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**ABSTRACT**

The publication is presented with the purpose of providing educators easy access to current materials relevant to vocational-technical instruction and research. The document has three major sections: Instructional Materials, Research Materials, and Projects in Progress. The first two sections have three subsections: abstracts, subject index, and author index. The approximately 112 abstracts of instructional materials and approximately 86 abstracts of research materials are arranged by numbers assigned by the center. Access to them is gained through the author index and/or the subject index. The subject index descriptors are those listed in the "Thesaurus of ERIC Descriptors." The third section, Projects in Progress, announces titles by State and Indexes in-progress research and curriculum development projects funded by the Vocational Education Amendments of 1968 (Public Law 90-576), Parts C, D, and I. A subsection on curriculum includes a curriculum management centers directory. A research subsection provides a State vocational education research offices directory. (AG)

**ABSTRACTS of  
INSTRUCTIONAL  
and  
RESEARCH  
MATERIALS**

**AIM / ARM**

**in  
Vocational  
and  
Technical  
Education**

**THE CENTER FOR VOCATIONAL  
AND TECHNICAL EDUCATION**



**THE OHIO STATE UNIVERSITY  
1680 Kenny Rd., Columbus, Ohio 43210**

**VOLUME 7  
NUMBER 2  
1974**

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EDUCATION & WELFARE  
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## MISSION OF THE CENTER

The Center for Vocational and Technical Education is an independent unit on The Ohio State University campus. It serves a catalytic role in establishing consortia to focus on relevant problems in vocational and technical education. The Center is comprehensive in its commitment and responsibility, multidisciplinary in its approach and interinstitutional in its program.

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

- . Conducting research and development to fill voids in existing knowledge and to develop methods for applying knowledge.
- . Programmatic focus on state leadership development, vocational teacher education, curriculum, vocational choice and adjustment.
- . Stimulating and strengthening the capacity of other agencies and institutions to create durable solutions to significant problems.
- . Providing a national information storage, retrieval and dissemination system for vocational and technical education.

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

## PREFACE

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

The Center assembles, under one cover, information about instructional and research materials 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.

We are indebted to our colleagues within the profession for providing us instructional and research materials as they become available. We also appreciate the contributions of 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 forward to AIM/ARM at The Center 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  
and Technical Education

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## NOTICE

WE ENCOURAGE THE FORWARDING OF TWO COPIES OF MATERIALS RELATING TO VOCATIONAL AND TECHNICAL EDUCATION FOR POSSIBLE INCLUSION IN THE AIM/ARM SYSTEM TO:

AIM/ARM  
THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION  
1960 KENNY ROAD  
COLUMBUS, OHIO 43210

SAMPLE ABSTRACT

Accession number sequentially assigned to documents as they are processed.

VT 100 000

Author(s).

RICHARDS, F.L.

MF means microfiche. Documents not in VT-ERIC MICROFICHE SETS are available from alternate sources cited.

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.

Report number and/or bureau number.

MF AVAILABLE IN VT-ERIC SET.

Agency responsible for initiating, funding, and managing the project producing the document.

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

Date published and number of pages.

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

Contract (OEC) or grant (OEG) number.

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

PUB DATE - 71 56P.

Alternate source for obtaining documents.

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.

Informative condensation of document content.

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)

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 three major sections: Instructional Materials, Research Materials, and Projects in Progress.

The Instructional and Research Materials sections each have three subsections: Abstracts, Subject Index, and Author Index. The abstracts 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.

The Subject and Author Indexes help you locate, by subject descriptors conforming to those listed in the Thesaurus of ERIC Descriptors and by author/institutions names, abstracts of documents relevant to your information needs.

The Projects in Progress Section, divided into Curriculum and Research subsections, announces through title by state indexes and abstracts, in-progress research and curriculum development projects funded by the Vocational Education Amendments of 1968 (Public Law 90-576), Parts C, D, and I. The Curriculum subsection of Projects in Progress also includes a Curriculum Management Centers Directory while the Research subsection provides a State Vocational Education Research Offices Directory. This section helps you keep aware of ongoing activities in vocational and technical education curriculum development and research.

Full texts of most of the documents announced in AIM/ARM are available in the AIM/ARM, VT-ERIC Microfiche Sets (see page 355). Those documents not listed as being available "MF AVAILABLE IN VT-ERIC SET" are usually obtained from the listed author/publisher.

I N S T R U C T I O N A L  
M A T E R I A L S  
S E C T I O N  
( A I M )

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**INSTRUCTIONAL MATERIALS ABSTRACTS**

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**VT 100 201**  
**GUIDELINES FOR COOPERATING**  
**TEACHERS AND STUDENT TEACHERS OF**  
**DISTRIBUTIVE EDUCATION.**

DELAWARE STATE COLL., DOVER.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - 72 42P.

DESCRIPTORS - \*COOPERATING  
 TEACHERS; \*DISTRIBUTIVE EDUCATION  
 TEACHERS; \*STUDENT TEACHERS;  
 \*TEACHER EDUCATION CURRICULUM;  
 \*VOCATIONAL DEVELOPMENT;  
 COOPERATIVE EDUCATION;  
 DISTRIBUTIVE EDUCATION; LEARNING  
 ACTIVITIES; LEARNING EXPERIENCE  
 IDENTIFIERS - \*DELAWARE STATE COLL

ABSTRACT - THIS SET OF GUIDELINES  
 IS DESIGNED FOR THE COOPERATING  
 TEACHER IN THE STUDENT TEACHING  
 PART OF THE CURRICULUM FOR  
 DISTRIBUTIVE EDUCATION TEACHERS.  
 VARIOUS ACTIVITIES AND EXPERIENCES  
 TO WHICH THE STUDENT TEACHER NEEDS  
 EXPOSURE ARE PRESENTED FOR THE  
 COOPERATING TEACHER TO USE IN  
 GUIDING THE STUDENT'S CAREER  
 DEVELOPMENT. IN ORDER FOR THE  
 STUDENT TEACHER TO APPLY CONCEPTS  
 ALREADY LEARNED IN THE COURSE  
 WORK, TO COUNSEL STUDENTS, TO PLAN  
 LEARNING ACTIVITIES, ASSIST IN THE  
 PUBLIC RELATIONS PROGRAM OF THE  
 PUBLIC SCHOOL, AND TO DIRECT  
 STUDENTS IN THEIR CLUB ACTIVITIES,  
 THE GUIDELINES ARE ORGANIZED BY  
 THE CORRESPONDING CHAPTER  
 HEADINGS. THE APPENDIX CONTAINS 13  
 FORMS USED IN THE STUDENT TEACHING  
 PROGRAM AT DELAWARE STATE COLLEGE.  
 (MU)

**VT 100 202**  
**GROHE, WILLIAM**  
**PRECISION INSPECTION MANUAL-2.**

RUTGERS, THE STATE UNIV., NEW  
 BRUNSWICK, N.J. CURRICULUM LAB.  
 NEW JERSEY STATE DEPT. OF  
 EDUCATION, TRENTON, DIV. OF  
 VOCATIONAL EDUCATION.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - OCT 63 150P.

DESCRIPTORS - \*INSTRUMENTATION;  
 \*MANUALS; \*MEASUREMENT  
 INSTRUMENTS; \*STUDY GUIDES;  
 EQUIPMENT UTILIZATION; INSPECTION

ABSTRACT - LESSONS IN THE  
 PRINCIPLES, USE, METHODS OF  
 TESTING, AND CARE OF VERNIER  
 MEASURING INSTRUMENTS AND OF  
 PRECISION GAGE BLOCKS ARE  
 PRESENTED, TOGETHER WITH FILL-IN  
 STATEMENTS, TRUE OR FALSE LISTS,  
 AND ASSIGNMENTS. ACHIEVEMENT TESTS  
 ARE PROVIDED AT THE END OF EACH  
 SECTION. A GLOSSARY AND REFERENCES  
 ARE APPENDED. (MF)

**VT 100 203**  
**AIRFRAME AND POWERPLANT MECHANICS**

**CERTIFICATION GUIDE.**

FEDERAL AVIATION ADMINISTRATION  
 (DOT), WASHINGTON, D.C. FLIGHT  
 STANDARDS SERVICE.  
 MF AVAILABLE IN VT-ERIC SET.  
 AC-65-2B  
 SUPERINTENDENT OF DOCUMENTS, U.S.  
 GOVERNMENT PRINTING OFFICE,  
 WASHINGTON, D.C. 20402 (S/N 5007-  
 0172; \$ .65)  
 PUB DATE - 71 65P. REVISED

DESCRIPTORS - \*AVIATION MECHANICS;  
 \*CERTIFICATION; \*STANDARDS; \*STUDY  
 GUIDES; \*TESTS

ABSTRACT - THIS GUIDE WAS PREPARED  
 TO PROVIDE INFORMATION TO  
 PROSPECTIVE AIRFRAME AND  
 POWERPLANT MECHANICS AND OTHER  
 PERSONS INTERESTED IN THE  
 CERTIFICATION OF MECHANICS. IT  
 CONTAINS INFORMATION ABOUT THE  
 CERTIFICATE REQUIREMENTS,  
 APPLICATION PROCEDURES, AND THE  
 MECHANIC WRITTEN, ORAL, AND  
 PRACTICAL TESTS. SAMPLE WRITTEN  
 TEST QUESTIONS AND RECOMMENDED  
 STUDY MATERIALS ARE INCLUDED,  
 ALONG WITH PORTIONS OF THE FEDERAL  
 AVIATION REGULATIONS, THE FEDERAL  
 AVIATION ADMINISTRATION REGIONAL  
 OFFICES, AND FLIGHT STANDARDS  
 DISTRICT OFFICES. (AUTHOR/MF)

**VT 100 204**  
**DRIVER EDUCATION FOR IOWA SCHOOLS:**  
**IOWA COOPERATIVE CURRICULUM**  
**DEVELOPMENT PROGRAM.**

IOWA STATE DEPT. OF PUBLIC  
 INSTRUCTION, DES MOINES.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - 71 101P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
 \*DRIVER EDUCATION; \*TRAFFIC  
 SAFETY; COURSE CONTENT; SECONDARY  
 GRADES; SIMULATORS  
 IDENTIFIERS - \*IOWA

ABSTRACT - THIS CURRICULUM GUIDE  
 WAS DESIGNED TO HELP THE DRIVER  
 EDUCATION TEACHERS OF IOWA BY  
 PROVIDING A PATTERN FOR  
 ADMINISTRATION, ORGANIZATION, AND  
 SUPERVISION AND A SUGGESTED COURSE  
 OUTLINE FOR DRIVER EDUCATION IN  
 THE PUBLIC SECONDARY SCHOOLS.  
 INCLUDED ARE SECTIONS ON LEGAL  
 PROVISIONS GOVERNING DRIVER  
 EDUCATION, ORGANIZATION AND  
 ADMINISTRATION OF DRIVER AND  
 TRAFFIC SAFETY PROGRAMS, THE  
 CLASSROOM PHASE, THE LABORATORY  
 PHASE, AND AN APPENDIX OF FORMS  
 AND SUGGESTIONS FOR THE TEACHER  
 AND THE STUDENT. (MF)

**VT 100 205**  
**ENGINE LATHE OPERATOR INSTRUCTOR'S**  
**GUIDE. PART OF SINGLE-TOOL SKILLS**  
**PROGRAM MACHINE INDUSTRIES**  
**OCCUPATIONS.**

NEW YORK STATE EDUCATION DEPT., AL  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 129P.

DESCRIPTORS - \*METAL WORKING  
OCCUPATIONS; \*SHOP CURRICULUM;  
\*TEACHING GUIDES; \*TRADE AND  
INDUSTRIAL EDUCATION; ADULT  
EDUCATION; ENTRY WORKERS; MACHINE  
TOOL OPERATORS; MACHINERY  
INDUSTRY; MACHINISTS; SECONDARY  
GRADES; SHEET METAL WORKERS; TOOL  
AND DIE MAKERS

ABSTRACT - THIS INSTRUCTIONAL  
GUIDE FOR A COURSE OF STUDY IN  
METALWORKING IN ADULT EDUCATION  
PROGRAMS, DESIGNED TO PREPARE  
STUDENTS FOR ENTRY-LEVEL JOBS, CAN  
ALSO BE USED IN MANPOWER PROGRAMS  
OR IN SECONDARY SCHOOLS. THE  
COURSE CONTENT INCLUDES 16  
PROJECTS SUCH AS THE MULTI-  
DIAMETER SHAFT, DIE WRENCH, AND  
SELF-CENTERING VICE, THE TOTAL  
COMPRISING 48 JOB ASSIGNMENTS.  
EACH JOB SHEET FOR SHOP PROJECTS  
CONSISTS OF OBJECTIVES, EQUIPMENT,  
REFERENCES, PROCEDURES,  
TECHNIQUES, AND RELATED  
INFORMATION ALONG WITH A SUGGESTED  
TIME ALLOWANCE. WORKING DRAWINGS  
ARE KEYED TO SPECIFIC PROJECTS.  
FOLLOWING THE INTRODUCTION IS A  
LISTING OF ABBREVIATIONS USED IN  
THE TEXT AND DRAWINGS. (WT)

VT 100 206  
EXPLORING MY WORLD: CAREER  
INSTRUCTIONAL UNIT 3, GRADE 2.

