \*WORKSHOPS;  
 DIFFUSION; \*CAREER EDUCATION;  
 ADMINISTRATIVE PERSONNEL;

\*ELEMENTARY SCHOOL CURRICULUM;  
 \*INTEGRATED CURRICULUM;  
 \*ADMINISTRATOR ATTITUDES; CHANGING  
 ATTITUDES  
 IDENTIFIERS - TEXAS

ABSTRACT - THE PROJECT REPORTED WAS UNDERTAKEN TO DETERMINE WHETHER A SERIES OF ONE-DAY DRIVE-IN WORKSHOPS FOR ELEMENTARY SCHOOL ADMINISTRATORS AND CURRICULUM DIRECTORS WOULD RESULT IN MORE RAPID INCORPORATION OF CAREER EDUCATION INTO THE ELEMENTARY LEVEL CURRICULUM. THREE WORKSHOPS WERE HELD FOR THREE CLUSTERS OF 50 ELEMENTARY SCHOOLS WHICH HAD NOT INCORPORATED CAREER EDUCATION INTO THEIR CURRICULUMS. WORKSHOP COMPONENTS INCLUDE MEETINGS, DISCUSSION GROUPS, AND REPORTS ON PARTICIPANTS' CAREER EDUCATION IMPLEMENTATION PLANS FOR THEIR SCHOOLS. FIFTEEN CAREER EDUCATION TEACHERS SERVED AS CONSULTANTS TO THE PROJECT, TELLING ABOUT SUCCESSFUL METHODS THEY HAD USED. SURVEYS OF WORKSHOP PARTICIPANTS INDICATED A SHIFT IN ATTITUDE, WITH 68 PERCENT OF THE RESPONDENTS PLANNING AN INCREASE IN THE USE OF CAREER EDUCATION IN THEIR CURRICULUMS. MORE CAREER EDUCATION IN PRESCHOOL TEACHER WORKSHOPS WAS ALSO PLANNED BY 75 PERCENT, AND 86 PERCENT OF THE RESPONDENTS INDICATED PLANNING TO ENCOURAGE TEACHERS TO USE CAREER EDUCATION. HOWEVER, THE ADMINISTRATORS DID NOT FAVOR USING CAREER EDUCATION AS A BASE FOR SALARY INCREASES AND PROMOTIONS. A FOLLOWUP SURVEY OF PLAN IMPLEMENTATIONS AND AN ADDITIONAL SERIES OF WORKSHOPS WERE RECOMMENDED. (MF)

VT 103 197  
 INDUSTRIAL ENGINEERING TECHNOLOGY  
 EXEMPLARY PROGRAM. FINAL REPORT.

MORAIN VALLEY COMMUNITY COLL.,  
 PALOS HILLS, ILL.  
 MF AND HC AVAILABILITY WILL BE  
 ANNOUNCED IN VOL. 10, NO. 1.  
 PUB DATE - SEP74 66P.; RELATED  
 DOCUMENTS VT 103 042 THROUGH VT 103  
 047 IN THIS ISSUE. PAGE 67 THROUGH  
 157 CONTAINING COMPUTER PRINTOUTS

ARE NON-REPRODUCIBLE AND WERE  
 REMOVED. THEY ARE NOT INCLUDED IN  
 THE PAGINATION.

DESCRIPTORS - POST SECONDARY  
 EDUCATION; \*COMMUNITY COLLEGES;  
 PROGRAM DESCRIPTIONS; PROGRAM  
 EVALUATION; \*DEMONSTRATION  
 PROGRAMS; \*INDUSTRIAL EDUCATION;  
 \*PERFORMANCE BASED EDUCATION;  
 EXPERIMENTAL PROGRAMS; INDEPENDENT  
 STUDY; INDIVIDUAL INSTRUCTION;  
 MULTIMEDIA INSTRUCTION; \*INTEGRATED  
 CURRICULUM

ABSTRACT - DESCRIBED IN THE REPORT  
 ARE THE DEVELOPMENT,  
 IMPLEMENTATION, AND EVALUATION OF  
 AN EXPERIMENTAL TWO-YEAR ASSOCIATE  
 DEGREE PROGRAM IN INDUSTRIAL  
 ENGINEERING TECHNOLOGY. AN ADVISORY  
 COMMITTEE OF INDUSTRIAL ENGINEERS  
 ASSISTED IN CURRICULUM DEVELOPMENT.  
 INSTEAD OF COURSES, THE PROGRAM IS  
 BASED ON MEASURABLE BEHAVIORAL  
 OBJECTIVES DERIVED FROM AN ANALYSIS  
 OF OCCUPATIONAL TASKS AND ORGANIZED  
 INTO MODULES. BY COMPLETING A  
 COMBINATION OF THREE OR MORE  
 MODULES, THE STUDENT MAY EXIT TO AN  
 ENTRY-LEVEL JOB IN INDUSTRY. THE  
 SEVEN MODULES DEVELOPED ARE:  
 ORIENTATION, THE INDUSTRIAL  
 ENVIRONMENT, METHODS STUDY,  
 PRODUCTION PLANNING, FACILITIES  
 PLANNING, INDUSTRIAL RELATIONS, AND  
 ADVANCED TOPICS. THE SELF-PACING,  
 INDEPENDENT STUDY PROGRAM UTILIZES  
 A COMPUTERIZED RECORD STORAGE AND  
 RETRIEVAL SYSTEM, TUTORIAL  
 ASSISTANCE AS REQUIRED, AND  
 MULTIMEDIA INSTRUCTIONAL MATERIALS.  
 FIRST IMPLEMENTED IN 1972 WITH 45  
 STUDENTS, ENROLLMENT INCREASED TO  
 68 STUDENTS AS OF MAY 1974.  
 STUDENTS, STAFF, AND THE ADVISORY  
 COMMITTEE EVALUATED THE PROGRAM.  
 INCLUDED IN THE REPORT ARE THE  
 STUDENT SURVEY RESULTS, STAFF  
 ASSESSMENT IN TERMS OF STATED  
 GOALS, AND FINDINGS OF THE  
 INDIVIDUAL ADVISORY COMMITTEE  
 MEMBERS. ALSO INCLUDED ARE THE  
 COMPUTER PROGRAMS DEVELOPED FOR  
 RECORD STORAGE. (RG)

VT 103 198  
 MARSHAL, ADRIANNE; AND OTHERS

**SALARIES OF ENGINEERING TECHNICIANS  
AND TECHNOLOGISTS. DETAILED  
INDUSTRY REPORT 1975.**

ENGINEERS JOINT COUNCIL, NEW YORK,  
N.Y. ENGINEERING MANPOWER  
COMMISSION.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
ENGINEERING MANPOWER COMMISSION OF  
ENGINEERS JOINT COUNCIL, 345 EAST  
47TH STREET, NEW YORK, NEW YORK  
10017. (ORDER NO. 304-75, \$60.00  
EA.)

PUB DATE - FEB 76 130P.

DESCRIPTORS - \*WAGES; \*SALARIES;  
\*OCCUPATIONAL SURVEYS; \*ENGINEERING  
TECHNICIANS; \*NATIONAL SURVEYS

ABSTRACT - THE SURVEY IS THE FIFTH  
IN A SERIES COVERING THE SALARIES  
OF THREE GROUPS OF PERSONNEL UNDER  
THE GENERAL CATEGORY OF ENGINEERING  
TECHNICIANS: GRADUATES OF TWO-YEAR  
COLLEGE LEVEL PROGRAMS LEADING TO  
AN ASSOCIATE DEGREE IN TECHNOLOGY,  
NONGRADUATES QUALIFIED TO PERFORM  
THE SAME KIND OF WORK ON THE BASIS  
OF EQUIVALENT EDUCATION AND  
EXPERIENCE, AND GRADUATES OF FOUR-  
YEAR BACHELOR OR TECHNOLOGY  
PROGRAMS. THE BASIC FORMAT FOR THE  
SALARY PRESENTATIONS ARE MATURITY  
CURVES IN WHICH THE SALARY IS  
PLOTTED AS A FUNCTION OF YEARS OF  
EXPERIENCE. EACH SET OF CURVES IS  
DEFINED ACCORDING TO THE INDUSTRY  
GROUP, DEGREE LEVEL, OR  
GEOGRAPHICAL REGION COVERED. THE  
SALARY DATA IS BASED ON RESULTS OF  
A QUESTIONNAIRE SURVEY OF 630  
EMPLOYERS IN MANUFACTURING  
INDUSTRIES, NONMANUFACTURING  
INDUSTRIES, GOVERNMENT, AND  
EDUCATIONAL INSTITUTIONS. THE  
EMPLOYERS INDICATED THE NUMBER OF  
INDIVIDUALS IN APPROPRIATE BOXES OF  
A SALARY VERSUS EXPERIENCE MATRIX.  
APPENDED TO THE REPORT ARE THE  
MATRIX TABLES FOR ALL RESPONDENTS,  
LIST OF SURVEY PARTICIPANTS, SAMPLE  
QUESTIONNAIRE, AND BLANK CHARTS.  
(AUTHOR)

VT 103 199  
PERICA, LOU, ED.  
METRIC CONVERSION IN ENGINEERING  
AND MANUFACTURING.

AMERICAN NATIONAL METRIC COUNCIL,  
WASHINGTON, D.C.; NATIONAL BUREAU  
OF STANDARDS (DOC), WASHINGTON,  
D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
AMERICAN NATIONAL METRIC COUNCIL,  
1625 MASSACHUSETTS AVENUE, N.W.,  
WASHINGTON, D.C. 20036. (ORDER NO.  
ANMC-74-1, \$10.00 EA., PAPER, \$7.50  
EA. FOR AMNC SUBSCRIBERS.)  
PUB DATE - SEP 74 138P.