NEWPORT INDEPENDENT SCHOOL DISTRICT  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 17P.

DESCRIPTORS - \*CAREERS;  
\*CURRICULUM GUIDES; \*INTEGRATED  
CURRICULUM; \*TEACHING GUIDES;  
ELEMENTARY GRADES; GRADE 2;  
PROJECTS; VOCATIONAL DEVELOPMENT  
IDENTIFIERS - \*CAREER AWARENESS

ABSTRACT - THIS GUIDE IS ONE OF A  
SERIES DEVELOPED TO ASSIST  
TEACHERS IN IMPLEMENTING  
INSTRUCTIONAL COMPONENTS OF THE  
INTEGRATED CAREER CURRICULUM, AN  
ELEMENTARY GRADE PROJECT.  
SPECIFICALLY, THIS GUIDE WAS  
DESIGNED FOR USE IN IMPLEMENTING  
UNIT 3 AT THE SECOND GRADE LEVEL.  
THE BASIC AIM OF THE UNIT IS TO  
HELP STUDENTS EXPLORE THE WORLD OF  
WORK THROUGH FIELD TRIPS WHICH  
ALLOW THEM ON-SITE OBSERVATIONS.  
CONTENTS INCLUDE: (1) GENERAL  
INSTRUCTIONAL PROCEDURES FOR  
CONDUCTING UNIT ACTIVITIES, (2) AN  
OVERVIEW OF THE INTEGRATED CAREER  
CENTERED CURRICULUM PROJECT, (3) A  
SET OF LESSONS DEVELOPED AROUND  
UNIT AIMS OUTLINING THE CONCEPTS  
TO BE EMPHASIZED, ESTABLISHED  
OBJECTIVES, SUGGESTED ACTIVITIES,

A LIST OF MATERIALS AND RESOURCES,  
AND EVALUATION CRITERIA TO BE USED  
IN MAKING STUDENT ASSESSMENTS, (4)  
A LIST OF RELATED RESOURCES NOT  
PLACED IN THE UNIT, AND (5) A  
BIBLIOGRAPHY OF SOURCES UTILIZED  
IN PREPARING THE UNIT. (SN)

VT 100 207  
EXPLORING MY WORLD: CAREER  
INSTRUCTIONAL UNIT 3, GRADE 3.

NEWPORT INDEPENDENT SCHOOL DISTRICT  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 16P.

DESCRIPTORS - \*CAREERS;  
\*CURRICULUM GUIDES; \*INTEGRATED  
CURRICULUM; \*TEACHING GUIDES;  
ELEMENTARY GRADES; GRADE 3;  
PROJECTS; VOCATIONAL DEVELOPMENT  
IDENTIFIERS - \*CAREER AWARENESS

ABSTRACT - THIS GUIDE IS ONE OF A  
SERIES DEVELOPED TO ASSIST  
TEACHERS IN IMPLEMENTING  
INSTRUCTIONAL UNIT COMPONENTS OF  
THE INTEGRATED CAREER CURRICULUM,  
AN ELEMENTARY LEVEL PROJECT.  
SPECIFICALLY, THIS GUIDE WAS  
DESIGNED FOR USE IN IMPLEMENTING  
UNIT 3 AT THE THIRD GRADE LEVEL.  
THE BASIC AIM OF THE UNIT IS TO  
HELP STUDENTS EXPLORE THE WORLD OF  
WORK THROUGH FIELD TRIPS WHICH  
ALLOW THEM TO MAKE ON-SITE  
OBSERVATIONS. CONTENTS INCLUDE:  
(1) GENERAL INSTRUCTIONAL  
PROCEDURES FOR CONDUCTING UNIT  
ACTIVITIES, (2) AN OVERVIEW OF THE  
INTEGRATED CAREER CENTERED  
CURRICULUM PROJECT, (3) A SET OF  
LESSONS DEVELOPED AROUND THREE  
UNIT AIMS OUTLINING THE CONCEPTS  
TO BE EMPHASIZED, ESTABLISHED  
OBJECTIVES, SUGGESTED ACTIVITIES,  
A LIST OF MATERIALS AND RESOURCES,  
AND EVALUATION CRITERIA TO BE USED  
IN MAKING STUDENT ASSESSMENTS, (4)  
A LIST OF MATERIALS AND RESOURCES  
RELATED TO THE TOPIC, AND (5)  
SAMPLE TESTS TO BE GIVEN TO  
STUDENTS UPON THE COMPLETION OF  
THE UNIT. (SN)

VT 100 208  
THE NATIONAL APPRENTICESHIP PROGRAM  
MANPOWER ADMINISTRATION (DOL),  
WASHINGTON, D.C. BUREAU OF  
APPRENTICESHIP AND TRAINING.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 33P. 1972 REVISION

DESCRIPTORS - \*APPRENTICESHIPS;  
\*INPLANT PROGRAMS; \*JOB TRAINING;  
\*MANPOWER DEVELOPMENT; INDUSTRIAL  
TRAINING; OCCUPATIONS  
IDENTIFIERS - \*NATIONAL  
APPRENTICESHIP PROGRAM

ABSTRACT - THIS BOOKLET PRESENTS  
AN OVERVIEW OF THE NATIONAL  
APPRENTICESHIP PROGRAM WITH  
SPECIAL EMPHASIS ON ITS PROVISIONS

AND THEIR APPLICATION IN MODERN INDUSTRY. SPECIFIC CONTENTS OF THE DOCUMENT INCLUDE AN EXPLANATION OF: (1) WHAT APPRENTICESHIP IS, (2) WHY APPRENTICESHIP IS IMPORTANT, (3) WHAT APPRENTICESHIP CAN DO, (4) HOW THE NATIONAL PROGRAM OPERATES, (5) BASIC STANDARDS OF AN APPRENTICESHIP PROGRAM, (6) LAWS AND REGULATIONS AFFECTING APPRENTICESHIP, (7) VETERANS' TRAINING ALLOWANCES, (8) WHERE APPRENTICESHIPS ARE EMPLOYED, (9) WHERE TO APPLY FOR ADMISSION INTO AN APPRENTICESHIP PROGRAM, AND (10) APPRENTICEABLE OCCUPATIONS. INCLUDED ALSO IS A LIST OF THE OCCUPATIONS WHICH MEET CRITERIA FOR APPRENTICEABLE OCCUPATIONS. (SN)

VT 100 209  
LISOWSKI, ROBERT  
CAREERS IN ACCOUNTING: A CAREER EDUCATION UNIT IN BUSINESS EDUCATION.

MCKEESPORT AREA SCHOOL DISTRICT, P  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 6P.

DESCRIPTORS - \*ACCOUNTING;  
\*BUSINESS EDUCATION; \*JOB SKILLS;  
\*RESOURCE UNITS; \*UNIT PLAN;  
OCCUPATIONAL INFORMATION;  
OCCUPATIONS; SECONDARY GRADES;  
VOCATIONAL DEVELOPMENT

ABSTRACT - THIS INSTRUCTIONAL UNIT WAS DESIGNED TO ACQUAINT SECONDARY ACCOUNTING STUDENTS IN PENNSYLVANIA WITH OCCUPATIONS WHICH UTILIZE THE SKILLS WHICH THEY ARE CURRENTLY BEING TAUGHT IN THEIR CLASSES. CONTENTS OF THE UNIT INCLUDE: (1) STATEMENTS OF OBJECTIVES, (2) AN OUTLINE OF THE SUBJECT MATTER TO BE MASTERED DURING THE COURSE OF THE UNIT, (3) A LIST OF THE OCCUPATIONAL AREAS TO BE EXPLORED, (4) AN ENUMERATION OF STUDENT LEARNING ACTIVITIES, (5) SUGGESTED STUDENT EVALUATION TECHNIQUES, AND (6) INFORMATION TO THE TEACHER INSTRUCTING HER TO CONSTRUCT AN APPROPRIATE BIBLIOGRAPHY. (SN)

VT 100 210  
CHIPLEY, DONALD R.; CHIPLEY, SHFIL  
CAREER DEVELOPMENT IN THE ELEMENTARY SCHOOL--A BIBLIOGRAPHY OF SELECTED AND SUPPLEMENTARY RESOURCES ORGANIZED IN TERMS OF OCCUPATIONAL CLUSTERS USED IN THE GARY, INDIANA PROGRAM OF VOCATIONAL-TECHNICAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 24P.  
PREPARED FOR INSERVICE WORKSHOP ON CAREER DEVELOPMENT EDUCATION (UNIVERSITY OF GEORGIA, 1970).

DESCRIPTORS - \*BIBLIOGRAPHIES;

\*CAREERS; \*OCCUPATIONAL CLUSTERS;  
\*RESOURCE MATERIALS; \*VOCATIONAL DEVELOPMENT; CAREER PLANNING;  
ELEMENTARY GRADES; OCCUPATIONAL INFORMATION IDENTIFIERS - CAREER AWARENESS

ABSTRACT - DESIGNED FOR USE AT THE ELEMENTARY LEVEL, THIS TWO-PART BIBLIOGRAPHY CONTAINS LISTINGS OF BOOKS, FILMS, FILMSTRIPS, AND SONGS CENTERED AROUND THE WORLD OF WORK. THE RESOURCES ARE LISTED IN ALPHABETICAL ORDER BY AUTHOR AND ENTERED UNDER THE OCCUPATIONAL CLUSTER TO WHICH THEY APPLY. ENTRIES UNDER WHICH RESOURCES ARE CITED INCLUDE: (1) BUILDING CONSTRUCTION, (2) BUSINESS AND COMMERCE, (3) COMMUNICATIONS, (4) EXTRACTION INDUSTRIES, (5) HEALTH AND PERSONAL SERVICES, (6) MARINE TRADES, (7) MECHANICS AND METAL WORKING, (8) PROTECTIVE SERVICES, (9) TECHNOLOGY, (10) TEXTILES AND LEATHER, AND (11) MISCELLANEOUS. (SN)

VT 100 211  
WILSON, MARIAN  
BIBLIOGRAPHY OF RESOURCE MATERIALS ON FOOD PRODUCTION AND SERVICE.

AMHERST REGIONAL HIGH SCHOOL, MASS  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - NOV71 36P.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*BIBLIOGRAPHIES;  
\*FOOD SERVICE; \*FOOD SERVICE INDUSTRY; \*FOODS INSTRUCTION;  
CONSUMER SCIENCE; COOKING INSTRUCTION; OCCUPATIONAL HOME ECONOMICS; RESOURCE GUIDES

ABSTRACT - THIS BIBLIOGRAPHY CONTAINS A CATEGORICAL LISTING OF RESOURCE MATERIALS ON FOOD PRODUCTION AND SERVICES. CATEGORIES UNDER WHICH THE ENTRIES ARE CITED INCLUDE: (1) BOOKS, (2) BOOKLETS, (3) FILM LOOPS, (4) FILMS, (5) FILMSTRIPS AND SLIDES, (6) PERIODICALS, AND (7) PROGRAMMED LEARNING MATERIALS. SOME OF THE ENTRIES IN THE CATEGORIES OF BOOKS, FILMS, FILM LOOPS, FILMSTRIPS, AND PROGRAMMED MATERIALS CONTAIN BRIEF ANNOTATIONS. (SN)

VT 100 212  
HARRIS, CHARLES A., COMP.  
ACTIVITIES AND CURRICULUM OUTLINES FOR AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION AT CARVER MIDDLE SCHOOL--GRADES 6-8.

NEW ORLEANS PUBLIC SCHOOLS, LA.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 21P.

DESCRIPTORS - \*COURSE CONTENT;  
\*CURRICULUM GUIDES; \*DEMONSTRATION PROGRAMS; \*VOCATIONAL DEVELOPMENT;

\*VOCATIONAL EDUCATION; MIDDLE SCHOOLS; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; WORK EXPERIENCE PROGRAMS  
IDENTIFIERS - \*CARVER MIDDLE SCHOOL

ABSTRACT - THIS BOOKLET WAS DEVELOPED AS A GUIDE FOR MIDDLE SCHOOL ADVISORS AND COUNSELORS WORKING IN THE EXEMPLARY OCCUPATIONAL PREPARATION PROGRAM BEING IMPLEMENTED IN A MIDDLE SCHOOL WITHIN THE NEW ORLEANS PARISH SCHOOL SYSTEM. OBJECTIVES OF THE PROGRAM WERE TO PROVIDE A CURRICULUM WHICH INCORPORATES OCCUPATIONAL INFORMATION AND GUIDANCE AND BUILDS UPON CONCEPTS ALREADY FORMULATED AT THE ELEMENTARY LEVEL AS WELL AS TO PROVIDE OPPORTUNITIES FOR POTENTIAL DROPOUTS AND REPEAT STUDENTS TO DEVELOP CAPABILITIES IN ONE OF THE THREE SEMI-SKILLED VOCATIONAL FIELDS OF CARPENTRY, CHILD CARE, AND/OR FOOD HANDLING. SPECIFIC CONTENTS OF THIS GUIDE INCLUDE: (1) ACTIVITIES WHICH THE MIDDLE SCHOOL ADVISOR IS RESPONSIBLE FOR DIRECTING, (2) OBJECTIVES OF THE SEMI-SKILLED CLASSES, AND (3) GENERAL COURSE OUTLINES AND INSTRUCTIONAL PROCEDURES FOR EACH OF THE THREE SEMI-SKILLED CLASSES. (SN)

VT 100 213  
CAREERS IN ELECTRONICS AND ALLIED OCCUPATIONS (QUIN-1). COURSE OUTLINE.