DESCRIPTORS - \*METRIC SYSTEM;  
\*ENGINEERING; \*MANUFACTURING;  
\*POLICY FORMATION; CONFERENCE  
REPORTS; MEETINGS; STANDARDS

ABSTRACT - A TWO-DAY MEETING ON  
METRIC CONVERSION AS IT RELATES TO  
ENGINEERING AND MANUFACTURING  
PRACTICES WAS CO-HOSTED BY THE  
AMERICAN NATIONAL METRIC COUNCIL  
AND THE NATIONAL BUREAU OF  
STANDARDS IN DECEMBER OF 1973.  
ATTENDING WERE REPRESENTATIVES FROM  
15 LEADING COMPANIES. THE BODY OF  
THE REPORT, 12 PAGES, IS AN EDITED  
TRANSCRIPT OF DISCUSSIONS  
CONCERNING METRIC CONVERSION  
PHILOSOPHY. THE DISCUSSION TOPICS  
INCLUDE: DUAL DIMENSIONING,  
ROUNDING METHODS, USE OF THE  
COMPUTER, TIMING, VENDOR INTERFACE,  
AND STANDARDS. POLICY STATEMENTS,  
PROGRAMS, AND RELATED CONVERSION  
MATERIALS SUPPLIED BY EACH OF THE  
PARTICIPATING COMPANIES ARE  
CONTAINED IN THE APPENDIX. ALSO  
APPENDED IS A SUMMARY LIST OF  
COMPUTER PROGRAM CHARACTERISTICS.  
(AUTHOR/RG)

VT 103 200  
SMITH, ROBERT STEWART.  
THE OCCUPATIONAL SAFETY AND HEALTH  
ACT. ITS GOALS AND ITS  
ACHIEVEMENTS.

AMERICAN ENTERPRISE INST. FOR  
PUBLIC POLICY RESEARCH, WASHINGTON,  
D.C.

DOCUMENT NOT AVAILABLE IN MF OR HC.  
AMERICAN ENTERPRISE INSTITUTE FOR  
PUBLIC POLICY RESEARCH, 1150  
SEVENTEENTH STREET, N.W.,  
WASHINGTON, D.C. 20036. (\$3.00 EA.)  
PUB DATE - JAN 76 114P.

DESCRIPTORS - \*FEDERAL LEGISLATION;  
\*STANDARDS; \*SAFETY; \*ACCIDENT  
PREVENTION; \*PROGRAM EVALUATION  
IDENTIFIERS - OCCUPATIONAL SAFETY  
AND HEALTH ACT OF 1970

ABSTRACT - THE EVALUATION STUDY ARGUES THAT THE SAFETY AND HEALTH MANDATE OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA) IS INCONSISTENT WITH THE PROMOTION OF THE GENERAL WELFARE, AND THAT THE GOVERNMENT SHOULD NOT FORCE ON WORKERS MORE SAFETY AND HEALTH THAN THEY WOULD CHOOSE FOR THEMSELVES IF THEY HAD TO PAY THE COSTS DIRECTLY. A LESS COSTLY AND MORE EFFECTIVE WAY TO REDUCE WORK INJURIES WOULD BE TO REPEAL ALL SAFETY STANDARDS AND INSTEAD TO FINE EMPLOYERS FOR EVERY INJURY TO THEIR WORKERS. THE CHARACTERISTICS OF OCCUPATIONAL DISEASE DO, HOWEVER, REQUIRE THE APPLICATION OF HEALTH STANDARDS. A SOCIALLY DEFENSIBLE GOAL FOR THE ACT IS SET FORTH, ALONG WITH A SET OF GUIDELINES AND TOOLS FOR ANALYZING POLICY CHOICES IN THE SAFETY AND HEALTH AREA. THE STUDY APPLIES COST BENEFIT ANALYSIS TO THE OSHA NOISE STANDARD, EVALUATES THE POTENTIAL AND ACTUAL EFFECTS OF OSHA ON WORK INJURY RATES, AND RECOMMENDS SPECIFIC CHANGES IN THE FEDERAL JOB SAFETY AND HEALTH PROGRAM. THREE APPENDIXES DEAL WITH TECHNICAL ASPECTS OF THE ARGUMENTS DEVELOPED IN THE STUDY. (AUTHOR/RG)

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A PROGRAM FOR ACCOUNTING AND RELATED OCCUPATIONS. BULLETIN 5. BUSINESS AND OFFICE EDUCATION.	
<u>ACTIVITY UNITS</u>	
VT 102 423	11
EXPLORATIONS. PART I, REVISED. CAREER ACTIVITIES FOR ADULT EDUCATION CLASSES.	
<u>ADMINISTRATOR EDUCATION</u>	
VT 102 535	60
EDUCATIONAL ADMINISTRATION PROGRAM FOR LOCAL ADMINISTRATORS. FINAL STATUS REPORT.	

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VT 103 006	787	<u>ADMINISTRATOR EDUCATION</u>	
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TRADE AND INDUSTRIAL EDUCATION: INSTRUCTIONAL MATERIALS FROM ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION, 1972-1975.		OCCUPATIONAL EDUCATION, VOCATIONAL EDUCATION, CAREER EDUCATION. THE ISSUES AND ALTERNATIVES FOR CHIEF STATE SCHOOL OFFICERS: DIALOGUES WITH CHIEF STATE SCHOOL OFFICERS. CAREER AND VOCATIONAL EDUCATION PROFESSIONAL DEVELOPMENT SERIES NO. 12.	
VT 103 018	794	VT 103 174	875
INDUSTRIAL ARTS EDUCATION: INSTRUCTIONAL MATERIALS FROM ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION, 1972-1975.		SEEKING AN ADMINISTRATIVE COMMITMENT TO INNOVATION.	
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TECHNICAL AND VOCATIONAL EDUCATION PLANNING. AN INTERNATIONAL ANNOTATED BIBLIOGRAPHY OF ERIC DOCUMENTS. BIBLIOGRAPHY SERIES NO. 35.		VT 103 079	824
<u>ACCIDENT PREVENTION</u>		A SPECIAL PROJECT DESIGNED TO OFFER OCCUPATIONAL INFORMATION TO ADULTS IN ABE CLASSES AND TO RESEARCH THE PERFORMANCES OF THOSE ADULTS WHO TOOK ADVANTAGE OF OPPORTUNITIES FOR FURTHER TRAINING.	
VT 103 200	888	<u>ADULT EDUCATION</u>	
THE OCCUPATIONAL SAFETY AND HEALTH ACT. ITS GOALS AND ITS ACHIEVEMENTS.		VT 103 078	823
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VT 103 080	824	A SOCIAL LEARNING THEORY OF CAREER DECISION MAKING. FINAL REPORT.	
EVALUATION OF VOCATIONAL EDUCATION IN NORTH DAKOTA. SIXTH ANNUAL REPORT, 1975.		VT 103 180	878
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NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION. SIXTH ANNUAL REPORT 1975.		VT 103 184	880
<u>AFRIKAANS</u>		TECHNICAL AND VOCATIONAL EDUCATION PLANNING. AN INTERNATIONAL ANNOTATED BIBLIOGRAPHY OF ERIC DOCUMENTS. BIBLIOGRAPHY SERIES NO. 35.	
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VT 103 076	822	<u>APTITUDE TESTS</u>	
PROCEEDINGS OF THE ANNUAL SOUTHERN REGION RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION (24TH, OKLAHOMA STATE UNIVERSITY, JULY 29-31, 1975).		VT 103 113	843
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VT 103 135	855	<u>ARIZONA</u>	
ALABAMA ADVISORY COUNCIL ON VOCATIONAL EDUCATION. EVALUATION REPORT. EVALUATION SERIES REPORT NO. 1.		VT 103 121	847
VT 103 136	855	ARIZONA MANPOWER PROJECTIONS TO 1981.	
MANPOWER DEMAND BY CENSUS: OCCUPATIONAL CLASSIFICATION FOR ALABAMA. INFORMATION SERIES REPORT NO. 1.		VT 103 122	848
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VTP 2496

Title: Broadening Occupational Aspirations and Opportunities for Youth.

Principal Investigator: Ernest Rush

Recipient Institution: Little Rock School District of Pulaski County,  
West Markham and IZard Streets, Little Rock, Arkansas 72201

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$18,669.15

Supporting Agency: Arkansas State Department of Education, Little Rock,  
Arkansas 72201

Contract and/or Control No: No data

Summary of Project: The objectives of this projected three-year program are to: (1) promote student enrollment in the Metropolitan Vocational-Technical Education Center (MVTEC) programs, (2) establish a model for student recruitment procedures for use by other area vocational secondary schools, (3) provide job placement counseling to students enrolled in vocational training programs, and (4) assist in job placement for disadvantaged students who are prospective dropouts. The project will provide for the employment of a vocational recruitment specialist who will develop and implement a student recruitment program for MVTEC. This specialist will: (1) present information about the Metropolitan Vocational-Technical program to secondary school students in Little Rock and in other participating school districts; (2) meet with school principals, counselors, teachers, parents, and appropriate community groups to explain the vocational-technical education program and to obtain their support; (3) initiate newspaper and television publicity regarding MVTEC activities; (4) serve as a liaison between the MVTEC Principal and the Vocational Guidance Department to assist in placing students in training areas where they can succeed; and (5) assist disadvantaged potential dropouts in finding jobs and be available to all MVTEC students for placement counseling.

VTP 2497

Title: Curriculum Development for Vocational Agriculture.

Principal Investigator: Clayton Castleman

Recipient Institution: Stuttgart School District, Box 928, Stuttgart,  
Arkansas 72160

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$49,506.75

Supporting Agency: Arkansas State Department of Education, Little Rock,  
Arkansas 72201

Contract and/or Control No: No data

Summary of Project: The purposes of this project are to: (1) conduct in-service training in the development of curriculum in highly specialized agricultural areas, (2) develop curriculum guides for specialized agricultural courses, and (3) conduct workshops to inform teachers from other school districts about the project. Vocational Agriculture teachers will attend

curriculum development inservice training sessions during the summer months. During the school year the teachers will have two class periods for curriculum development and one period for conferences. These teachers will specialize in and develop curriculum guides in the following technical and agricultural areas: Soybean and Rice Production, Horticulture, Farm Design and Layout, Agriculture Buildings and Structures, Farm Machinery Care and Operation, and Farm Metals.