DADE COUNTY PUBLIC SCHOOLS, MIAMI,  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 44P.

DESCRIPTORS - \*COURSE CONTENT;  
\*DEVELOPMENTAL PROGRAMS;  
\*ELECTRONICS; \*VOCATIONAL DEVELOPMENT; \*VOCATIONAL EDUCATION; CAREERS; CURRICULUM GUIDES; OCCUPATIONAL INFORMATION; SECONDARY GRADES

ABSTRACT - THIS TWO-PART BOOKLET WAS DESIGNED TO PROVIDE STUDENTS ENROLLED IN THE COURSE, "CAREERS IN ELECTRONICS AND ALLIED OCCUPATIONS", WITH AN OVERVIEW OF THE COURSE CONTENT AS WELL AS TO PROVIDE THEM WITH A BIBLIOGRAPHIC SOURCE WHICH WOULD ENABLE THEM TO EXPLORE THE FIELD IN GREATER DEPTH. DESIGNED FOR IMPLEMENTATION ON A QUINESTER SYSTEM, CREDIT FOR THE COURSE REQUIRES THE SUCCESSFUL COMPLETION OF TWO QUINESTERS OR 120 HOURS OF INSTRUCTION. INSTRUCTION IS FACILITATED PRIMARILY THROUGH THE USE OF MODULES AND THE STUDENT IS ASSIGNED MANIPULATIVE JOB ASSIGNMENTS WITHIN A LABORATORY EQUIPPED TO SIMULATE THE REAL ATMOSPHERE FOUND IN THE ELECTRONICS COURSE COMPLETE WITH

STATEMENTS OF GOALS AND OBJECTIVES, TOPICS TO BE EXPLORED, A BIBLIOGRAPHY OF RESOURCE MATERIALS, AND POST TESTS TO BE USED IN ASSESSING STUDENT ACHIEVEMENT. (AUTHOR/SN)

VT 100 214  
LAJOIE, GARNER  
VOCATIONAL BUILDING CONSTRUCTION I

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 28P.  
DEVELOPED FOR AN UNIDENTIFIED HIGH SCHOOL IN MAINE.

DESCRIPTORS - \*BUILDING TRADES;  
\*CARPENTERS; \*SHOP CURRICULUM;  
\*TRADE AND INDUSTRIAL EDUCATION;  
\*WOODWORKING; CONSTRUCTION (PROCESS); ROOFING; SKILLED OCCUPATIONS; VOCATIONAL EDUCATION

ABSTRACT - THIS TEACHING GUIDE WAS DEVELOPED FOR AN UNIDENTIFIED HIGH SCHOOL IN MAINE TO BE USED IN GRADES 11 AND 12 FOR A COURSE IN VOCATIONAL BUILDING CONSTRUCTION. UNITS ARE PROVIDED FOR: (1) GENERAL INFORMATION FOR SHOP INSTRUCTION, (2) HAND TOOLS, (3) POWER TOOLS, (4) STAGING AND SCAFFOLDS, (5) FRAMING, (6) EXTERIOR TRIM, (7) ROOFING, (8) SIDING, AND (9) INTERIOR FINISH. A 3-COLUMN FORMAT OUTLINES THE TASK, PROCEDURES, AND CONCEPTUAL UNDERSTANDINGS. (MU)

VT 100 215  
SHERLINE, RENEE C.  
HANDBOOK FOR COOPERATIVE EDUCATION COORDINATORS. PART 1, HANDBOOK, AND PART 2, EXHIBITS.

NEW YORK CITY BOARD OF EDUCATION,  
BROOKLYN, N.Y. BUREAU OF COOPERATIVE EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 95P.

DESCRIPTORS - \*COOPERATIVE EDUCATION; \*COORDINATORS;  
\*EDUCATIONAL POLICY; \*VOCATIONAL EDUCATION; \*WORK STUDY PROGRAMS; ADMINISTRATION; EDUCATIONAL PROGRAMS; MANUALS; PART TIME JOBS  
IDENTIFIERS - \*NEW YORK CITY SCHOOL

ABSTRACT - THIS MANUAL DESCRIBES THE REGULATIONS GOVERNING THE PRACTICES AND PROCEDURES OF COOPERATIVE EDUCATION IN THE NEW YORK CITY SCHOOL SYSTEM FOR THE BENEFIT OF THE COORDINATOR OF COOPERATIVE EDUCATION IN ANY ONE OF THE SCHOOLS IN THE SYSTEM. PRESENT PROCEDURES AND THOSE CONCERNING PLACEMENT OF STUDENTS ARE DESCRIBED. VARIOUS PART-TIME PROGRAMS OFFERED ARE DEFINED BY THE POLICIES GOVERNING THEM: ALTERNATING WORK AND CLASSES ON A 1-WEEK, 2-WEEK, 3-WEEK, 4-WEEK, AND DAILY BASIS. THE SCHOOLS

PARTICIPATING IN THE COOPERATIVE PROGRAM ARE LISTED. THE FOLLOWING PROGRAMS ARE DISCUSSED IN DETAIL: (1) MUNICIPAL CIVIL SERVICE PROGRAM, (2) HEALTH CAREERS, (3) A 5-YEAR PROJECTION FOR OCCUPATIONAL EDUCATION UNDER THE BUREAU OF COOPERATIVE EDUCATION OUTLINES PROGRAM EXPECTATIONS IN TWELVE MAJOR OCCUPATIONAL AREAS. THEY ARE: (1) BUILDING TRADES, (2) COSMETOLOGY, (3) DRAFTING, (4) ELECTRICAL TRADES, (5) ELECTRONICS, (6) FASHION TRADES, (7) FOODS TRADES, (8) HEALTH, (9) HOSPITAL, (10) MACHINE SHOP, (11) PRINTING, AND (12) WOODWORKING. THE 33 EXHIBITS PROVIDE SAMPLE FORMS OF APPLICATIONS, TESTS, CERTIFICATIONS, AGREEMENTS, AND OTHER REPORTING DEVICES. (MU)

VT 100 216  
CALHOUN, CALFREY C., AND OTHERS  
CONSUMER EDUCATION RESOURCE GUIDE,  
K-12: A MULTI-DISCIPLINARY  
APPROACH.

GEORGIA UNIV., ATHENS. CENTER FOR  
FAMILY FINANCE EDUCATION.  
GEORGIA STATE DEPT. OF FAMILY AND  
CHILDREN SERVICES, ATLANTA.  
MF AVAILABLE IN VT-ERIC SET.  
COLLEGE OF EDUCATION, UNIVERSITY  
OF GEORGIA, ATHENS, GEORGIA, 30601  
(\$2.50)  
PUB DATE - JUN72 262P.

DESCRIPTORS - \*CONSUMER ECONOMICS;  
\*CONSUMER EDUCATION; \*CURRICULUM  
GUIDES; \*MERCHANDISE INFORMATION;  
\*RESOURCE GUIDES; ELEMENTARY  
GRADES; KINDERGARTEN; PURCHASING;  
SECONDARY GRADES  
IDENTIFIERS - \*GEORGIA

ABSTRACT - THIS GUIDE WAS PREPARED  
OUT OF A REALIZATION OF THE NEED  
FOR CONSUMER EDUCATION FROM  
KINDERGARTEN THROUGHOUT THE SCHOOL  
PROGRAM IN ORDER TO DEVELOP A  
BETTER INFORMED CITIZENRY.  
SPECIFICALLY, IT WAS DESIGNED TO  
ASSIST INTERESTED TEACHERS, AND  
INDIVIDUAL SCHOOLS, OR SCHOOL  
SYSTEMS IN THE STATE OF GEORGIA IN  
DEVELOPING THEIR OWN CURRICULUM  
GUIDES FOR CONSUMER EDUCATION  
INSTRUCTION. THE GUIDE IS  
ORGANIZED AROUND SIX CONCEPTS AND  
INCLUDES BROAD BEHAVIORAL  
OBJECTIVES FOR EACH. THE CONCEPTS  
PRESENTED ARE: (1) PLANNING, (2)  
BUYING, (3) BORROWING, (4)  
PROTECTING, (5) SHARING, AND (6)  
SAVING. TO FACILITATE INSTRUCTION  
OF THE CONCEPTS, LEARNING  
EXPERIENCES DIVIDED ACCORDING TO  
GRADE LEVELS ARE PROVIDED AND  
SUGGESTED RESOURCE MATERIALS TO BE  
USED IN TEACHING THE CONCEPTS ARE  
GIVEN. (SN)

VT 100 217  
CALIFORNIA FIRE SERVICE

## OCCUPATIONAL ANALYSIS.

CALIFORNIA STATE DEPT. OF  
EDUCATION, SACRAMENTO. BUREAU OF  
INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF  
EDUCATION, BUSINESS SERVICE  
SECTION, TEXTBOOK AND PUBLICATION  
SALES, 721 CAPITOL MALL,  
SACRAMENTO, CA. 95814 (\$1.50)  
PUB DATE - 71 29P.

DESCRIPTORS - \*EMERGENCY SQUAD  
PERSONNEL; \*FIRE FIGHTERS; \*FIRE  
SCIENCE EDUCATION; \*TASK ANALYSIS;  
\*TRADE AND INDUSTRIAL EDUCATION;  
JOB ANALYSIS; OCCUPATIONAL  
INFORMATION

ABSTRACT - THIS CLASSIFICATION OF  
THE TASKS WITHIN FIRE SERVICE IS  
PREPARED TO ASSIST IN THE  
DEVELOPMENT OF SCHOOL CURRICULUMS,  
INSERVICE TRAINING PROGRAMS,  
COURSES OF INSTRUCTION, AND  
INSTRUCTIONAL MATERIALS. THE  
ANALYSIS CONTAINS 391 TASKS  
RANGING FROM RELATIVELY SIMPLE  
OPERATIONS TO COMPLEX MANAGEMENT  
RESPONSIBILITIES. THE TASKS ARE  
GROUPED INTO 19 BLOCKS AND INTO A  
VARIABLE NUMBER OF UNITS WITHIN  
EACH BLOCK. SOME EXAMPLES OF  
CONTENT ARE: (1) APPARATUS AND  
EQUIPMENT OPERATION, (2) FIRE  
CONTROL, (3) FIRE AND ARSON  
INVESTIGATION, (4) CLERICAL  
FUNCTIONS, (5) FIRE SERVICE  
INSTRUCTION, (6) GENERAL FIRE  
ADMINISTRATION, AND (7) FIRE  
PERSONNEL ADMINISTRATION.  
(AUTHOR/MU)

VT 100 218  
FERRIERA, C.R.  
AIR CONDITIONING SYSTEM SERVICING  
WORKBOOK: SHEET METAL SUPPLEMENT.

CALIFORNIA STATE DEPT. OF  
EDUCATION, SACRAMENTO. BUREAU OF  
INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF  
EDUCATION, BUSINESS SERVICE  
SECTION, TEXTBOOK AND PUBLICATION  
SALES, 721 CAPITOL MALL,  
SACRAMENTO, CA. 95814 (\$1.50)  
PUB DATE - 72 57P.

DESCRIPTORS - \*AIR CONDITIONING  
EQUIPMENT; \*SHEET METAL WORKERS;  
\*STUDY GUIDES; \*TRADE AND  
INDUSTRIAL EDUCATION; \*WORKBOOKS;  
AIR CONDITIONING; APPRENTICES;  
APPRENTICESHIPS; METAL WORKING  
OCCUPATIONS

ABSTRACT - THIS WORKBOOK WAS  
DESIGNED FOR TRAINING APPRENTICES  
AND UPGRADING JOURNEYMEN IN THE  
SHEET METAL INDUSTRY. FOUR UNITS  
WITH VARYING NUMBERS OF TOPICS IN  
EACH. COVER MATERIAL IN THE  
FOLLOWING AREAS: (1) COOLING AND

DEHUMIDIFYING, (2) MECHANICAL REFRIGERATION FOR AIR CONDITIONING, (3) REFRIGERATION SERVICE, AND (4) POWER CIRCUITS FOR RECIPROCATING COMPRESSORS. EACH TOPIC PRESENTS SUPPLEMENTARY READING MATERIALS AND A STUDY GUIDE IN THE FORM OF A QUESTION PAGE TO BE FILLED IN BY THE STUDENT. (MU)

VT 100 219  
PAIP, JAMES R.; LAHR, ERIC  
CULINARY ARTS WORKBOOK: PART 1.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA. 95814 (\$2.50)  
PUB DATE - 72 11AP.