VTP 2498

Title: Development and Use of Specific Strategies for Dissemination of Curriculum Materials in Vocational Education.

Principal Investigator: Ava Gray

Recipient Institution: University of Arkansas, Fayetteville, Arkansas 72701

Start - End Dates: May 1, 1976 to March 31, 1977

Annual Funding: \$2,800.00

Supporting Agency: Arkansas State Department of Education, Division of Vocational, Technical and Adult Education, Little Rock, Arkansas 72201

Contract and/or Control No: No data

Summary of Project: The purpose of the project is to familiarize home economics teachers with recently developed curriculum in housing in order to facilitate the uniformity of instruction and increase the adoption rate of new curriculum materials. Project activities include dissemination of materials and inservice education. The first phase involves a workshop in which the new curriculum guide is presented, followed by the development, by teacher participants, of procedures for dissemination and inservice education of the curriculum materials. An evaluation will be conducted following the use of the materials during the 1976 school year to determine the effectiveness of the dissemination and inservice program.

VTP 2499

Title: Development of Southeastern Indiana Vocational School and Employer Communications System.

Principal Investigator: Stanley J. Baran

Recipient Institution: Indiana Vocational Technical College - Region 10, 646 Franklin Street, Columbus, Indiana 47201

Start - End Dates: April 1, 1976 to April 30, 1977

Annual Funding: \$2,500.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No: 14-76-D-10

Summary of Project: The objectives of this project are to: (1) establish a formal job placement center within the Student Services area, (2) develop a Business Directory for the area served by the Columbus and Madison Indiana

Vocational Technical College (IVTC) regions, (3) increase the contact between administrators, faculty, and the business community, and (4) prepare a report for receipt by the State Board and for possible publication in vocational education journals. The project will be conducted in three phases. Phase I will consist of the development of the Business Directory. An initial list of names and addresses of area businesses will be compiled through the cooperation of area regional campuses and local Chambers of Commerce. The businesses will then be contacted for additional information, such as the types of skills sought by prospective employers. Phase II will provide for the hiring of a Student Services Assistant for Placement who will: (1) continue development of the Business Directory, (2) establish formal Job Placement Procedures, (3) assist in the preparation of project reports, (4) assist the Student Service Coordinator in student vocational counseling, and (5) assist the faculty in contacts with business leaders. Phase III, the reporting phase, will result in formal written articles for distribution to the State Board and to appropriate vocational journals.

VTP 2500

Title: Follow-Up of Students not Completing Degree Requirements.

Principal Investigator: Doris Parker

Recipient Institution: Indiana Vocational Technical College - Indianapolis, 1315 East Washington Street, Indianapolis, Indiana 46202

Start - End Dates: May 1, 1976 to September 30, 1976

Annual Funding: \$1,081.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No: 40-76-D-8

Summary of Project: The purpose of this project is to collect followup information concerning Indiana Vocational Technical College (IVTC)-Indianapolis students who have enrolled in Trade and Technical programs since the fall of 1974 and who failed to complete all the degree requirements. Procedures for implementing the study will include a search of enrollment records from the fall of 1974 through the winter of 1976 in order to identify a maximum of 400 persons for the study and a revision of the existing Graduate Followup Study questionnaire to include questions concerning: (1) the person's reasons for leaving the program; (2) the kind of job the person obtained and the salary for that job; (3) the person's degree of job satisfaction; (4) the way in which the person found the job; (5) the number of job offers the person received; and (6) the person's evaluation of his/her training at IVTC. The questionnaires will be mailed to the identified study group. A maximum of two followup letters will be sent to nonrespondents, and telephone contacts will be initiated if nonrespondents exceed 50 percent. The results of the study will be contained in a final report. It is anticipated that copies of this report will be disseminated to the other 12 regions of IVTC.

VTP 2501

Title: Implementing a Student Job Placement Service.

Principal Investigator: Norman W. Wiewert

Recipient Institution: Indiana Vocational Technical College, 710 Northwest 5th Street, Richmond, Indiana 47374

Start - End Dates: January 1, 1977 to June 30, 1977

Annual Funding: \$2,013.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No: 40-76-D-9

Summary of Project: This project provides for a clerical assistant who will facilitate the implementation of a job placement service for students graduating from the Indiana Vocational Technical College-Richmond. The clerical assistant will work for the designated Student Services staff person and will: (1) collect the necessary information and forms from students seeking placement assistance, (2) maintain files of student placement records, (3) serve as the coordination point for employment opportunities and information, and (4) assist the Student Services Director with the tabulation of graduate and employer surveys.

VTP 2502

Title: In-Depth Follow-Up of Graduates from IVTC at Madison.

Principal Investigator: John J. Deady

Recipient Institution: Indiana Vocational Technical College-Madison, First and Broadway, P.O. Box 434, Madison, Indiana 47250

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$2,500.00

Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204

Contract and/or Control No: 40-76-D-10

Summary of Project: The purpose of this project is to provide in-depth follow-up information concerning IVTC-Madison (Indiana Vocational Technical College) graduates and their employers. Through questionnaires and telephone interviews with graduates and their employers, the project will discover: (1) placements and job advancements made possible by a student's participation in an IVTC program, (2) instructional and course content effectiveness as related to the IVTC program, (3) employer reactions to the effectiveness of IVTC programs taken by their employees, and (4) the impact and worth of courses offered at IVTC-Madison.

VTP 2503

Title: Seminar Instruction Delivery System in Advanced Vocational Courses.

Principal Investigator: Stanley J. Baran  
Recipient Institution: Indiana Vocational Technical College, 646 Franklin Street, Columbus, Indiana 47201  
Start - End Dates: April 1, 1976 to April 30, 1977  
Annual Funding: \$3,500.00  
Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204  
Contract and/or Control No: 13-76-C-16

Summary of Project: The overall purpose of the project is to develop a Seminar Instructional Delivery System that is appropriate for advanced vocational courses in most areas of study. Key objectives to be achieved are: (1) development of the seminar learning system; (2) preparation of videotape cassettes for statewide distribution which will teach instructors how to prepare a seminar-based vocational class; (3) preparation of videotape cassettes for statewide distribution which will help students prepare for seminar-based vocational classes; and (4) preparation of a written report to be published or presented at appropriate meetings of vocational educators which will also be made available for statewide distribution. The four procedural phases of the project are preliminary testing, research, full testing, and preparation of materials for dissemination. While videotape materials and testing materials are to be the measurable outcomes of the project, the ultimate result will be an improvement in vocational instruction.

VTP 2504

Title: Vocational Education Student Job Placement and Follow-Up.

Principal Investigator: John L. DuVall  
Recipient Institution: Elkhart Community Schools, 2720 California Road, Elkhart, Indiana 46514  
Start - End Dates: January 15, 1976 to January 15, 1977  
Annual Funding: \$2,485.00  
Supporting Agency: Indiana State Board of Vocational and Technical Education, 17 West Market Street, Room 401, Illinois Building, Indianapolis, Indiana 46204  
Contract and/or Control No: 14-76-D-6

Summary of Project: The general purposes of this projected five-year program are to: (1) develop a more concrete method of communications with students and employers regarding jobs and applicants, respectively, and (2) evaluate and improve the overall training program in the areas of need. The specific objectives of the project are to: (1) develop a complete listing of major and minor employers for use in placement of students from outlying participating schools, (2) develop a data control system to furnish necessary information for the job placement program, (3) develop job assistance directives for present and previous students, and (4) conduct educational programs in all EACC DISCIPLINES. Throughout the duration of the program, the project will obtain information from Elkhart Industrial Club members, teachers, and

personnel in industry and commerce.

VTP 2505

Title: Assessing the Effect of Adult High School Completion Programs on Graduate Placements.

Principal Investigator: Ronald B. McClurg

Recipient Institution: Des Moines Area Community College, 2006 Ankeny Boulevard, Ankeny, Iowa 50021

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$12,050.00

Supporting Agency: Career Education Division, Iowa State Department of Public Instruction, Grimes State Office Building, Des Moines, Iowa 50319

Contract and/or Control No: No data

Summary of Project: The goal of this project is to assess the effect of high school completion programs on placement. The major objectives are: (1) to develop a data collection instrument and system to be utilized in obtaining research data; (2) to conduct a followup survey of graduates, employers, and schools in which graduates were placed to assess the impact of their high school completion program on that placement; and (3) to conduct an attitudinal assessment of program participants related to their perceived benefits from the completion program. The major tasks involved in carrying the project to completion include the following: development of the instruments, identification of the population and random selection of the sample, collection of data, compilation and analysis of data, and preparation and dissemination of the final report.

VTP 2506

Title: Procedures for Teaching Skills for Living in Classes where Mildly Handicapped Pupils are Integrated with Non-handicapped Pupils.

Principal Investigator: Eleanore L. Kohlmann and Ruth Hughes

Recipient Institution: Iowa State University of Science and Technology, Ames, Iowa 50011

Start - End Dates: June 1, 1976 to May 31, 1977

Annual Funding: \$2,230.00

Supporting Agency: Career Education Division, Iowa State Department of Public Instruction, Grimes State Office Building, Des Moines, Iowa 50319

Contract and/or Control No: No data

Summary of Project: Project objectives will be to: (1) encourage teachers to work with handicapped students and to view them as worthy individuals with educational needs; (2) develop two or more procedures for instruction in daily living skills for students with varying mental and physical abilities in grades eight and nine; and (3) assess the effectiveness of the developed procedures and techniques. Procedures designed for meeting these objectives include: (1) reviewing pertinent literature; (2) developing materials employing se-

lected home economics concepts from essential skills for living and two or more procedures or techniques effective in teaching the mildly handicapped; (3) developing pretest and posttest questionnaires and attitudinal questionnaires for teacher participants; (4) testing materials in schools selected where integrating is practiced; (5) conducting workshops with home economics teacher participants to increase their competencies in teaching mildly handicapped pupils and in class management; (6) comparing the effectiveness of the selected procedures and techniques; (7) preparing curricular guidelines based on the findings for dissemination; and (8) writing the final report.