DESCRIPTORS - \*COOKS; \*FOOD SERVICE; \*FOODS INSTRUCTION; \*TRADE AND INDUSTRIAL EDUCATION; \*WORKBOOKS; APPRENTICESHIPS; FOOD SERVICE INDUSTRY; FOOD SERVICE OCCUPATIONS; FOOD SERVICE WORKERS; FOOD STANDARDS; STUDY GUIDES

ABSTRACT - THIS WORKBOOK IS FOR THE CLASSROOM INSTRUCTION THAT SUPPLEMENTS ON-THE-JOB TRAINING FOR APPRENTICES IN THE FOOD HANDLERS INDUSTRY. IT CONTAINS NINE UNITS OF INSTRUCTION WITH A VARYING NUMBER OF TOPICS WITHIN EACH UNIT. EACH TOPIC PRESENTS THE INSIGHTS SOUGHT IN THE LESSON, SUPPLEMENTARY READING MATERIAL, STUDY ASSIGNMENTS, AND A STUDY GUIDE IN THE FORM OF A QUESTION PAGE TO BE FILLED IN BY THE STUDENT. THE FOLLOWING UNITS MAKE UP THE COURSE CONTENT: (1) THE APPRENTICE COOK AND HIS TRADE, (2) GOVERNMENT, LABOR, AND MANAGEMENT, (3) REVIEW OF BASIC MATHEMATICS, (4) BASIC KITCHEN RULES, (5) CULINARY INFORMATION, AND (6) FOOD STATIONS ON THE JOB (THE PANTRY, THE VEGETABLE, THE FRY COOK, AND THE ROAST AND BROILER STATIONS). PHOTOGRAPHS OF EQUIPMENT USED IN COMMERCIAL KITCHENS ARE FOUND THROUGHOUT THE TEXT. (MU)

VT 100 220  
MENCONI, JOSEPH W.  
AUTO MECHANICS WORKBOOK: PART 2.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA. 95814 (\$2.50)  
PUB DATE - 73 103P. SECOND EDITION

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*AUTO MECHANICS; \*JOB TRAINING; \*SHOP CURRICULUM; \*STUDY GUIDES; AUTO MECHANICS (OCCUPATION); AUTO VEHICLES; MAINTENANCE; SUPPLEMENTARY TEXTBOOKS; TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - THIS WORKBOOK IS DESIGNED FOR USE IN TRAINING PROGRAMS OFFERED BY VARIOUS TRADE GROUPS IN THE STATE. THE 7-PART TEXT COMPRISES THE FOLLOWING AREAS OF INFORMATION IN AUTO MECHANICS: (1) CLUTCHES, (2) STANDARD TRANSMISSIONS, (3) OVERDRIVES, (4) AUTOMATIC TRANSMISSIONS, (5) FINAL DRIVES, (6) AIR CONDITIONING, AND (7) WELDING. THE SEVEN SECTIONS CONSIST OF 23 UNIT TOPICS, EACH FOLLOWED BY AN INDIVIDUAL STUDY GUIDE. A USEFUL FEATURE OF THE WORKBOOK IS A RIGHT-HAND COLUMN IN THE TABLE-OF-CONTENTS PAGE FOR THE INSTRUCTOR'S INITIALING OF WORK COMPLETED, WHICH AVOIDS DUPLICATION OF WORK FOR THE TRANSFERRING STUDENT. SUGGESTED READINGS ON EACH TOPIC AND A BIBLIOGRAPHY FOR INSTRUCTIONAL MATERIALS ARE APPENDED. THE TEXTUAL CONTENT OF THE WORKBOOK IS ILLUSTRATED WITH NUMEROUS WORKING DIAGRAMS. PART I OF THE COURSE OF STUDY IS AVAILABLE AS VT 020 816. (WT)

VT 100 221  
LOWDEN, WILLIAM, COMP.  
DRYWALL TAPING WORKBOOK.

CALIFORNIA STATE EDUCATIONAL ADVISORY COMMITTEE FOR THE PAINTING AND DECORATING TRADES.  
CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA 95814 (\$2.00)  
PUB DATE - 72 141P.

DESCRIPTORS - \*BUILDING TRADES; \*CONSTRUCTION INDUSTRY; \*CONSTRUCTION (PROCESS); \*TRADE AND INDUSTRIAL EDUCATION; \*WORKBOOKS; STUDY GUIDES  
IDENTIFIERS - \*DRYWALL TAPERS

ABSTRACT - THIS WORKBOOK IS DESIGNED FOR THE CLASSROOM INSTRUCTION THAT SUPPLEMENTS THE ON-THE-JOB TRAINING FOR APPRENTICES IN THE CONSTRUCTION INDUSTRY WHO ARE LEARNING TO TAPE DRYWALLS. IT CONTAINS SEVEN UNITS OF MATERIAL WITH A VARYING NUMBER OF TOPICS IN EACH UNIT. EACH TOPIC PRESENTS THE INSIGHTS SOUGHT, SUPPLEMENTARY READINGS,

ASSIGNMENTS, DISCUSSION TOPICS, AND A STUDY GUIDE IN THE FORM OF A QUESTION PAGE FOR THE STUDENT TO FILL IN. THE FOLLOWING UNITS MAKE UP THE COURSE CONTENT: (1) THE APPRENTICE TAPER AND HIS TRADE, (2) SAFETY, (3) TOOLS AND EQUIPMENT OF THE TAPING TRADE, (4) MATERIALS OF THE TRADE, (5) TAPING APPLICATION, (6) TEXTURING AND FINAL FINISHING, AND (7) BLUEPRINT READING, SPECIFICATIONS, AND ESTIMATING. WORKING DRAWINGS AND PHOTOGRAPHS OF TOOLS AND EQUIPMENT ILLUSTRATE THE TEXT. (MU)

VT 100 222  
NORTH CAROLINA CAREER EDUCATION CURRICULUM MATERIALS.

CURRICULUM COORDINATING UNIT,  
OFFICE OF EDUCATION (DHEW), WASHIN  
MF AVAILABLE IN VT-ERIC SET.  
PUR DATE - 73 12P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*INSTRUCTIONAL MATERIALS;  
\*TEACHING MATERIALS; CAREERS;  
CURRICULUM GUIDES; VOCATIONAL  
DEVELOPMENT; VOCATIONAL EDUCATION  
IDENTIFIERS - \*NORTH CAROLINA

ABSTRACT - THIS DOCUMENT CONTAINS THE TITLES AND DESCRIPTIONS OF CURRICULUM MATERIALS DEVELOPED BY VOCATIONAL PERSONNEL IN NORTH CAROLINA FOR USE IN FACILITATING THE ADVANCEMENT OF CAREER EDUCATION. ENTERED UNDER THE TITLES OF CAREER EXPLORATION AND CAREER PREPARATION, THE MATERIALS INCLUDE: (1) A COPY OF A STUDENT ACTIVITY SHEET FOR USE IN THE AREA OF CAREER EXPLORATION, (2) A TEACHER'S GUIDE TO VOCATIONS, AND (3) CURRICULUM GUIDES AND TEACHING UNITS FOR USE IN FACILITATING COURSES IN AGRICULTURE PRODUCTION, OUTDOOR RECREATION AND APPLIED ECOLOGY, ORNAMENTAL HORTICULTURE, CONSUMER AND HOMEMAKING, BUSINESS AND OFFICE EDUCATION, AEROSPACE, COOPERATIVE FASHION MERCHANDISING, TRADE AND INDUSTRIAL EDUCATION, AGRICULTURAL MECHANICS, HEALTH OCCUPATIONS, AND DISTRIBUTIVE EDUCATION COOPERATIVE PROFESSIONAL SERVICES. (SN)

VT 100 223  
A HUMAN RESOURCES CAREER DEVELOPMENT MODEL FOR PAWTUCKET, RHODE ISLAND, IN CONJUNCTION WITH THE PAWTUCKET MODEL CITIES AGENCY. TOLMAN WORKSHOP PACKAGES OF INSTRUCTION.

PAWTUCKET CITY SCHOOL DEPT., R.I.  
MF AVAILABLE IN VT-ERIC SET.  
PUR DATE - SEP72 125P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*ELEMENTARY GRADES; \*INTEGRATED CURRICULUM; \*SECONDARY GRADES;  
\*VOCATIONAL DEVELOPMENT; CAREER

PLANNING; COOPERATIVE EDUCATION;  
OCCUPATIONAL INFORMATION  
IDENTIFIERS - \*PAWTUCKET; MODEL  
CITIES PROGRAM

ABSTRACT - THIS MANUAL FOR INTEGRATING A CAREER DEVELOPMENT PROGRAM INTO THE CITY SCHOOL SYSTEM OF PAWTUCKET ENCOMPASSES ALL LEVELS FROM GRADES 1 THROUGH 12. OCCUPATIONAL ORIENTATION IN GRADES 1-6, EXPLORATION IN GRADES 7-9, AND COOPERATIVE EDUCATION PROGRAMS IN GRADES 10-12 ARE DOCUMENTED WITH OBJECTIVES, ACTIVITIES, RESOURCE MATERIALS, AND SPECIFIC GUIDELINES. A NUMBER OF COURSES PREPARING FOR SPECIFIC JOBS ARE OUTLINED. (MU)

VT 100 224  
RYAN, CHARLES W.  
CAREER DEVELOPMENT GUIDE FOR THE ELEMENTARY SCHOOL. A GUIDEBOOK FOR TEACHERS AND GUIDANCE COUNSELORS.

MAINE UNIV., ORONO. COLL. OF EDUCATION,  
MAINE STATE DEPT. OF EDUCATION,  
AUGUSTA. BUREAU OF VOCATIONAL  
EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUR DATE - JUL71 73P. FIRST  
EDITION.; FOR SECOND EDITION, SEE  
VT 019 360.

DESCRIPTORS - \*CAREER PLANNING;  
\*CAREERS; \*TEACHING GUIDES;  
\*VOCATIONAL DEVELOPMENT;  
CURRICULUM GUIDES; ELEMENTARY  
GRADES; INTEGRATED CURRICULUM;  
OCCUPATIONAL INFORMATION; PROGRAM  
DEVELOPMENT; RESOURCE GUIDES  
IDENTIFIERS - \*CAREER AWARENESS

ABSTRACT - THE RESULTS OF A WORKSHOP EFFORT, THIS GUIDE PROVIDES A FRAMEWORK FOR DESIGNING A CAREER DEVELOPMENT PROGRAM AT THE ELEMENTARY LEVEL. THE GUIDE IS FILLED WITH SUGGESTIONS OF INSTRUCTIONAL ACTIVITIES ON CAREERS TO BE USED IN MODIFYING THE TRADITIONAL CURRICULUM, BUT IS NOT INTENDED TO RESTRICT THE CREATIVITY OF THE TEACHER IN ANY WAY. IN FACT, THE SUCCESSFUL IMPLEMENTATION OF SUCH A PROGRAM DEPENDS LARGELY UPON THE IMAGINATION AND ENTHUSIASM OF THE TEACHER. IT IS THEREFORE ADVISABLE FOR THE TEACHER TO BECOME AWARE OF EACH INDUSTRY OR WORK SITUATION MENTIONED IN THE SUBJECT AREAS AS WELL AS TO ARRANGE FOR VISITS TO SUCH INDUSTRIES WHEN APPROPRIATE. OTHER CONTENTS OF THE GUIDE INCLUDE: (1) A BRIEF EXPLANATION OF THE RATIONALE AND OBJECTIVES OF THE GUIDE, (2) CAREER DEVELOPMENT MODELS, (3) SUGGESTED INSTRUCTIONAL PLANS AND ACTIVITIES FOR THE FACILITATION OF CAREER DEVELOPMENT, (4) A SUMMARY OF THE GENERAL CONTENTS OF THE DOCUMENT, (5) A LIST OF SOURCES USED IN

PREPARING THIS GUIDE, AND (6) EIGHT APPENDIXES CONTAINING RESOURCE INFORMATION AND REFERENCES WHICH CAN BE USED BY TEACHERS AND COUNSELORS IN DEVELOPING AND IMPLEMENTING A PROGRAM OF THIS NATURE. (SN)

VT 100 225  
OCCUPATIONAL RELATIONS COURSE  
OUTLINE. FIRST YEAR. WORCESTER  
PUBLIC SCHOOLS WORK-STUDY PROGRAM.

WORCESTER PUBLIC SCHOOLS, MASS.  
GUIDANCE DEPT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 43P.