VTP 2507

Title: An Assessment of Vocational Education Needs of the Disadvantaged and Handicapped in Kentucky - Continuation.

Principal Investigator: Keith Bayne

Recipient Institution: University of Louisville, Louisville, Kentucky 40208

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$34,327.00

Supporting Agency: Bureau of Vocational Education, Kentucky State Department of Education, Frankfort, Kentucky 40601

Contract and/or Control No: No data

Summary of Project: Project objectives will be to: (1) identify the number of people in Kentucky of secondary age level and above who meet the criteria for disadvantaged and handicapped as specified in the State Plan for the Administration of Vocational Education and the State Plan for Rehabilitation; (2) identify those vocational education programs currently available in the state that address themselves to the handicapped and disadvantaged; (3) identify that portion of the target population of disadvantaged and handicapped that could benefit from vocational education; (4) compare supportive services provided for the target population to those provided for non-target populations; (5) identify the extent to which present programs provided by Vocational Education and Rehabilitation have met the vocational needs of those in the target population; (6) determine the proportion of the target population currently working in employment related to their vocational education or rehabilitation training; (7) develop written recommendations based on information gained in the course of the project; and (8) prepare detailed cost analysis regarding the implementation of the recommendations. The project will involve a sample survey of students and their teachers to determine the target population of handicapped and disadvantaged students. A formula for projecting the target population to persons who should receive post high school vocational and rehabilitation training will be developed. Followup information of graduates will be reviewed and synthesized to determine the effectiveness of present programs.

VTP 2508

Title: The Development of an Instrument to Measure Student Attitudes Towards Competency-Based Individualized Modules of Instruction in Vocational-Technical Education.

Principal Investigator: John C. Thomas and Herbert Bruce  
Recipient Institution: University of Kentucky, Lexington, Kentucky 40506  
Start - End Dates: May 1, 1976 to April 30, 1977  
Annual Funding: \$3,250.00  
Supporting Agency: Bureau of Vocational Education, Kentucky State Department of Education, Frankfort, Kentucky 40601  
Contract and/or Control No: No data

Summary of Project: This project will investigate the attitudes held by vocational education students toward instructional modules developed by the Curriculum Development Center for Kentucky. The objective of this study is to develop and validate an instrument to measure student attitudes toward competency-based education and the elements of the individualized instructional modules that were field tested during the 1975-76 school year. All students involved with the field testing of modules in Kentucky will constitute the population of the first phase of the study. An equal number of students will be identified for the final phase of the study which will be conducted during the 1976-77 school year. A jury of experts will be used to revise the instrument. The first phase of the project will provide data to be used to improve reliability, improve clarity, and to establish validity in terms of the dimensions investigated within the instrument. The data gathered should provide information concerning the differences in field-test modules and final modules. The data should also provide insight as to students' feelings concerning the use of instructional modules as a mode of instruction in vocational-technical education.

VTP 2509

Title: Identification of Professional Competencies Needed by Vocational Administrators in Kentucky - Continuation.

Principal Investigator: Carl Hurley, Robert Martin, and James Macerson  
Recipient Institution: Eastern Kentucky University, Richmond, Kentucky 40475  
Start - End Dates: August 15, 1975 to May 15, 1977  
Annual Funding: \$17,755.00  
Supporting Agency: Bureau of Vocational Education, Kentucky State Department of Education, Frankfort, Kentucky 40601  
Contract and/or Control No: No data

Summary of Project: Project objectives are to provide a list of professional competencies needed by individuals who hold six vocational administrative positions in Kentucky and a document which lists performance objectives, criterion-referenced measures, and performance guides for the vocational education administrator in the state. The project follows a model established by the Vocational-Technical Education Consortium of States. The vocational education administrator's job will be analyzed and performance objectives and criterion-referenced measures will be written. The results of the study will provide a basis for the development of a competency-based certification program for vocational education administrators.

VTP 2510

Title: The Development of an Audio-Visual Presentation to Illustrate Local and State Vocational Preparation Opportunities in the Business and Office Education Cluster.

Principal Investigator: Rodney Hale

Recipient Institution: 916 Area Vocational-Technical Institute, 3300 Century Avenue North, White Bear Lake, Minnesota 55110

Start - End Dates: May 1976 to April 1977

Annual Funding: \$3,783.00

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No: No data

Summary of Project: The intent of this project is to produce a self-paced, audiovisual presentation emphasizing (1) the business and office education occupational preparation programs available to students in high schools throughout the state and (2) how these programs relate to occupational programs at postsecondary institutions. The audiovisual presentation should be designed to: (1) afford utilization by an individual student as well as by small groups, (2) increase students' awareness of opportunities to complete a postsecondary program after having enrolled while still in high school, (3) reduce the number of students who change programs because they have insufficient knowledge about a program before enrolling in it, and (4) increase the number of students completing vocational programs in which the employment potential is greater than current student demand.

VTP 2511

Title: A Study of Vocational-Technical Needs of the South Central Minnesota Area.

Principal Investigator: Gene McDermott

Recipient Institution: Fairbault Area Vocational-Technical Institute, Fairbault, Minnesota 55021

Start - End Dates: May 1976 to December 1976

Annual Funding: \$9,063.00

Supporting Agency: Minnesota State Department of Education, St. Paul, Minnesota 55101

Contract and/or Control No: No data

Summary of Project: The purpose of this study is to formulate plans for future vocational-technical programs and services for South Central Minnesota. The study will be conducted in three phases. Phase I will provide an inventory of the current status and projections of vocational-technical programs in South Central Minnesota in comparison with the State of Minnesota. Phase II will furnish an assessment of the additional vocational-technical programs required in order to equalize vocational-technical education opportunities in South Central Minnesota. Accompanying this assessment will be a documentation of associated cost and benefit data in terms of historical

and/or projected data. Phase III will culminate in the identification, development, and documentation of feasible implementation strategies for the future delivery of vocational-technical programs and services for South Central Minnesota.

VTP 2512

Title: Individualizing the Instruction of the Intensive Business Training Program.

Principal Investigator: Thomas L. Richey

Recipient Institution: Pascagoula Municipal Separate School District, Pascagoula High School Vocational-Technical Center, P.O. Box 250, Pascagoula, Mississippi 39567

Start - End Dates: April 1, 1976 to August 13, 1976

Annual Funding: \$24,088.00

Supporting Agency: Mississippi State Department of Education, Jackson, Mississippi 39205

Contract and/or Control No: No data

Summary of Project: The purpose of this project will be to completely individualize the instructional program in Intensive Business Training. Specific project objectives will be to: improve the ability to meet individual student needs after determining his or her appropriate beginning point; produce better trained students; reduce the attrition rate of students in the business programs; provide an atmosphere of no-failure; better meet the needs of local employers and employees; increase the number of hours the facility is available to students; increase the number of students serviced; and encourage local employers to use the facilities for inservice training of present employees. Applicable commercially prepared individualized instructional material will be purchased and individualized packages of instruction will be developed for offset duplication, automatic typewriting, and the few calculators not covered by the commercially prepared systems. Each student will be given a pretest to determine his or her level of skill in the typing, machine transcription, keypunch, business machines, office practice, and shorthand areas. A personal and individualized syllabus will be designed for each student, allowing the student to enter the program at his or her skill level and leave at a point compatible with the student's career goals.

VTP 2513

Title: Computer Application to a Job Placement Service.

Principal Investigator: Lindell Harrison

Recipient Institution: State Fair Community College, 1900 Clarendon Road, Sedalia, Missouri 65301

Start - End Dates: January 1, 1976 to December 31, 1976

Annual Funding: \$9,700.00

Supporting Agency: Missouri State Department of Elementary and Secondary

Education, Jefferson City, Missouri 65101  
Contract and/or Control No: No data

Summary of Project: The project proposed is to determine the feasibility of developing and testing a model of a computerized system for a statewide job placement service in selected areas of Missouri. During the period of this proposal, computer programs will be written and tested through the use of the computerized system. The successfully tested computer programs will become the nucleus of computer programming for the statewide system. The project will attempt to determine if the use of a computerized system: (1) will expedite handling of a large volume of job orders and job applications; (2) will facilitate gathering of information on employer job requirements and job applicants; (3) will facilitate fast, efficient dissemination of job information; (4) will be cost effective; and (5) will reduce the time involved in identifying those employers to be contacted by the storage and retrieval of job development information.

VTP 2514

Title: Evaluation Hotel-Restaurant Graduates.

Principal Investigator: Jack Miller

Recipient Institution: Forest Park Community College, 5801 Wilson Avenue, St. Louis, Missouri 63110

Start - End Dates: May 1976 to April 1977

Annual Funding: \$700.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No: No data

Summary of Project: The project will contact graduates of the Forest Park Community College Hotel Motel Program to determine: (1) the graduates' present occupation, (2) the Program's effectiveness for the graduates, and (3) methods of increasing the Program's enrollment of blacks and women. This evaluation will enable the Program to build in consultant and career guidance functions to the population it now serves.

VTP 2515

Title: Field Validation of the Career Education Curriculum Project Modules: Phase I K-6 Curriculum.

Principal Investigator: Earl J. Moore and Frank E. Wellman

Recipient Institution: University of Missouri-Columbia, College of Education, Columbia, Missouri 65201

Start - End Dates: June 1, 1976 to January 31, 1977

Annual Funding: \$11,180.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No: No data

Summary of Project: The objective of the Phase I segment of this project (Phase 2 and 3 will be included in later proposals) is to develop an evaluation product for the Career Education Curriculum Project (C.E.C.P.) Modules which cover grades K-6. This evaluation product will provide: (1) a data base for substantiation or modification of the C.E.C.P. products, and (2) evaluation procedures to accompany the instructional materials during field use. Instruments will be developed to evaluate: (1) pupil outcomes of instruction, (2) materials and procedures used in the modules, and (3) educator attitudes toward career education concepts and procedures.

VTP 2516

Title: Staff Development: Occupational and Career Programs.

Principal Investigator: Daniel Miller

Recipient Institution: The Junior College District, 5801 Wilson Avenue, St. Louis, Missouri 63110

Start - End Dates: May 4, 1976 to April 4, 1977

Annual Funding: \$700.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No: No data

Summary of Project: This project proposes to determine what staff development activities have been successful in recruiting minorities and women and maintaining programs for this group in career and occupational areas. The project staff will visit Metro-East and Missouri colleges. These colleges have successfully recruited and maintained minorities and women in their career programs. They will also seek information on strategies that the staffs of these colleges have developed for relating to minorities. This information will then be used to develop and implement similar staff development activities at Forest Park Community College. The effective implementation of a systematic ongoing evaluation for career programs will be measured in terms of the number of seminars and workshops for career staff, the number of staff involved in staff development programs, the length of the programs, the consultants in the field that were used, and anecdotal records from career staff on the benefits of the programs in their work.

VTP 2517

Title: A Study of the Effectiveness of Mobile Teaching Education Units as Related to the Development and Implementation of a Model Consumer Education Mobile Unit.

Principal Investigator: Brenda S. Crimmins

Recipient Institution: St. Louis Community College at Florissant Valley, 3400 Pershall Road, St. Louis, Missouri 63135

Start - End Dates: June 7, 1976 to June 30, 1977

Annual Funding: \$19,920.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Summary of Project: Project objectives will be to: (1) determine and summarize the success and effectiveness of consumer education mobile units and other related mobile teaching units which are currently in operation; (2) conduct and evaluate a pilot project experimental consumer education mobile unit in the Florissant Valley Community College service area; (3) design, develop, and operate a model demonstration mobile unit in the St. Louis Metropolitan area; and (4) develop a set of general guidelines on how to set up an effective mobile unit, using the consumer education mobile unit as an example. Phase I will involve surveys of the operating mobile units and analyses of the results. Based on the results of Phase I, a model mobile unit will be purchased, equipped, and operated to provide consumer education in the St. Louis area. Finally, a document will be produced which others can use to set up mobile units based on this model.

VTP 2518

Title: Volunteer Corps in Career Areas.

Principal Investigator: Otis L. Bolden

Recipient Institution: The Junior College District, 5801 Wilson Avenue, St. Louis, Missouri 63110

Start - End Dates: May 4, 1976 to April 4, 1977

Annual Funding: \$700.00

Supporting Agency: Missouri State Department of Education, Jefferson City, Missouri 65101

Contract and/or Control No: No data

Summary of Project: This project proposes to solicit existing Forest Park Community College staff, staff from occupational and career areas, and staff from community agencies to offer their services on a voluntary basis to community agencies requesting such career information and assistance. The volunteers will provide information about projected occupational and career trends, consultants from local occupational and career areas and community agencies will be used to provide workshops and seminars focused on metropolitan needs, and information will be disseminated to community agencies on the career staff profile. The project will also address the area of expanded career choice for minorities, women, and poor youth.

VTP 2519

Title: The Dissemination of Occupational Education Research, Adult Basic Education, and Other Community College and Technical Institute Information.

Principal Investigator: Ken B. Segner

Recipient Institution: North Carolina State University, Raleigh, North Carolina 27607

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$19,726.00

Supporting Agency: North Carolina State Board of Education, Raleigh, North Carolina 27611

Contract and/or Control No: No data

Summary of Project: The project proposes to continue the development and publication of the quarterly review entitled the Community College Review, which disseminates occupational education research, adult basic education, and other community college and technical institute information. It will not duplicate the subject matter of The Open Door nor that of The Community and Junior College Journal. Subsidiary objectives are to contract for the printing, promotion, and distribution of four quarterly issues, to promote subscriptions, and to provide with each quarterly reimbursement request an evaluation as to the proper proration of articles as they relate to the three funding agencies.

VTP 2520

Title: Competency Based Curriculum Activities and Workshop for Distributive Education.

Principal Investigator: James Strate

Recipient Institution: University of North Dakota, Department of Vocational and Business Education, Grand Forks, North Dakota 58202

Start - End Dates: July 1976 to March 1977

Annual Funding: \$1,700.00

Supporting Agency: Research Coordinating Unit, North Dakota State Board for Vocational Education, 900 East Boulevard, Bismarck, North Dakota 58505

Contract and/or Control No: No data

Summary of Project: Project objectives are to: (1) train North Dakota distributive education (D.E.) personnel in the writing of competency-based activities to be used in their curriculum and youth activities per established guideline; (2) write competency-based competitive events in instructional areas that can be evaluated in North Dakota during the 1976-77 school year; and (3) evaluate and followup on materials developed. The coordinators will be presented a format, criteria, and procedure for writing competency-based curriculum. Using the format, each coordinator will select one of four D.E. offerings of education codes and identify competencies appropriate to the occupational area selected and construct a total activity. Ten current coordinators in North Dakota will be selected by the State supervisor of distributive education to participate in the workshop. The coordinators will be selected and notified during the month of July and the workshop will be held in August. The materials developed will be typed and duplicated in September and evaluated in March 1977.

VTP 2521

Title: Personal, Home and Family Education Program.

Principal Investigator: Charles Cheney

Recipient Institution: West Fargo Public School District #6, West Fargo, North Dakota 58078

Start - End Dates: July 1, 1976 to July 1, 1977

Annual Funding: \$1,600.00

Supporting Agency: North Dakota State Board for Vocational Education,  
Bismarck, North Dakota 58501

Contract and/or Control No: No data

Summary of Project: This project proposes to develop and implement a basic preparatory program in personal, home, and family education that is exploratory in nature and that helps students examine their attitudes and values and builds self-confidence and responsibility. The project will develop learning experiences appropriate for boys and girls in grades 6-8 related to home economics. Activities and procedures will be to: develop exploratory cooking and sewing activities; develop values and self-awareness within each student's model of behavior; develop understanding and appreciation for other family members and their interrelationships; explore occupational areas related to home economics and personal characteristics needed to become employable; and refine personal hygiene. An initial curriculum workshop will be held during the summer of 1976, followed by a testing of the curriculum during the first semester and a revision and refinement during the second term. A final evaluation will then be prepared and disseminated.

VTP 2522

Title: A Proposal to Develop Instructional Materials for Industrial Arts Education Programs in North Dakota Schools.

Principal Investigator: Myron Bender

Recipient Institution: University of North Dakota, Grand Forks, North Dakota,  
58202

Start - End Dates: May 1976 to September 1976

Annual Funding: \$7,920.00

Supporting Agency: North Dakota State Board for Vocational Education,  
Bismarck, North Dakota 58501

Contract and/or Control No: No data

Summary of Project: The major objectives of the proposed Phase II project is to develop instructional materials for each of the following areas identified in the Master Plan curriculum framework for industrial arts in North Dakota; (1) Insights in Industry and Technology; (2) Graphic Communications; (3) Manufacturing Technology; (4) Construction; and (5) Energy and Power. Specific objectives will be to: determine the philosophy for conducting instructional programs in each of the five areas listed; establish objectives for conducting learning activities; identify and structure the body of knowledge; develop a format to be used in the development of teaching-learning units; and develop selected teaching-learning units for each area. The major activity of the Phase II project will be divided into three sections. The first part will be organizational to include participant identification and selection. The second section will be to collect and review instructional materials currently available to identify a given body of knowledge for each of the five major cluster curriculum areas. The last part will be the actual writing of instructional materials.

VTP 2523

Title: Seminar in Life Career Development.

Principal Investigator: Rich Hauck

Recipient Institution: North Dakota State School of Science, Wahpeton,  
North Dakota 58075

Start - End Dates: July 1, 1976 to May 31, 1977

Annual Funding: \$3,110.00

Supporting Agency: Research Coordinating Unit, North Dakota State Board for  
Vocational Education, Bismarck, North Dakota 58501

Contract and/or Control No: No data

Summary of Project: This project proposes to conduct a seminar on life career development for faculty members of four two-year postsecondary institutions in North Dakota. Objectives for the seminar include: (1) instructing selected faculty members on a life career development program; (2) establishing a life career development program at the four postsecondary institutions; (3) giving students the opportunity to explore their values and goals; (4) giving students the opportunity to explore different life styles options; (5) giving students an opportunity to plan and decide on careers and life styles more realistically through the life career development program implemented in these institutions; and (6) developing an evaluation plan for participating institutions.

VTP 2524

Title: A Comparison of the Century 21 and the Gregg Diamond Jubilee Shorthand Systems in Beginning and Intermediate Shorthand at Oklahoma State University.

Principal Investigator: Arnola Ownby

Recipient Institution: College of Business Administration, Oklahoma State  
University, Stillwater, Oklahoma 74074

Start - End Dates: July 1, 1976 to September 30, 1976

Annual Funding: \$1,500.00

Supporting Agency: Oklahoma State Department of Vocational and Technical  
Education, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Contract and/or Control No: No data

Summary of Project: The objective of this study is to compare the effectiveness of Century 21 and Gregg Diamond Jubilee shorthand systems in developing specific competencies in beginning and intermediate shorthand students. Student performances in the two classes will be compared on (1) speedform/brief form tests, (2) theory tests over 1,500 most frequently used words, and (3) dictation tests. It is expected that analysis of covariance will be the appropriate statistical technique used to determine if significant differences exist on the tests.

VTP 2525

Title: Career Information System.