DESCRIPTORS - \*COURSE CONTENT;  
\*CURRICULUM GUIDES; \*VOCATIONAL  
EDUCATION; \*WORK EXPERIENCE  
PROGRAMS; \*WORK STUDY PROGRAMS;  
COOPERATIVE PROGRAMS; COURSE  
DESCRIPTIONS; JOB TRAINING;  
SECONDARY GRADES; VOCATIONAL  
DEVELOPMENT  
IDENTIFIERS - \*OCCUPATIONAL  
RELATIONS; MASSACHUSETTS; NERCOE  
PROJECT

ABSTRACT - THIS HANDBOOK WAS DEVELOPED FOR STUDENTS ENROLLED IN THE FIRST YEAR OCCUPATIONAL RELATIONS COURSE IN THE WORCESTER PUBLIC SCHOOL SYSTEM. PROVIDED ARE: (1) AN OVERVIEW OF THE COURSE COMPLETE WITH A STATEMENT OF RATIONALE, (2) A LIST OF TASKS FOR WHICH THE STUDENTS ARE HELD ACCOUNTABLE, AND (3) AN OUTLINE OF THE COURSE CONTENT AND STUDENT ASSIGNMENTS FOR THE EIGHT TOPICS TO BE COVERED. INCLUDED AMONG THE TOPICS TO BE EXPLORED ARE: (1) YOUR HEALTH AND SAFETY, (2) THE STUDY OF YOUR JOB, (3) SECURING ADVANCEMENT IN THE WORLD OF WORK, (4) THE IMPORTANCE OF WORK SKILLS, (5) WORCESTER FACTORY JOBS, (6) YOU AND YOUR CAR, (7) YOUR USE OF LEISURE TIME, AND (8) SPENDING AND SAVING YOUR MONEY. (SN)

VT 100 226  
FENSTER, FRAIDELL  
CAREER EDUCATION ACTIVITIES AND  
REFERENCE RESOURCES, GRADES 7-9.  
1973. ADMINISTRATIVE COPY.

WETHERSFIELD SCHOOL DEPT., CONN.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 107P.

DESCRIPTORS - \*OCCUPATIONAL  
CLUSTERS; \*OCCUPATIONAL  
INFORMATION; \*RESOURCE MATERIALS;  
\*VOCATIONAL DEVELOPMENT; CAREER  
EDUCATION; JUNIOR HIGH SCHOOLS  
IDENTIFIERS - \*CAREER AWARENESS

ABSTRACT - REFERENCE AND RESOURCE MATERIALS DESIGNED TO SUPPLEMENT A PROGRAM IN OCCUPATIONAL AWARENESS FOR GRADES 7, 8, AND 9 ARE PRESENTED. JOB CLUSTERS AND

SUPPLEMENTAL MATERIAL PERTAINING TO THEM COMPRISE MORE THAN HALF OF THE BOOKLET. ADDITIONAL MATERIALS INCLUDE PREPARATORY INFORMATION FOR DECISION-MAKING, INTERVIEWING, AND FIELD TRIPS, SUBJECT-CORRELATED ACTIVITIES, AND A BIBLIOGRAPHY OF REFERENCE ITEMS AVAILABLE IN THE SCHOOL MEDIA CENTER. (MF)

VT 100 227  
SOLID WASTE OPERATIONS MANAGEMENT.  
TRAINING COURSE MANUAL.

ENVIRONMENTAL PROTECTION AGENCY,  
CINCINNATI, OHIO.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 180P.

DESCRIPTORS - \*PHYSICAL  
ENVIRONMENT; \*SANITATION  
IMPROVEMENT; \*SUPPLEMENTARY  
TEXTBOOKS; \*WASTE DISPOSAL;  
\*WASTES; COURSE CONTENT; MANUALS;  
POLLUTION; PUBLIC HEALTH; SANITARY  
FACILITIES; SANITATION; URBAN  
ENVIRONMENT

ABSTRACT - THIS TRAINING COURSE WAS PREPARED FOR USE BY TRAINEES ATTENDING COURSES CONDUCTED BY THE TRAINING BRANCH, DIVISION OF TECHNICAL OPERATIONS, OFFICE OF SOLID WASTE MANAGEMENT PROGRAMS. TEXTUAL MATERIAL IS PRESENTED IN THREE SECTIONS DEALING WITH: (1) SOLID WASTE COLLECTION AND REDUCTION, (2) ECONOMICS AND EXAMPLES OF THERE USE AS A RESOURCE, AND (3) METHODS OF LANDFILL, EFFECTS ON ENVIRONMENT, AND SOIL PROPERTIES AND TYPES. THE APPENDIX CONTAINS AN EXTENSIVE GLOSSARY OF TERMS, A VARIETY OF FORMS FOR ENGINEERING SURVEYS, RATING METHODS, DATA ON VECTOR CONTROL, AND DATA SHEETS OF REFUSE COLLECTION FROM MUNICIPALITIES. (MU)

VT 100 228  
DIRECTORY OF NATIONAL UNIONS AND  
EMPLOYEE ASSOCIATIONS, 1971,  
INCLUDING STATE LABOR  
ORGANIZATIONS, DEVELOPMENTS SINCE  
1969, STRUCTURE AND MEMBERSHIP.  
SUPPLEMENT 1 AND SUPPLEMENT 2.

BUREAU OF LABOR STATISTICS (DOL),  
WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
RULL-1750  
SUPERINTENDENT OF DOCUMENTS, U.S.  
GOVERNMENT PRINTING OFFICE,  
WASHINGTON, D.C. 20402 (L2.3:1750,  
\$2.00)  
PUB DATE - 72 162P. CALL NUMBER:  
REFERENCE DIRECTORY HD 6504 U5  
1971.

DESCRIPTORS - \*COLLECTIVE  
BARGAINING; \*DIRECTORIES; \*LABOR  
UNIONS; \*NATIONAL ORGANIZATIONS;  
GOVERNMENT EMPLOYEES; PROFESSIONAL

## ASSOCIATIONS

ABSTRACT - PART I OF THIS DIRECTORY LISTS NATIONAL UNIONS AND PROFESSIONAL AND STATE EMPLOYEE ASSOCIATIONS AS DEFINED BY THE BUREAU OF LABOR STATISTICS. THE NAMES OF THE MAJOR OFFICERS AS WELL AS THE NUMBER OF MEMBERS, AND LOCALS OR AFFILIATES OF EACH ORGANIZATION. PART II INCLUDES A BRIEF SUMMARY OF SIGNIFICANT DEVELOPMENTS IN THE LABOR FIELD SINCE THE PREVIOUS DIRECTORY, A REVIEW OF THE STRUCTURE OF THE LABOR MOVEMENT, AND THE FINDINGS OF A SURVEY OF UNION AND ASSOCIATION MEMBERSHIP. TABLES, CHARTS, AND APPENDIXES PRESENT ADDITIONAL DETAILED DATA. THE BASIC REQUIREMENT FOR INCLUSION IN THE DIRECTORY WAS AFFILIATION WITH THE AFL-CIO OR, FOR UNAFFILIATED UNIONS, THE EXISTENCE OF COLLECTIVE BARGAINING AGREEMENTS WITH DIFFERENT EMPLOYERS IN MORE THAN ONE STATE (EXCEPT FOR NATIONAL UNIONS OF GOVERNMENT EMPLOYEES AND THOSE IN THE FEDERAL SERVICE MEETING THE REQUIREMENTS FOR EXCLUSIVE RECOGNITION). (MF)

VT 100 229  
KORSMO, JEAN  
VOCATIONAL HEALTH OCCUPATION COURSE

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 102P.

DESCRIPTORS - \*COURSE CONTENT;  
\*CURRICULUM GUIDES; \*HEALTH  
OCCUPATIONS EDUCATION;  
\*OCCUPATIONAL INFORMATION;  
\*VOCATIONAL DEVELOPMENT;  
BEHAVIORAL OBJECTIVES; EDUCATIONAL  
NEEDS; EMPLOYMENT QUALIFICATIONS  
IDENTIFIERS - NORTH DAKOTA

ABSTRACT - THE COURSE CONTENT OF THE HEALTH OCCUPATIONS PROGRAM WAS DEVELOPED FROM DATA COLLECTED BY THE GRAND FORKS PUBLIC SCHOOLS AND COMPILED BY THE NORTH DAKOTA DEPARTMENT OF VOCATIONAL RESEARCH. THE PROJECTED COURSE OF STUDY IS PRESENTED IN THREE PHASES, EACH INCLUDING BEHAVIORAL OBJECTIVES, NOTES TO INSTRUCTOR, REFERENCES, AND MATERIALS, AS WELL AS THE COURSE OUTLINE. PHASE I GIVES DETAILED INFORMATION AND REQUIREMENTS FOR NUMEROUS SPECIFIC HEALTH CAREERS. PHASE II CONCERNS VOCATIONAL COUNSELING AND THE WRITING OF A PAPER ON A CHOSEN HEALTH OCCUPATION. PHASE III DEALS WITH SKILL LEARNING AND INDIVIDUAL DEVELOPMENT. THE TOTAL NUMBER OF HOURS IN ALL PHASES IS 366. APPENDED ARE STUDENT RATING SHEETS, A BIBLIOGRAPHY, AND COORDINATION FORMS. (MF)

VT 100 230

BLOEM, HENRY D.  
AN INSTRUCTIONAL UNIT ON THE USE  
OF SUPPLIERS CATALOGS.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - FEB73 48P.

DESCRIPTORS - \*CATALOGS;  
\*EQUIPMENT MANUFACTURERS; \*USE  
STUDIES; \*WORKBOOKS; DRAFTING;  
ENGINEERING DRAWING; POST  
SECONDARY EDUCATION; UNIT PLAN  
IDENTIFIERS - \*SWEETS CONSTRUCTION  
CATALOG FILES

ABSTRACT - STUDENT ASSIGNMENTS AND INSTRUCTIONS WHICH ARE DESIGNED TO PROVIDE PRACTICAL EXPERIENCE IN THE USE OF SWEET'S CONSTRUCTION CATALOG FILES ARE PRESENTED. THE INSTRUCTIONAL UNIT IS INTENDED TO ACQUAINT THE COLLEGE DRAFTING STUDENT WITH THE ROLE OF SUPPLIERS' CATALOGS IN DRAFTING AND DESIGN AND TO PROVIDE THE STUDENT WITH A BASIC SKILL IN THE USE OF THESE CATALOGS. THE UNIT MAY BE INCORPORATED INTO ENGINEERING DRAWING COURSES AS OFFERED IN THE COMMUNITY COLLEGE OR TECHNICAL INSTITUTE. (AUTHOR/MF)

VT 100 231  
DISTRIBUTIVE EDUCATION. UNIT II:  
MERCHANDISING II. SECOND-YEAR  
SERIES.

FLORIDA STATE DEPT. OF EDUCATION,  
TALLAHASSEE. DIV. OF VOCATIONAL,  
TECHNICAL AND ADULT EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 178P.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*MERCHANDISING;  
\*TEACHING GUIDES; CREDIT  
(FINANCE); PURCHASING;  
SALESMANSHIP; SECONDARY GRADES;  
UNIT PLAN  
IDENTIFIERS - FLORIDA

ABSTRACT - THIS UNIT IN THE SECOND YEAR CURRICULUM FOR THE BASIC DISTRIBUTIVE EDUCATION PROGRAM IN FLORIDA'S SECONDARY SCHOOLS IS DESIGNED TO CREATE A BROADER UNDERSTANDING OF THE ACTIVITIES IN THE MERCHANDISING PROCESS, TO DEVELOP AN AWARENESS OF THE RELATIONSHIPS OF THESE PROCESSES, AND TO DEVELOP COMPETENCY IN PERFORMING MERCHANDISING ACTIVITIES. IT IS RECOMMENDED THAT 13 WEEKS BE DEVOTED TO THE PRESENTATION OF THIS UNIT. SECTIONS ARE PRESENTED ON BUYING, SALES PROMOTION, THE ART OF SELLING, AND CONSUMER CREDIT. SUGGESTED TEACHING TECHNIQUES, STUDENT ASSIGNMENTS, AND REFERENCES ARE INCLUDED FOR EACH SECTION. (AUTHOR/MF)

VT 100 232

NEED A LIFT? TO EDUCATIONAL OPPORTUNITIES, CAREERS, LOANS, SCHOLARSHIPS, EMPLOYMENT

AMERICAN LEGION, INDIANAPOLIS, IND. NATIONAL AMERICANISM AND CHILDREN AND YOUTH DIV.  
MF AVAILABLE IN VT-ERIC SET.  
THE AMERICAN LEGION, DEPT. S, P.O. BOX 1055, INDIANAPOLIS, INDIANA 46206 (\$1.50 PREPAID OR IN QUANTITIES OF 100 OR MORE, \$.30 PER COPY)  
PUB DATE - 72 144P. 22ND REVISED FALL EDITION.