Principal Investigator: No data

Recipient Institution: Career Information System, 247 Hendricks Hall,  
University of Oregon, Eugene, Oregon 97403

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$24,400.00

Supporting Agency: Oregon State Department of Education, 942 Lancaster  
Drive N.E., Salem, Oregon 97310

Contract and/or Control No: No data

Summary of Project: The overall goal of the project is to develop further the Career Information System (CIS) in Oregon's 13 community colleges during the 1976-77 school year. Objectives will be to: (1) introduce CIS to administrative and instructional staff in each of 13 community colleges in Oregon; (2) increase the level of utilization of CIS on community college campuses; (3) assist community colleges in areas of trouble-shooting; (4) integrate career information in community settings served by these colleges; and (5) make CIS available for use by community colleges. Activities include workshops, inservice, dissemination of promotional materials, staff training, and initiating and expanding use of computerized systems. Other proposed procedures involve the expansion of community outreach programs and supplying the community colleges with updated and localized occupational information; current description of the State's postsecondary programs; schools', users', and coordinators' handbooks and appropriate bibliographic materials.

VTP 2526

Title: Methodology for the Evaluation of Career Decision Making Skills in Rural Schools.

Principal Investigator: Leroy J. Paulsen

Recipient Institution: Malheur Intermediate Education District, Vale,  
Oregon 97018

Start - End Dates: July 1976 to June 1977

Annual Funding: \$2,231.00

Supporting Agency: Career Education Applied Research Career and Vocational  
Education Section, Oregon Department of Education, 942 Lancaster Drive, N.E.,  
Salem, Oregon 97310

Contract and/or Control No: No data

Summary of Project: Evaluation of the SIXCO project in 1973-74 and 1974-75 was a process evaluation and focused on staff development, materials development, and program development. The evaluation for 1975-76 involved staff development, program development, and assessment of the extent to which selected students demonstrated increased competence in career decisionmaking skills at grade 12. The focus of future evaluations will be on a product type assessment to measure the influence which the guidance processes have upon career decisionmaking skills development. The design calls for pretesting

and posttesting of all tenth, eleventh, and twelfth grade students. The Career Maturity Inventory (attitude scale) will be utilized for all testing with the resulting scores being compared to ascertain where differences exist between the programs. In addition, in evaluating ninth grade students, the Career Development Inventory will be utilized to assess the students in the areas of resources for exploration and information and decisionmaking.

VTP 2527

Title: Development and Examination of Instructional Materials on Counseling for Distributive Education Coordinators.

Principal Investigator: Donald L. Clark and Lois Trahan

Recipient Institution: Texas A&M University, College Station, Texas 77843

Start - End Dates: April 1, 1976 to August 31, 1977

Annual Funding: \$1,629.00

Supporting Agency: Texas Education Agency, Department of Occupational Education and Technology, Division of Occupational Research and Development, Austin, Texas 78711

Contract and/or Control No: No data

Summary of Project: The primary objective of this study is the development and pilot testing of 20 realistic case studies which would enable distributive education coordinators in training to learn counseling techniques which are recommended by experts in the counseling field. Specific procedures for the instructional materials will be determined through interviews with experts in the counseling field. Case studies will then be prepared based on kinds of problems most often encountered. A jury of six coordinators, recommended by area consultants, will be asked for judgment of the results of the survey and for input as to the kinds of case studies needed. The case studies will be pilot tested with an experimental design to determine their effectiveness. If effective, the case studies will be printed for distribution to coordinators.

VTP 2528

Title: The Need for Bilingual Vocational Education Programs in Secondary Schools in Texas.

Principal Investigator: Arturo Salazar

Recipient Institution: Texas A&M University, College Station, Texas 77843

Start - End Dates: May 1, 1976 to August 31, 1976

Annual Funding: \$4,657.00

Supporting Agency: Texas Education Agency, Department of Occupational Education and Technology, Division of Occupational Research and Development, Austin, Texas 78711

Contract and/or Control No: No data

Summary of Project: The primary objective is to determine the extent of the need for bilingual vocational education programs in the secondary schools in Texas as perceived by bilingual directors, vocational directors, vocational

counselors, secondary school counselors, and industry representatives. Supporting objectives are: (1) determine the extent of agreement among these groups regarding the need for bilingual vocational education programs; (2) determine the meaning of the concept, bilingual vocational education, held by these groups; (3) determine opinions held concerning selected issues pertaining to bilingual vocational education programs as perceived by the five groups; (4) determine the extent of agreement regarding the need for bilingual vocational education programs between those of the five groups with vocational education teaching experience and those without; (5) determine the extent of agreement of the need for bilingual vocational education programs between those in the five groups with world of work experience and those without; and (6) determine if a relationship exists between perception of need for such programs and the percent of Spanish-speaking students in schools in which respondents work. The design of the study will include the selection of the five groups and the development of an opinionaire to obtain data.

VTP 2529

Title: Assessment of the Effect of a Vocational Awareness Media Program on Russell County 6th, 7th, 8th Grade Students.

Principal Investigator: Carl Jackson

Recipient Institution: Russell County Schools, Lebanon, Virginia 24266

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$3,000.00

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: This project proposes to provide target students with an awareness of the possible careers they might enter through Russell County's program of vocational education. The project will develop a synchronized sound-slide and video tape program of all the vocational education programs offered in the Russell County school system. This program will be shown to all students in grades six, seven, and eight, with a pretest and posttest given to a 10 percent sample of the total target population to determine if awareness of career offerings increased as a result of the program.

VTP 2530

Title: Current and Projected Community Employment Opportunities and Ranked Characteristic Skills Sought in Prospective Employees.

Principal Investigator: P.T. Atkinson

Recipient Institution: Isle of Wight County Schools, Isle of Wight, Virginia 23397

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$285.00

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: This project proposes to provide information about community employment opportunities and the skills sought in prospective employees in the Isle of Wight County Public School Division. The objectives will be to: provide information to community businesses and industries regarding vocational offerings; acquire data regarding employment opportunities available to high school graduates with vocational training; determine employment sources of community businesses and industries; receive input pertaining to characteristics and skills sought by potential employers with a rank ordering of these characteristics and skills; and disseminate information received to students to aid them in vocational planning. Data regarding vocational training available within the division will be collated. Surveys of local businesses and industries will be conducted to determine available job openings and to delineate ranked personal skills and characteristics sought by prospective employers. Data from both surveys will be analyzed and developed into a summary presentation to be made available to students and to appropriate instructional personnel.

VTP 2531

Title: The Design, Field Testing and Implementation of a Curriculum for the Course "Introduction to Vocations" for the Middle Schools and Junior High Schools of the Commonwealth of Virginia (CACO).

Principal Investigator: James P. Clouse

Recipient Institution: Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$93,015.00

Supporting Agency: Virginia State Department of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: This project is a curriculum design effort to develop, field test, and implement a 90/180 day course for middle or early secondary school students to orient them to career-related school experiences. Stated objectives for the third year of the project are: (1) to continue the field test procedure with revised materials at ten initial sites and at five new sites; (2) to conduct inservice programs for prospective teachers of the curriculum throughout the state; and (3) to prepare other interested teachers and teacher educators for the curriculum's implementation. In addition, orientation for superintendents, directors of instruction, and guidance personnel throughout the state will be provided. Plans for dissemination include coming to an agreement with a publisher who will have software available to the schools of Virginia by Fall 1977. Publicity materials will be produced and made available by that date. Plans for evaluation include use of a standardized instrument with students both on a 90 and 180 day basis.

VTP 2532

Title: Development of Standard Models for Performing Training (Job) Site Analysis and Conducting Directly Related Instruction in Industrial Cooperative Training Programs.

Principal Investigator: Kenneth Beachum

Recipient Institution: York County Schools, Yorktown, Virginia 23490

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$3,000.00

Supporting Agency: Division of Vocational Education, Virginia State Board of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The purpose of this project is to design and field test suggested models for performing training (Job) site analysis and conducting directly related instruction by Industrial Cooperative Training (ICT) Coordinators. Such models will serve to: (1) legitimize site selection for training benefits; (2) save time in site selection; and (3) provide an established proven procedure for new coordinators. The project will include: (1) a review of all appropriate literature; (2) a letter survey requesting all in-state ICT Coordinators to provide their materials and statements of their procedures for performing training site analysis and conducting directly related instruction; (3) the development, field test, and revision of a training site analysis model; and (4) the development, field test, and revision of an adaptable standard model for organizing, planning, and conducting directly related instruction in Industrial Cooperative Programs.

VTP 2533

Title: The Development of Vocational Modules and an Evaluative Instrument at Readability Levels which are Comprehensible by all Students in the High School Vocational Program.

Principal Investigator: Dale L. Morrell

Recipient Institution: Bristol City Schools, Bristol, Virginia 24201

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$3,000.00

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The project will seek to provide vocational units of study which are geared to the readability levels of all students in vocational areas of study. An instrument to measure achievement will be developed with readability as a major goal. The results of test samples will be evaluated for validation and standardization purposes. This project is ultimately directed toward student success and accurate evaluation of achievement. The staff-developed vocational modules will be utilized for instruction of 100 students in a vocational English program. This program will be evaluated on a pretest and posttest basis through use of the staff-developed test instrument.

A control group of at least 50 students in the local vocational curriculum will also be tested. Gains or losses will be compared by the investigator and the University of Virginia Bureau of Research Methodology. The readability of the modules and the test instrument will also be evaluated. For the purpose of evaluating the validity and reliability of the test instrument, students in other school systems of the state will also be tested.

VTP 2534

Title: A Follow-Up of Former Vocational Students from the Roanoke City Schools.

Principal Investigator: Anthony J. Cavallo

Recipient Institution: Roanoke City Schools, Roanoke, Virginia 24009

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$2,200.00

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The objectives of this study are to: (1) determine the degree of satisfaction of former students with the knowledge and skills gained from vocational education programs in the Roanoke City Schools; (2) determine the degree of satisfaction that employers have of former Roanoke City vocational education students; (3) create a procedure for compiling an annual followup report for vocational education in the Roanoke City Schools; (4) reveal to all concerned that vocational education in Roanoke City is providing qualified manpower to support the local labor market needs; (5) use the results of the study to make the necessary adjustments in the vocational programs; and (6) insure that supportive data will be used by the school system and community in future decisions involving vocational education. Procedures include surveys of former students and employers and the compilation and dissemination of results to all concerned.

VTP 2535

Title: Follow-Up of 1975-76 High School Graduates of the Arlington Public Schools.

Principal Investigator: Clifton L. Clark, Jr.

Recipient Institution: Arlington County Schools, Arlington, Virginia 22201

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$1,555.00

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: This project proposes to conduct a followup study of the 1975-76 high school graduates of Arlington Public Schools. Project objectives will be to: (1) determine the number of graduates continuing their education in a college, university, junior college or technical school;

(2) determine the number of graduates completing a vocational program prior to graduation and leaving school with a job-entry skill; (3) determine the number of graduates with a job-entry skill that are employed in their field of training, a similar job, or a job other than that for which they were trained; (4) determine if the skills being taught vocational students meet the needs of the employers of the graduates; and (5) evaluate the occupational success of 1975-76 graduates entering the local job market. Information will be gathered from the students by means of a mailed questionnaire. A questionnaire will also be sent to employers of graduating seniors. This information will be compiled for use by the school division in its future planning for vocational education and by the guidance department.

VTP 2536

Title: Instructional Materials and Procedural Guide for Vocational Education in Virginia.

Principal Investigator: Donald E. Elson

Recipient Institution: Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061

Start - End Dates: July 1, 1976 to June 10, 1977

Annual Funding: \$18,300.00

Supporting Agency: Virginia State Department of Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: The objectives of the project are to print in sufficient quantity the Student Job Placement Service Guide and up to 30 Vocational-Technical Education Consortium of States catalogs of performance objectives, criterion-referenced measures, and performance guides which are applicable to Virginia Vocational Education programs and to distribute the catalogs and guide to vocational educators and school divisions in Virginia. Activities to be conducted during the 12-month project are as follows. Twelve catalogs and the placement service guide will be printed during July 1976. The remaining catalogs will be printed during the 1976-77 school year as part of the scheduled training program in selected printing programs in local school divisions or vocational centers in Virginia. As the printing of the catalogs and the guide is completed, distribution will be made according to directions from the Division of Vocational Education, State Department of Education.

VTP 2537

Title: A Project to Provide Student Orientation and Public Information on the Vocational Education Program in Prince Edward County.

Principal Investigator: Thomas Mayfield

Recipient Institution: Prince Edward County Schools, Farmville, Virginia 23901

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$1,772.59

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216  
Contract and/or Control No: No data

Summary of Project: The project proposes to provide information to students and the public about the vocational offerings of the Prince Edward Public School System to enable students to make more realistic vocational course decisions. Activities will include: development of slide presentations suitable for student and adult groups; organization, planning, and implementation of an orientation program for students in grades 7 through 11; presentation of at least six slide programs to civic groups; and presentation of a program to the faculty of the elementary school to acquaint teachers with the vocational program. Slides of the instructional programs in vocational education will be taken, with special attention being given to depicting the skills that are being developed in each of the various vocational services. Slides will also be made of the youth activities of the vocational clubs. A narrative presentation will be written to accompany the selected slides, relating the offerings to vocational decisions. A narrative with a different description will be written for the adult programs. Several instructors will be trained to give the presentation.

VTP 2538

Title: Proposal for an Individualized System Approach to Teaching Automotive Engine Repair.

Principal Investigator: Richard B. Carter

Recipient Institution: Appomattox County Schools, Appomattox, Virginia 24522

Start - End Dates: July 1, 1976 to June 30, 1977

Annual Funding: \$2,990.00

Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216

Contract and/or Control No: No data

Summary of Project: This project will evaluate the effectiveness of an individualized approach to teaching automotive engine repair. The course is designed to provide a trainee with skills and knowledge required for entry-level capability in the field. It is composed of individual instructional modules, each covering a specific skill area. The modules are grouped into subject area clusters that allow the instructor to tailor the course to fit individual training objectives. Students are divided into groups and rotated through the course. An opinion survey will be conducted to determine student acceptance of the program. Testing devices are utilized throughout the course to aid the instructor in evaluating the learning process.

VTP 2539

Title: Recruiting, Selecting, and Matriculating Students in Vocational Programs.

Principal Investigator: Joseph A. Magruder, Jr.  
Recipient Institution: Henry County Schools, Martinsville, Virginia 24112  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$2,142.00  
Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216  
Contract and/or Control No: No data

Summary of Project: The goal of this project is to provide the Henry County Schools with tools to use in the recruitment of potentially successful students for vocational programs. Project objectives will be to increase initial enrollment, reduce the dropout rate, and provide guidelines and criteria for the selection of vocational students. Procedures and activities will include: (1) development and production of descriptive brochures for vocational programs; (2) expansion and modification of a slide and tape series to show interested groups; (3) continuation of a student visitation program to vocational classes; (4) development of a student questionnaire to help determine what influenced their choice of a particular vocational class; (5) review, selection, and administration of prevocational aptitude and interest tests; and (6) presentation of a certificate of achievement to students completing a two-year vocational program.

VTP 2540

Title: Student Job Placement Service.

Principal Investigator: A.W. Chisman, Jr.  
Recipient Institution: Hampton City School Division, 19 Cary Street, Hampton, Virginia 23669  
Start - End Dates: July 2, 1974 to June 30, 1977  
Annual Funding: \$17,338.86  
Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216  
Contract and/or Control No: No data

Summary of Project: For two years this project has provided employment counseling and placement services for one high school. A plan is herein submitted to modify the project for the 1976-77 school year. The major purposes for this modification will be to utilize the experiences gained by the present job placement coordinator and to meet the needs for employment counseling and placement services in each of the high schools. The following organizational structure is proposed for the last year of the project. The present placement coordinator will be moved to a central location and assigned the responsibility of coordinating the placement services for five senior high schools. The coordinator will be responsible for planning inservice programs, job developing, coordinating followup, and providing the communication between business, industry and the school. In each high school, one guidance counselor will be designated as vocational counselor full-time.

VTP 2541

Title: Student Job Placement Service.Principal Investigator: William P. YoungRecipient Institution: Arlington County Schools, Arlington, Virginia 22201Start - End Dates: July 1, 1976 to June 30, 1974Annual Funding: \$29,681.60Supporting Agency: Virginia State Board of Education, Richmond, Virginia 23216Contract and/or Control No: No data

Summary of Project: Objectives of this student job placement service will be to: (1) utilize and coordinate existing educational resources; (2) establish a county-wide career counseling and placement service; (3) orient guidance counselors toward utilization of career information in counseling students; (4) evaluate the relationships between the student's first job and compare his or her employment progress through a three-year followup; (5) provide placement of dropouts, high school students, and recent graduates in full and part-time positions; and (6) identify the necessary changes in the school's curriculum in accordance with employer needs and information retrieved through the followup process.

VTP 2542

Title: Tazwell County Vocational Education Follow-Up on Film.Principal Investigator: Henry C. NickelsRecipient Institution: Tazwell County Schools, Tazwell, Virginia 24651Start - End Dates: July 1, 1976 to June 30, 1977Annual Funding: \$3,000.00Supporting Agency: Virginia State Department of Education, Division of Vocational Education, Richmond, Virginia 23216Contract and/or Control No: No data

Summary of Project: This project proposes to obtain followup information on vocational graduates in Tazwell County and to use that information to develop a public information program on vocational education in the Tazwell County school system. A questionnaire will be developed as a guide in interviewing former vocational students and their employers. The 1974 graduates from vocational programs will be asked to comment on the value of their training, including its strengths and weaknesses. Slides will be taken of vocational graduates at work, and pictures will also be taken of unsafe practices in an attempt to upgrade the safety instruction. The slides and excerpts from the taped interviews will be used to develop a public information program on vocational education in Tazwell County and a teacher information program about vocational education areas needing improvement.

VTP 2543

Title: Vocational Education Management System Project.

Principal Investigator: Donald E. Elson  
Recipient Institution: Virginia Polytechnic Institute and State University,  
 Blacksburg, Virginia 24061  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$36,531.00  
Supporting Agency: Virginia State Department of Education, Richmond, Virginia  
 23216  
Contract and/or Control No: No data

Summary of Project: The goals of this project are to expand and improve the Vocational Education Reporting System (VERS), develop additional data systems, and continue development of the visitation team procedure. Objectives are to: (1) develop an improved system for management of the records for Fire Service Training; (2) develop and conduct an intensive followup of former students who indicate on the VERS 4 form that they are unemployed and unable to find work; (3) expand and improve the VERS to meet changing information needs; (4) print the Teacher's Guide and VERS forms for the 1977-78 and 1978-79 school year; (5) analyze the data and submit a report of the 1977 and 1978 followup of former students; (6) expand and improve the Annual Local Evaluation and the Visitation team procedures; (7) print the required guide booklets and forms for evaluating vocational education programs; and (8) continue to explore the need for additional data systems.

VTP 2544

Title: Vocational Information Service: Operation VIS.

Principal Investigator: Sue B. Mays  
Recipient Institution: Scott County Schools, Gate City, Virginia 24251  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$2,936.00  
Supporting Agency: Virginia State Department of Education, Division of  
 Vocational Education, Richmond, Virginia 23216  
Contract and/or Control No: No data

Summary of Project: Project objectives will be to: (1) develop an orientation program for students in the Scott County schools concerning available vocational offerings; (2) help guidance counselors, teachers, and administrators become more knowledgeable and informed about the total vocational education programs; and (3) develop a public information program on the scope, needs, and plans of vocational education in Scott County. To accomplish these objectives, the following activities are proposed: (1) appoint a vocational education information committee, (2) identify intended audiences, (3) write a narrative description, (4) produce slides and movies of the various aspects of the vocational education program, and (5) implement the programs for students, faculty, and the public.

VTP 2545

Title: Vocational-Technical Education Consortium of States in Virginia.