DESCRIPTORS - \*CAREER OPPORTUNITIES; \*INFORMATION SOURCES; \*SCHOLARSHIP FUNDS; \*STUDENT LOAN PROGRAMS

ABSTRACT - THIS HANDBOOK CONTAINS CONDENSED INFORMATION REGARDING CAREER OPPORTUNITIES AND EDUCATIONAL BENEFITS FOR STUDENTS WHO NEED A FINANCIAL LIFT TO CONTINUE THEIR EDUCATION. AS IT IS IMPOSSIBLE TO LIST ALL OF THE THOUSANDS OF SOURCES OF SCHOLARSHIPS, LOAN FUNDS, GRATUITIES, AND OTHER EDUCATIONAL AIDS OFFERED BY COLLEGES, FOUNDATIONS, PRIVATE ORGANIZATIONS, AND BY FEDERAL AND STATE LEGISLATION, REFERENCES ARE PROVIDED TO LEAD TO MOST OF THESE SOURCES OF AID, EXCEPT FOR THOSE AT THE LOCAL COMMUNITY LEVEL. EMPHASIS IS GIVEN TO THE OPPORTUNITIES AVAILABLE TO CHILDREN OF DECEASED AND DISABLED VETERANS, ALTHOUGH THE GOAL IS TO ASSIST ALL YOUTH. SECTIONS OF THE BOOKLET PRESENT SOURCES OF CAREER INFORMATION, SOURCES OF SCHOLARSHIPS AND FINANCIAL AID TO VETERANS' AND NON-VETERANS' CHILDREN, SOURCES OF LOANS FOR STUDENTS, STATE EDUCATIONAL BENEFITS, SOME AMERICAN LEGION EDUCATIONAL AIDS, SOURCES OF EDUCATIONAL ASSISTANCE FOR VETERANS AND THEIR DEPENDENTS, AND SOURCES OF ADDITIONAL INFORMATION FOR STUDENTS, PARENTS, AND COUNSELORS. (MF)

VT 100 233  
MEXNER, BERTHA A.  
RELATED STUDIES FOR THE DENTAL ASSISTANT. MICROBIOLOGY AND STERILIZATION, PHARMACOLOGY, TERMINOLOGY.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.: NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BUILDING 4103, KILMER CAMPUS, NEW BRUNSWICK, N.J. 08903 (\$1.50)  
PUB DATE - MAY73 60P.

DESCRIPTORS - \*DENTAL ASSISTANTS; \*HEALTH OCCUPATIONS EDUCATION; \*STUDY GUIDES; DRUG THERAPY; MICROBIOLOGY; SANITATION; UNIT PLAN; VOCABULARY

ABSTRACT - THIS TEXT WAS PREPARED TO GIVE THE STUDENT DENTAL ASSISTANT SOME BACKGROUND KNOWLEDGE IN A NUMBER OF FIELDS. SECTIONS ARE PRESENTED IN MICROBIOLOGY AND STERILIZATION, PHARMACOLOGY, AND TERMINOLOGY, WITH SEVERAL LESSON UNITS IN EACH OF THESE SECTIONS. (MF)

VT 100 234  
SWANKE, FLORENZ, AND OTHERS  
HOME ECONOMICS FOODS AND NUTRITION. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 67P.

DESCRIPTORS - \*COOKING INSTRUCTION; \*CURRICULUM GUIDES; \*FOOD; \*FOODS INSTRUCTION; \*HOME ECONOMICS EDUCATION; CAREER CHOICE; CONSUMER EDUCATION; FOOD SERVICE OCCUPATIONS

ABSTRACT - THIS COURSE CURRICULUM PROVIDES MATERIAL FOR THREE LEVELS OF LEARNING ABOUT FOODS AND NUTRITION IN THE SECONDARY GRADES. THE INTRODUCTORY FOODS COURSE PROVIDES KNOWLEDGE AS A BASIS FOR MAKING FOOD CHOICES IN RELATION TO HEALTH, ENERGY, APPEARANCE, AND GENERAL WELL-BEING. THE INTERMEDIATE COURSE IS DESIGNED TO HELP DEVELOP SKILLS AND JUDGEMENT TO PLAN, PREPARE, AND SERVE ATTRACTIVE AND NOURISHING MEALS. THE ADVANCED LEVEL OF STUDY, INVOLVING THE STUDENT IN MORE COMPLEX MEAL PREPARATION, INCLUDES MANAGEMENT OF TIME, MONEY, AND ENERGY AND RELATES FOOD STUDY TO ECOLOGY. IN THE SPECIAL INTEREST LEVEL, THE WORK IS LINKED MORE CLOSELY TO PERSONAL AND FAMILY SATISFACTION, LABOR-SAVING DEVICES, AND EFFECTIVE USE AND CARE OF EQUIPMENT. CAREERS AND OCCUPATIONS IN FOOD SERVICES AS A POSSIBLE VOCATIONAL CHOICE ARE A PART OF THE UNIT. (AUTHOR/MU)

VT 100 235  
GATES, MCINE; DAVISON, WAYNE  
SECRETARIAL OFFICE PRACTICE. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 212P.

DESCRIPTORS - \*CURRICULUM GUIDES; \*OFFICE OCCUPATIONS EDUCATION; \*OFFICE PRACTICE; \*TEACHING GUIDES; \*VOCATIONAL EDUCATION; GRADE 12; SECONDARY STUDENTS

ABSTRACT - THIS COURSE CURRICULUM IS DESIGNED TO ACQUAINT THE GRADE 12 STUDENT WITH INFORMATION NEEDED IN PREPARATION FOR A VARIETY OF OCCUPATIONS IN OFFICE PRACTICE. COURSE CONTENTS COVER TOPICS FROM SEEKING EMPLOYMENT TO PREPARING FOR LONG-RANGE CAREER GOALS. SKILLS IN THE DETAILS OF VARIOUS OFFICE OCCUPATIONS ARE SOUGHT THROUGH LESSONS IN DICTATION AND TRANSCRIPTION, PRODUCTION TYPEWRITING, FILING AND RECORDS MANAGEMENT, OFFICE MACHINES, RECEPTIONIST DUTIES, AND TRAVEL AND TRANSPORTATION SERVICES. OVER 80 BEHAVIORAL OBJECTIVES OF THE COURSE ARE LISTED. (MU)

VT 100 236  
ZELKO, ELMER V.  
A GUIDE TO DISTRIBUTIVE EDUCATION COORDINATION.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.; NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON, DIV. OF VOCATIONAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BUILDING 4103, KILMER CAMPUS, NEW BRUNSWICK, N.J. 08903 (\$1.50) PUB DATE - APR 71 36P.

DESCRIPTORS - \*COOPERATIVE EDUCATION; \*COORDINATION; \*COORDINATORS; \*DISTRIBUTIVE EDUCATION; \*INSTRUCTOR COORDINATORS; GUIDES; ROLE PERCEPTION; SECONDARY STUDENTS

ABSTRACT - BECAUSE THE SUCCESS OF STUDENTS OF DISTRIBUTIVE EDUCATION DEPENDS ON A GREAT NUMBER OF COOPERATING INDIVIDUALS, THE COORDINATION OF THEIR ACTIVITIES BECOMES IMPORTANT. THIS GUIDE PROVIDES THE DISTRIBUTIVE EDUCATION TEACHER-COORDINATOR WITH MATERIALS TO AID IN HIS ROLE AS COORDINATOR. ACTIVITIES TOWARD THIS END ARE DESCRIBED IN RELATION TO ADMINISTRATION AND FACULTY, STUDENTS, EMPLOYEES, PARENTS, AND COMMUNITY. SUCCESSFUL POLICIES CONCERNING ADVISORY COMMITTEES, GUEST SPEAKERS, FIELD TRIPS, DECA ACTIVITIES, AND PROFESSIONAL ASSOCIATIONS ARE DISCUSSED. TRAINING AGREEMENTS AND PLANS ARE DETAILED AND A VARIETY OF USEFUL FORMS ARE INCLUDED. (MU)

VT 100 237  
MCDONNELL, MARIE  
FASHION FABRICS. PART I: RELATED TEXTILE INFORMATION AND THEORY FOR THE APPAREL TRADES.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.; NEW JERSEY STATE DEPT. OF

EDUCATION, TRENTON, DIV. OF VOCATIONAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - MAY 73 204P.

DESCRIPTORS - \*HOME ECONOMICS EDUCATION; \*INSTRUCTIONAL MATERIALS; \*TEXTILES INSTRUCTION; \*WORKBOOKS; CLOTHING INSTRUCTION; DISTRIBUTIVE EDUCATION; SECONDARY GRADES; TEXTBOOKS IDENTIFIERS - \*FASHION FABRICS

ABSTRACT - THIS BOOK WAS DESIGNED FOR USE AT THE HIGH SCHOOL LEVEL IN SUCH COURSES AS HOME ECONOMICS, FASHION DESIGN, TEXTILE SCIENCE, AND DISTRIBUTIVE EDUCATION. SEQUENCES OF THE INSTRUCTIONAL UNITS PRESENTED MAY BE CHANGED BY THE TEACHER AND SO ALTERED TO SUIT HIS AIMS. SPECIFIC CONTENTS OF THE TEXT INCLUDE: (1) INTRODUCTION TO TEXTILES, (2) BUYING AND SEWING FASHION FABRICS, (3) COMPOSITION OF MATTER AND OF TEXTILE FIBERS, (4) COMPARATIVE QUALITIES OF TEXTILE FIBERS, (5) CARE OF FIBERS, FABRICS, AND GARMENTS, AND (6) LABELING AND TESTING FIBERS FOR IDENTIFICATION. IN ADDITION TO THE INSTRUCTIONAL UNITS PROVIDED ARE TESTS, AN EQUIPMENT AND MATERIALS LIST, SOURCES OF INFORMATION ABOUT TEXTILES, AND A GENERAL BIBLIOGRAPHY CONTAINING OTHER REFERENCES. A RELATED DOCUMENT IS AVAILABLE AS VT 100 238. (SN)

VT 100 238  
MCDONNELL, MARIE  
FASHION FABRICS. PART II: RELATED TEXTILE INFORMATION AND THEORY FOR THE APPAREL TRADES.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.; NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON, DIV. OF VOCATIONAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BUILDING 4103, KILMER CAMPUS, NEW BRUNSWICK, N.J. 08903 (\$3.00) PUB DATE - MAY 73 238P.

DESCRIPTORS - \*CLOTHING; \*CLOTHING INSTRUCTION; \*DISTRIBUTIVE EDUCATION; \*HOME ECONOMICS EDUCATION; \*TEXTILES INSTRUCTION

ABSTRACT - THIS SECOND PART OF A 2-VOLUME TEXT FOR SECONDARY STUDENTS IN TEXTILE SCIENCE, HOME ECONOMICS, AND DISTRIBUTIVE EDUCATION INCLUDES A SECTION USEFUL AS A WORKBOOK FOR THE STUDENT. UNITS SEVEN THROUGH ELEVEN ARE PRESENTED HERE AND PROVIDE INFORMATION ON YARNS, WEAVING, NONWOVEN FABRIC CONSTRUCTIONS, FABRIC FINISHES, AND METHODS OF EVALUATING FABRICS.

EACH OF THE 25 LESSONS PROVIDES AN INTRODUCTORY SHORT TEST, A VOCABULARY, MATERIALS USED IN THE LESSON, RELATED INFORMATION AND ILLUSTRATIVE MATERIAL KEYED TO THE TEXT, A SERIES OF TEST QUESTIONS, AND WORKBOOK ACTIVITIES. THIS SECOND VOLUME PROVIDES THE TEACHER WITH AN OVERALL EQUIPMENT AND MATERIALS LIST, SOURCES OF INFORMATION ON TEXTILE FIBERS AND A BIBLIOGRAPHY FOR BOTH VOLUMES. PART 1, CONTAINING THE FIRST SIX UNITS IS AVAILABLE AS VT 100 237. (MU)

VT 100 239  
SMITH, GENEVIEVE E.  
A TEACHING PLAN FOR THE PRACTICAL NURSING CURRICULUM.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.; NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON, DIV. OF VOCATIONAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BUILDING 4103, KILMER CAMPUS, NEW BRUNSWICK, N.J. 08902 (\$3.25). PUB DATE - MAY73 290P.

DESCRIPTORS - \*CLINICAL EXPERIENCE; \*HEALTH OCCUPATIONS EDUCATION; \*INTEGRATED CURRICULUM; \*PRACTICAL NURSES; \*STATE CURRICULUM GUIDES; COURSE CONTENT: NURSING; TEACHING GUIDES IDENTIFIERS - \*NEW JERSEY

ABSTRACT - TO PROVIDE A MORE EFFECTIVE COURSE FOR THE 1-YEAR PRACTICAL NURSE TRAINING PROGRAM THIS STATE CURRICULUM GUIDE INTEGRATES PATIENT CARE EXPERIENCES INTO THE CURRICULUM FROM THE VERY FIRST OF THE PROGRAM. THE PREVIOUS PROGRAM IN NEW JERSEY WAS BASED ON A CONCENTRATED 4-MONTH CLASSROOM SEGMENT FOLLOWED BY SEVEN MONTHS OF CLINICAL PRACTICE. IN A 7-COLUMN FORMAT, SUBJECT AREAS ARE TREATED SO AS TO SHOW COURSE CONTENT, THE SUGGESTED TIME FOR THE MATERIAL, ALTERNATE AREAS IN WHICH THE SAME MATERIALS COULD BE DEVELOPED, TEACHER PLANNING ACTIVITIES, AND CLASSROOM AND CLINICAL ACTIVITIES FOR STUDENTS. REFERENCES MAKE UP THE FINAL COLUMN. TWELVE SECTIONS COVER PHYSIOLOGY, ANATOMY, WORKING RELATIONSHIPS, BEDSIDE CARE, PHARMACOLOGY AND TREATMENTS, AND SPECIALIZED NURSING CARE. FOLLOWING EACH SECTION ARE A BIBLIOGRAPHY, A LIST OF AUDIOVISUAL AIDS, AND COPIES OF HANDOUT SHEETS FOR THAT SECTION. (AUTHOR/MU)

VT 100 240  
SPRAGUE, EVERETT T.