Principal Investigator: J. Dale Oliver  
Recipient Institution: Virginia Polytechnic Institute and State University,  
 Blacksburg, Virginia 24061  
Start - End Dates: July 1, 1976 to June 30, 1977  
Annual Funding: \$63,558.00  
Supporting Agency: Virginia State Department of Education, Richmond, Virginia  
 23216  
Contract and/or Control No: No data

Summary of Project: The major objective of this research is to develop the catalogs of performance objectives and criterion-referenced measures for which Virginia is responsible through the Vocational-Technical Education Consortium of States (V-TECS). This involves completing the two catalogs currently assigned, completing two additional catalogs to be assigned during Fiscal Year 1976, and initiating work on two additional catalogs to be assigned during Fiscal Year 1977. The contributory objectives are: (1) to determine what has been developed in performance objectives and criterion-referenced measures in the selected occupational areas; (2) to survey incumbent workers in the selected areas to determine the tasks performed and the relative amount of time spent on each; (3) to use the survey results in developing catalogs of performance objectives and criterion-referenced measures; and (4) to field test the catalogs to determine their instructional validity and to prepare a final version of the catalog reflecting the results of the field test.

VTP 2546

Title: Communication Flow and Transfer of Vocational-Technical Information.

Principal Investigator: Gene Bigger and Merle E. Landerholm  
Recipient Institution: Bellevue Community College, 3000 145th Place S.E.,  
 Bellevue, Washington 98007  
Start - End Dates: April 1, 1976 to March 31, 1977  
Annual Funding: \$24,300.00  
Supporting Agency: Research Coordinating Unit, Washington State Commission  
 for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington  
 98504  
Contract and/or Control No: No data

Summary of Project: The purpose of this project is to develop and implement an active service program which facilitates the communication flow and transfer of vocational-technical information resulting from research findings; developmental, experimental, and pilot programs; training programs; and other related resources to the vocational education decisionmaker who implements the findings of research and demonstration projects. Products to be used in gathering information are state research and development projects, U.S.O.E. documents, books, journals, and other articles, ERIC materials, AIM/ARM materials, needs assessment reports, occupational analysis reports, and miscellaneous searching activities. Media facilitating transfer flow of information are abstracts, brochures, bibliographies, newsletters, monographs, annotations, conference displays, field consultations, and personal communication.

VTP 2547

Title: Development of Course Outlines for all Approved Courses of Vocational Agriculture for the State of Washington.

Principal Investigator: David Steele

Recipient Institution: North Thurston School District 3, 6202 Pacific Avenue, Lacey, Washington 98503

Start - End Dates: April 1976 to September 1976

Annual Funding: \$1,857.00

Supporting Agency: Research Coordinating Unit, Washington State Commission for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No: No data

Summary of Project: This project proposes to produce recommended course outlines for vocational agriculture courses in the state of Washington based on a survey and consolidation of existing course outlines. A statewide survey will be conducted asking each vocational agriculture teacher to furnish a detailed outline of each vocational agriculture class that he or she teaches. These returned outlines will then be segregated by class. The class outlines will be consolidated into a recommended outline showing units to be taught and the amount of time to be spent on each unit. When this phase of the project is completed, a committee of 16 master teachers will be called together to review the consolidated outlines in preparation for final typing and publishing. The published outlines will be made available to vocational directors, vocational agriculture teachers, local administrators, and advisory committees to use in developing new classes and vocational agriculture departments, updating existing classes, and revising existing curriculums.

VTP 2548

Title: Employer Perspectives of Washington State Cooperative Distributive Education Programs.

Principal Investigator: Bill D. Syhlman

Recipient Institution: Eastern Washington State College, Cheney, Washington 99004

Start - End Dates: June 1, 1976 to December 31, 1976

Annual Funding: \$1,950.00

Supporting Agency: Research Coordinating Unit, Washington State Commission for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No: No data

Summary of Project: This research project will measure the opinions of Washington State training sponsors employing distributive education students concerning program effectiveness. There will be a major effort to determine the degree of satisfaction or dissatisfaction of employers as their opinions relate to the distributive education program. A random sample of 500 business training sponsors is the basis for this study. Collegiate Distributive Education Clubs of America (DECA) members will design the questionnaire and data

will be analyzed by the Eastern Washington State College computer center and Collegiate DECA members.

VTP 2549

Title: An Individual Progress Curriculum to Decrease the Dropout Percentage in Beginning and Intermediate Gregg Shorthand at Community Colleges.

Principal Investigator: Helen M. Freeman

Recipient Institution: North Seattle Community College, 9600 College Way, Seattle, Washington 98103

Start - End Dates: June 1976 to May 1977

Annual Funding: \$2,000.00

Supporting Agency: Research Coordinating Unit, Washington State Commission for Vocational Education, Building 17 - Airdustrial Park, Olympia, Washington 98504

Contract and/or Control No: No data

Summary of Project: This project proposes to decrease the percentage of students who do not complete the first quarter of vocational shorthand from 50 percent to 25 percent per course section. The primary means of effecting this decreased percentage will be to change the first two quarters of shorthand study to an individual progress approach. Such an approach will afford slower and/or disadvantaged students more individualized help and/or more time to meet performance goals. In order to develop this individual-progress approach, the following procedures will be implemented: (1) definition of performance goals for beginning and intermediate modules, (2) comparison of materials for Gregg shorthand now available, (3) selection of texts and supplementary materials suitable for each module's performance goals, (4) selection and development of performance goal testing materials for each module, (5) development of student progress records for each module, and (6) field test of each module. The effectiveness of the individual-progress approach will be determined by comparing the percentage of student dropouts with that of the present average dropout percentage of 50 percent.

VTP 2550

Title: Meaningful Industrial Training and Employment (MITE).

Principal Investigator: Carl O. Jacobsen

Recipient Institution: Community Services for the Handicapped (CSH), 10045 29th NE, Seattle, Washington 98125

Start - End Dates: April 1976 to December 1976

Annual Funding: \$2,000.00

Supporting Agency: Office of State Superintendent of Public Instruction and State Board of Education, Olympia, Washington 98501

Contract and/or Control No: No data

Summary of Project: The purpose of this project will be to develop meaningful nonstereotyped opportunities for the handicapped in industry, business, and government. This project will utilize on-the-job training in areas such as

metal fabrication (i.e., drill press operator), electronics assembly, office machine operation (i.e., photocopy), woodworking, and the instrument shop of General Telephone Company (technician III), as opposed to the stereotyped and lower paying fields of food service, janitorial, and health care. This project will contribute to vocational education (and vocational rehabilitation) because it will determine: (1) if a concentrated effort results in better-paying, less stereotyped, long-lasting employment for the developmentally disabled, and (2) the level of vocational accomplishment which can be attained by the developmentally disabled.

VTP 2551

Title: Presenting Local Employment Opportunities and Related Training Programs through Filmstrips.

Principal Investigator: Charles Judd

Recipient Institution: Highline Public Schools, 15675 Ambaum Boulevard S.W., Seattle, Washington 98166

Start - End Dates: April 1976 to May 1977

Annual Funding: \$5,326.00

Supporting Agency: Office of State Superintendent of Public Instruction and State Board of Education, Olympia, Washington 98501

Contract and/or Control No: No data

Summary of Project: This project will demonstrate how the need for "localized" vocational guidance information at the secondary level can be partially met through the production of inexpensive filmstrips. Procedures will include: (1) production of a pilot filmstrip which depicts the major categories of employment opportunities in the greater Seattle labor market and relates these opportunities to local training opportunities offered at the secondary and postsecondary level; (2) editing, revision, and field testing of the pilot filmstrip; and (3) use of the completed filmstrip followed by an evaluation of its impact on students. Ten copies of the completed filmstrip will be presented to the Curriculum Management Center of the Commission for Vocational Education. Additional copies of the filmstrip will be made available (at cost) to local school districts.

VTP 2552

Title: Determining the Effect of Public Information Activities on Vocational Enrollment in West Virginia.

Principal Investigator: Julie LeJeune

Recipient Institution: West Virginia University, Morgantown, West Virginia 26506

Start - End Dates: August 1, 1976 to April 30, 1977

Annual Funding: \$10,140.00

Supporting Agency: West Virginia State Board of Education, Division of Vocational Education, Department of Education, Charleston, West Virginia 25305

Contract and/or Control No: No data

Summary of Project: The objective of this study is to pinpoint the public information activities that contribute to increased enrollment in West Virginia's vocational education schools. Administrators at the ten vocational education schools showing highest and lowest percentage enrollment will be given a self-administered questionnaire designed to identify the public information practices in use, persons who aid in their public information efforts, etc. Included in the ten schools will be eight county/multicounty centers and two comprehensive high schools from each category. A correlation between enrollment and use of public information practices will be drawn from questionnaire results. Personal interviews with administrators, teachers, and students, following examination of the questionnaire, will supplement information initially enlisted. Conclusions and recommendations will be based on questionnaire analysis and input received during personal interview visits.

VTP 2553

Title: Vocational Reading Program - V.R.P.

Principal Investigator: Jim Spears

Recipient Institution: Wetzel County Board of Education, P.O. Box 248 (Masonic Building Main Street), New Martinsville, West Virginia 26155

Start - End Dates: June 15, 1976 to June 30, 1977

Annual Funding: \$11,052.00

Supporting Agency: West Virginia State Board of Education, Division of Vocational Education, Department of Education, Charleston, West Virginia 25305

Contract and/or Control No: No data

Summary of Project: The project is designed to give high school students reading at 7th grade or lower levels training in remedial reading that is related to the world of work, future vocational-technical programs, and career education. Students will be screened for reading levels and placed in a self-teaching remedial program. Reading posttesting will be done when the student completes the program. Students selected will be pretested and posttested for gains in career knowledge. Success or failure of the program will enable the county to evaluate it for use in other local high schools. The work vocabulary emphasized should give students reading skills to succeed in the world of work and everyday living. Students selected to participate in the program will be chosen on the basis of present STS scores, grade point average, and teacher and other referrals. After initial screening criteria have been met, the Gates MacGinitie Reading Survey E and F, Form 1 will be given to selected students. All students reading at 7th grade level and below will be considered. The method to be used is an automated, self-pacing, multiple sensory teaching unit. An integrated system of slides, visuals, sound tapes, student workbooks, and texts are utilized.

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