WALLCOVERING WORKBOOK SUPPLEMENT.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO, BUREAU OF INDUSTRIAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA 95814 (\$2.50) PUB DATE - 72 95P.

DESCRIPTORS - \*APPRENTICESHIPS; \*FINISHING; \*STUDY GUIDES; \*SUPPLEMENTARY TEXTBOOKS; \*TRADE AND INDUSTRIAL EDUCATION; ADULT VOCATIONAL EDUCATION; INDUSTRIAL TRAINING; JOB TRAINING

ABSTRACT - THIS WORKBOOK INCLUDES THE INSTRUCTIONAL MATERIALS FOR THE APPRENTICE DECORATOR WHO IS LEARNING TO APPLY WALL COVERINGS. THE COURSE CONSISTS OF A SERIES OF INDIVIDUAL LESSONS WITH A STUDY GUIDE AT THE END OF EACH TOPIC FOR THE STUDENT TO CHECK HIS PROGRESS AS HE PROCEEDS THROUGH THE COURSE. ON THE TABLE OF CONTENTS PAGE, A RIGHT-HAND COLUMN PROVIDES A PLACE FOR THE INSTRUCTOR TO INITIAL A COMPLETED UNIT AND TO ASSIGN A NEW ONE BY DATING IT. THE CONTENTS INCLUDE MATERIAL IN THE FOLLOWING SUBJECT AREAS: (1) THE APPRENTICE APPLICATOR AND HIS TRADE, (2) SURFACE PREPARATION, (3) TOOLS, EQUIPMENT, AND ADHESIVES, (4) WALLCOVERING MATERIALS, AND (5) WALLCOVERING APPLICATION. A GLOSSARY IS INCLUDED. (MU)

VT 100 241  
ERICKSON, W.A.  
MACHINE SHOP. PART 4, WORKBOOK.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO, BUREAU OF INDUSTRIAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA 95814 (\$2.50) PUB DATE - 69 144P.

DESCRIPTORS - \*APPRENTICESHIPS; \*MACHINE TOOLS; \*MACHINISTS; \*METAL WORKING OCCUPATIONS; \*TRADE AND INDUSTRIAL EDUCATION; INDUSTRIAL EDUCATION; JOB TRAINING; MACHINE TOOL OPERATORS; MECHANICS (PROCESS)

ABSTRACT - THIS WORKBOOK PROVIDES APPRENTICES WITH TEXTUAL INFORMATION, STUDY GUIDES, ASSIGNMENTS, AND TESTS FOR 48 LESSONS ORGANIZED INTO FIVE UNITS OF INSTRUCTION. THEY ARE: (1) GRINDING PRINCIPLES AND PRACTICE, (2) DIMENSIONAL METROLOGY, (3) BORING MACHINES, (4) HEAT TREATING

AND MACHINABILITY, AND (5) SPECIAL PROCESSES AND METHODS. LISTS OF INSTRUCTIONAL MATERIALS INCLUDING MATERIALS REQUIRED FOR AN APPRENTICE AS WELL AS A LIST OF SUPPLEMENTARY BOOKS AND FILMS ARE INCLUDED. (MU)

VT 100 242  
WOOLLEY, ROY B.; ELY, ROBERT  
PUMP OPERATION AND MAINTENANCE.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA. 95814 (\$1.50)  
PUB DATE - 71 10RP.

DESCRIPTORS - \*ADULT VOCATIONAL EDUCATION; \*EQUIPMENT MAINTENANCE; \*FIRE FIGHTERS; \*FIRE SCIENCE EDUCATION; \*MECHANICAL EQUIPMENT; FIRE PROTECTION; TECHNICAL EDUCATION; TECHNOLOGICAL ADVANCEMENT  
IDENTIFIERS - \*PUMPING EQUIPMENT

ABSTRACT - THIS STUDENT MANUAL FOR USE IN TRAINING FIRE FIGHTERS FOCUSES ON MODERN FIRE DEPARTMENT PUMPERS AND CHANGES IN THEIR DESIGN, CONSTRUCTION, AND OPERATION. FOUR UNITS PRESENT INFORMATION FOR 22 LESSONS ORGANIZED AS: (1) PUMPING APPARATUS, (2) PUMPING APPARATUS MAINTENANCE, (3) PUMPING APPARATUS TESTS, AND (4) PUMPING APPARATUS OPERATION. THE APPENDIX PROVIDES A GLOSSARY, INFORMATION ON HEAT AND WATER, TRUCK BRAKES, AND METHODS OF CHECKING THE CONDITION OF ENGINES THROUGH OIL ANALYSIS. WORKING DRAWINGS AND PHOTOGRAPHS OF EQUIPMENT ILLUSTRATE THE TEXT. (MU)

VT 100 243  
QUIKER, WESLEY J., ED.  
REFERENCE LIST OF PARAMEDICAL TRAINING PROGRAMS IN PEDIATRICS.

AMERICAN ACADEMY OF PEDIATRICS, EVANSTON, ILL.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - FEB 72 12P.

DESCRIPTORS - \*HEALTH OCCUPATIONS EDUCATION; \*NURSES; \*PARAMEDICAL OCCUPATIONS; \*PEDIATRICS TRAINING; \*PHYSICIANS ASSISTANTS; ADULT EDUCATION; EDUCATIONAL PROGRAMS; EDUCATIONAL RESOURCES;  
PROFESSIONAL CONTINUING EDUCATION

ABSTRACT - INFORMATION ON RECOGNIZED TRAINING PROGRAMS IS PROVIDED FOR PEDIATRIC NURSE ASSOCIATES, PEDIATRIC ASSISTANTS, AND PEDIATRIC AIDES. EACH PROGRAM

HAS SOME APPLICATION TO THE GENERAL CONCEPT OF ALLIED HEALTH WORKERS THAT THE AMERICAN ACADEMY OF PEDIATRICS IS DEVELOPING, ALTHOUGH THE FACT THAT A PROGRAM IS LISTED DOES NOT NECESSARILY MEAN THAT THE ACADEMY ACCREDITS OR ENDORSES IT. THE LISTING INCLUDES THE NAME OF THE PROGRAM, THE INSTITUTION AND DIRECTOR, PREREQUISITES, LENGTH OF TRAINING, AND CREDENTIALS FOR EACH TYPE OF PROGRAM. (MF)

VT 100 244  
PIPE GROUND HYDRAULICS.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. BUREAU OF INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF EDUCATION, BUSINESS SERVICE SECTION, TEXTBOOK AND PUBLICATION SALES, 721 CAPITOL MALL, SACRAMENTO, CA. 95814 (\$1.00)  
PUB DATE - 70 58P.

DESCRIPTORS - \*FIRE SCIENCE EDUCATION; \*HYDRAULICS; \*MANUALS; \*STUDY GUIDES; CALCULATION; ENGINES; PRESSURE  
IDENTIFIERS - \*CALIFORNIA FIRE SERVICE TRAINING PROGRAM

ABSTRACT - THIS MANUAL, ORIGINALLY DEVELOPED BY THE LOS ANGELES COUNTY FIRE DEPARTMENT, WAS REVISED BY THE STAFF OF THE CALIFORNIA FIRE SERVICE TRAINING PROGRAM FOR USE AS A FIRE DEPARTMENT TRAINING MANUAL, A REFERENCE FOR STUDENTS ENROLLED IN FIRE SERVICE TRAINING AND FIRE SCIENCE COURSES, AND A SOURCE OF INFORMATION FOR INDIVIDUAL STUDY TOWARD CAREER ADVANCEMENT IN THE FIRE SERVICE. CONTENTS INCLUDE THE PRESENTATION OF A SIMPLIFIED FIRE-GROUND HYDRAULICS SYSTEM, CALCULATION OF ENGINE PRESSURES, PUMPING, SUPPLYING PRESSURES, ESTIMATING FLOW, AND MAKING OTHER CALCULATIONS. (MF)

VT 100 245  
WILDER, DOLORES, COMP.; HINES, REL  
INDEX TO "OUFRY" COMPUTER SEARCHES. INFORMATION SERIES 13, SEARCH NUMBER 0209-0260.

TENNESSEE RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, KNOXVILLE.; TENNESSEE UNIV., KNOXVILLE, COLL. OF EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
SEARCH-0209-0260  
PUB DATE - 72 27P.

DESCRIPTORS - \*EDUCATIONAL RESEARCH; \*INDEXES (LOCATORS); \*INFORMATION RETRIEVAL; \*RESEARCH COORDINATING UNITS  
IDENTIFIERS - \*EDUCATIONAL RESOURCES INFORMATION CENTER;

ERIC; TENNESSEE

ABSTRACT - THE PURPOSE OF THIS PUBLICATION IS TO PROVIDE ACCESS TO THE COMPUTER SEARCHES OF THE EDUCATIONAL RESOURCES INFORMATION CENTER FILES COMPLETED BY THE TENNESSEE RESEARCH COORDINATING UNIT (RCU) BETWEEN FEBRUARY AND AUGUST 1972. INFORMATION FOR BOTH THE USE OF THE INDEX AND OF THE SEARCH PRINTOUTS, A SUBJECT INDEX, AND A LISTING OF THE RCU SEARCHES SO FAR CONDUCTED ARE INCLUDED. A SAMPLE RESUME AND A COMPUTER SEARCH REQUEST FORM ARE APPENDED. A RELATED DOCUMENT IS AVAILABLE AS VT 014 375. (MF)

VT 100 246  
MEYER, LEO A.  
PLASTERING, PART I: WORKBOOK.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO, BUREAU OF INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CALIFORNIA STATE DEPARTMENT OF EDUCATION, FISCAL OFFICE - ORDER SECTION, 721 CAPITOL MALL, SACRAMENTO, CALIFORNIA 95814  
(\$2.00)  
PUB DATE - 72 78P.

DESCRIPTORS - \*APPRENTICESHIPS;  
\*BUILDING TRADES; \*MASONRY; \*STUDY GUIDES; \*WORKBOOKS; BLUEPRINTS; BUILDING MATERIALS; HAND TOOLS; UNIT PLAN  
IDENTIFIERS - \*PLASTERING; CALIFOR

ABSTRACT - THIS WORKBOOK ON PLASTERING WAS WRITTEN TO PROVIDE TRAINING MATERIALS IN THE CALIFORNIA APPRENTICESHIP PROGRAMS. UNIT FOR CLASSROOM ASSIGNMENT AND EXERCISES TO BE COMPLETED INCLUDE SCOPE OF THE TRADE AND SAFE WORKING PRACTICES, PLASTERING TOOLS, PLASTERING MATERIALS, LATH, CONCRETE AND MASONRY BASES, BLUEPRINT READING, AND MATHEMATICS FOR ESTIMATING AREA AND MATERIALS. (MF)

VT 100 247  
VOLPE, MARGARET E.  
RELATED STUDIES FOR THE DENTAL ASSISTANT: ANATOMY AND PHYSIOLOGY, PATHOLOGY.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.;  
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON, DIV. OF VOCATIONAL EDUCATION.  
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON, DIV. OF VOCATIONAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
N.J. VCC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BUILDING 4103, KILMER CAMPUS, NEW BRUNSWICK, N.J. 07903 (\$3.00)  
PUB DATE - MAY73 132P.

DESCRIPTORS - \*DENTAL ASSISTANTS;  
\*DENTISTRY; \*STUDY GUIDES;  
ANATOMY; PATHOLOGY; PHYSIOLOGY;  
UNIT PLAN; VOCABULARY

ABSTRACT - TWO SETS OF RELATED STUDIES FOR THE DENTAL ASSISTANT ARE BOUND TOGETHER, THE FIRST ON THE ANATOMY OF THE TEETH AND THE PHYSIOLOGY OF THE ORAL STRUCTURES AND THE SECOND ON THE PATHOLOGY OF THE ORAL CAVITY. LESSONS ARE PRESENTED IN UNITS IN EACH SECTION AND INCLUDE THE TERMS AND INFORMATION ESSENTIAL TO THE PROPER PERFORMANCE OF THE DENTAL ASSISTANT'S JOB. EACH OF THE TWO SECTIONS INCLUDES ACHIEVEMENT TESTS ON THE UNIT MATERIAL. (MF)

VT 100 248  
RIRACK, LINDA B.  
CAREER GUIDES FOR ENTRY OCCUPATIONS IN TELEPHONE COMMUNICATIONS.

CALIFORNIA OCCUPATIONAL ANALYSIS FIELD CENTER, LOS ANGELES.  
MF AVAILABLE IN VT-ERIC SET.  
DE-62F9-A-2  
PUB DATE - NOV72 19P. REVISION 2

DESCRIPTORS - \*CAREER LADDERS;  
\*EMPLOYMENT QUALIFICATIONS; \*ENTRY WORKERS; \*OCCUPATIONAL INFORMATION; \*TELEPHONE COMMUNICATIONS INDUSTRY;  
EMPLOYMENT OPPORTUNITIES

ABSTRACT - ONE OF A SERIES OF AIDS IDENTIFYING SOME OF THE ENTRY OCCUPATIONS AVAILABLE IN MAJOR INDUSTRIES, THIS PUBLICATION PRESENTS DATA ON SOME OF THE JOBS IN THE TELEPHONE COMMUNICATIONS INDUSTRY: CABLE SPLICER, CENTRAL-OFFICE OPERATOR, COLLECTOR, FRAMEMAN, INSTALLER-REPAIRMAN, LINEMAN, AND SERVICE CLERK. INCLUDED ARE INFORMATION ON THE EMPLOYMENT OUTLOOK, EMPLOYEE BENEFITS, JOB TRAINING, PROMOTIONAL OPPORTUNITIES, AND GENERAL HIRING REQUIREMENTS. BRIEFLY INDICATED FOR EACH OCCUPATIONAL GROUP LISTED ARE WORK RESPONSIBILITIES, CAREER LADDER OPPORTUNITIES, TRAINING GIVEN, AND SPECIFIC HIRING REQUIREMENTS FOR THE JOB. (MF)

VT 100 249  
LUCHT, LINDA LOU, ED.  
A GUIDE FOR EVALUATING CONSUMER EDUCATION PROGRAMS AND MATERIALS.

AMERICAN HOME ECONOMICS ASSOCIATION, WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
AMERICAN HOME ECONOMICS ASSOCIATION, 2010 MASSACHUSETTS AVENUE, NW, WASHINGTON, D.C. 20036 (\$1.25)  
PUB DATE - 72 25P.

DESCRIPTORS - \*CONSUMER EDUCATION;  
\*EVALUATION CRITERIA; \*PROGRAM  
EVALUATION; \*RATING SCALES;  
BEHAVIORAL OBJECTIVES; CONTENT  
ANALYSIS; CURRICULUM; GUIDELINES;  
INSTRUCTIONAL MATERIALS

ABSTRACT - THIS BOOKLET WAS  
DEVELOPED BY THE COMMITTEE ON  
CRITERIA FOR CONSUMER EDUCATION  
PROGRAMS AND MATERIALS OF THE  
AMERICAN HOME ECONOMICS  
ASSOCIATION AS A GUIDE IN  
EVALUATING CONSUMER EDUCATION  
PROGRAMS AND MATERIALS. A SERIES  
OF SCALES DESIGNED TO AID IN THE  
EVALUATION MAY ALSO BE USED AS  
CRITERIA FOR DEVELOPING PROGRAMS  
AND MATERIALS, WHICH ARE ORGANIZED  
INTO SECTIONS ON OBJECTIVES,  
CONTENT, LEARNING EXPERIENCES,  
EVALUATION MATERIALS AND  
PROCEDURES, AND EDUCATIONAL  
MATERIALS. THESE SCALES ARE  
INTENDED AS GUIDELINES ONLY. A  
SEPARATE PART ON CRITERIA FOR  
EDUCATION MATERIALS WAS INCLUDED,  
AS THE NEEDS OF THOSE WHO DEVELOP  
EDUCATIONAL MATERIALS MAY DIFFER  
FROM THOSE INVOLVED IN TOTAL  
CURRICULUM PLANNING. (MF)

VT 100 250  
A CONTINUOUS PROGRESS PROGRAM FOR  
BUSINESS EDUCATION.

SAINT BERNARD PARISH SCHOOLS, CHAL  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - AUG71 82P.

DESCRIPTORS - \*BUSINESS EDUCATION;  
\*CONTINUOUS PROGRESS PLAN;  
\*CURRICULUM GUIDES;  
\*INDIVIDUALIZED INSTRUCTION;  
\*SEQUENTIAL LEARNING; BEHAVIORAL  
OBJECTIVES; COURSE CONTENT;  
FLEXIBLE PROGRESSION

ABSTRACT - A CONTINUOUS PROGRESS  
PROGRAM FOR INDIVIDUALIZATION OF  
INSTRUCTION IN BUSINESS EDUCATION  
HAS BEEN PREPARED USING LEARNING  
SEQUENCES DESIGNED FOR STUDENT  
NEEDS AND ASPIRATIONS AND  
PROVIDING FOR PLACEMENT ACCORDING  
TO ACHIEVEMENT IN A FLEXIBLE  
NONGRADED FRAMEWORK. EACH SEQUENCE  
INCLUDES A BRIEF DESCRIPTION OF  
SCOPE AND A LISTING OF PERFORMANCE  
OBJECTIVES TO GIVE AN INDICATION  
OF THE LEVEL OF PROFICIENCY A  
STUDENT SHOULD REACH UPON  
COMPLETION OF THE LEARNING  
EXPERIENCES. AREAS IN BUSINESS  
EDUCATION COVERED ARE GENERAL  
BUSINESS, TYPEWRITING, SHORTHAND,  
BOOKKEEPING, CLERICAL PRACTICE,  
DATA PROCESSING, AND WORK  
EXPERIENCE. (MF)

VT 100 251  
MEYER, LEO A.  
AIR BALANCING SHEET METAL  
SUPPLEMENT WORKBOOK.

CALIFORNIA STATE DEPT.  
EDUCATION, SACRAMENTO BUREAU OF  
INDUSTRIAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 39P.

DESCRIPTORS - \*AIR CONDITIONING  
EQUIPMENT; \*AIR FLOW; \*MEASUREMENT  
INSTRUMENTS; SHEET METAL WORK;  
\*WORKBOOKS; APPRENTICESHIPS;  
CALCULATION; PRESSURE; STUDY  
GUIDES; UNIT PLAN

ABSTRACT - THIS SUPPLEMENT  
PRESENTS TRAINING MATERIALS  
DESIGNED TO PROVIDE ADDITIONAL  
INSTRUCTION FOR ADVANCED SHEET  
METAL APPRENTICES AND INTERESTED  
JOURNEYMEN. THE PROCESS OF AIR  
BALANCING IN AN AIR CONDITIONING  
SYSTEM MEASURES THE PERFORMANCE OF  
THE SYSTEM AND MAKES ANY NEEDED  
ADJUSTMENTS. THE WORKBOOK INCLUDES  
UNITS ON THE FUNDAMENTALS OF AIR  
BALANCING, AIR-BALANCING  
INSTRUMENTS AND MEASUREMENTS, AND  
BALANCING AND TESTING THE SYSTEM.  
EACH UNIT CONTAINS SEVERAL TOPICS  
WITH STUDY GUIDES. (MF)

VT 100 252  
LICENSED OCCUPATIONS AND  
BUSINESSES. OHIO EMPLOYMENT  
INFORMATION SERIES, PART III.

OHIO BUREAU OF EMPLOYMENT SERVICES  
MF AVAILABLE IN VT-ERIC SET.  
R-11-72  
PUB DATE - NOV72 191P.

DESCRIPTORS - \*CERTIFICATION;  
\*EMPLOYMENT QUALIFICATIONS;  
\*OCCUPATIONAL INFORMATION; \*STATE  
LICENSING BOARDS; \*STATE  
STANDARDS; CODIFICATION; GUIDES;  
STATE AGENCIES  
IDENTIFIERS - \*OHIO

ABSTRACT - THIS SECTION OF THE  
OHIO EMPLOYMENT INFORMATION SERIES  
FURNISHES GENERAL INFORMATION IN A  
CONDENSED FORM ON THE OCCUPATIONS  
AND BUSINESSES LICENSED BY THE  
STATE OF OHIO. IT SUPPLEMENTS  
PARTS I AND II AS A GUIDE TO  
LICENSING REQUIREMENTS AND  
RESTRICTIONS WHICH SHOULD BE  
CONSIDERED IN VOCATIONAL PLANS.  
APPENDED ARE LISTS OF OCCUPATIONAL  
AND BUSINESS LICENSES,  
CERTIFICATES, AND PERMITS BY STATE  
DEPARTMENTS AND AGENCIES IN  
CHARGE. (MF)

VT 100 253  
JACKSON, HARRY  
PROGRAM FOR HIGHWAY TECHNICIANS.  
TEACHER'S GUIDE, UNIT VIII:  
HIGHWAY STRUCTURES.

NEW YORK STATE DEPT. OF  
TRANSPORTATION, ALBANY; NEW YORK  
STATE EDUCATION DEPT., ALBANY.  
BUREAU OF CONTINUING EDUCATION

CURRICULUM DEVELOPMENT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 169P.

DESCRIPTORS - \*CIVIL ENGINEERING;  
\*HIGHWAY ENGINEERING AIDES;  
\*LESSON PLANS; \*ROAD CONSTRUCTION;  
\*TEACHING GUIDES; CONSTRUCTION  
(PROCESS); COURSE CONTENT;  
TEACHING TECHNIQUES

ABSTRACT - THIS IS THE EIGHTH IN A  
SERIES OF NINE COURSES WHICH  
PROVIDE FUNDAMENTAL INFORMATION TO  
PREPARE INDIVIDUALS FOR ADVANCED  
WORK IN HIGHWAY PLANNING, DESIGN,  
CONSTRUCTION, AND MAINTENANCE. THE  
PUBLICATION CONTAINS SUBJECT  
MATERIAL FOR 24 LESSONS, SAMPLE  
TESTS, SOLUTIONS TO PROBLEMS, AND  
SAMPLE FINAL EXAMINATION. SUBJECTS  
COVERED INCLUDE CALCULATIONS OF  
VARIOUS KINDS, BEAMS, COLUMNS,  
TRUSSES, CONNECTIONS, BRIDGES, AND  
DESIGN. (MF)

VT 100 254  
CURRICULUM GUIDE FOR HOMEMAKING  
EDUCATION, GRADES 7-12.

MARYSVILLE JOINT UNIFIED SCHOOL  
DISTRICT, CALIF.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 91P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*HOME ECONOMICS EDUCATION;  
\*HOMEMAKING EDUCATION; \*SECONDARY  
GRADES; \*TEACHING GUIDES;  
OCCUPATIONAL HOME ECONOMICS  
IDENTIFIERS - \*MARYSVILLE JOINT  
UNIFIED SCHOOL DISTRICT;  
CALIFORNIA

ABSTRACT - THIS CURRICULUM GUIDE  
FOR A HOME ECONOMICS PROGRAM IN  
THE MARYSVILLE JOINT UNIFIED  
SCHOOL DISTRICT, CALIFORNIA,  
PROVIDES THE TEACHER WITH A  
TEACHING GUIDE PRESENTED IN FOUR  
COLUMNS. THEY SUPPLY COURSE  
OBJECTIVES, PERFORMANCE  
OBJECTIVES, SUGGESTED LEARNING  
STRATEGIES, AND RESOURCES. CONTENT  
COVERED INCLUDES: (1) CLOTHING,  
(2) SENIOR HOMEMAKING, (3) GENERAL  
HOMEMAKING, (4) INTERIOR  
DECORATING, (5) CHILD CARE AND  
HOME NURSING, AND (6) FOODS. (MU)

VT 100 255  
BORK, ISABELLE, AND OTHERS  
YOUR FUTURE IN CONSUMER AND  
HOMEMAKING RELATED OCCUPATIONS.  
GUIDES FOR CAREER EXPLORATION.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 33P.

DESCRIPTORS - \*CAREER  
OPPORTUNITIES; \*FOOD SERVICE  
INDUSTRY; \*OCCUPATIONAL  
INFORMATION; \*RESOURCE MATERIALS;  
FILMS; GUIDES; INTEREST TESTS

ABSTRACT - THIS GUIDE IS DESIGNED  
TO PROVIDE TEACHERS AND STUDENTS  
WITH A BROAD OVERVIEW OF THE FOOD  
SERVICE INDUSTRY AS WELL AS AN IN-  
DEPTH LOOK AT SOME SPECIFIC JOBS.  
IT MAY BE USED IN A NUMBER OF  
ACADEMIC SETTINGS IN AN EFFORT TO  
ORIENT THE STUDENT TO THE WORLD OF  
WORK, TO STRESS THE DIGNITY OF ALL  
LABOR, AND TO ASSIST IN PREPARING  
INDIVIDUALS FOR A PRODUCTIVE PLACE  
IN SOCIETY. QUALIFICATIONS,  
CONSIDERATIONS, AND DESCRIPTIONS  
OF VARIOUS JOBS IN THE INDUSTRY  
ARE PRESENTED WITH WORKSHEETS TO  
BE COMPLETED, SHORT STUDY GUIDES,  
LEARNING ACTIVITIES, AND INTEREST  
TESTS LEADING THE STUDENT TO AN  
UNDERSTANDING OF THE OPPORTUNITIES  
IN THE FIELD OF FOOD SERVICE AND  
HIS RELATION TO THEM. (AUTHOR/MU)

VT 100 256  
KABA, ALBERT  
INTRODUCTION TO VOCATIONS.  
DISTRIBUTIVE EDUCATION UNIT.

RUTGERS, THE STATE UNIV., NEW  
BRUNSWICK, N.J. CURRICULUM LAB.;  
NEW JERSEY STATE DEPT. OF  
EDUCATION, TRENTON, DIV. OF  
VOCATIONAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAR71 37P.

DESCRIPTORS - \*DISTRIBUTIVE  
EDUCATION; \*MARKETING;  
\*OCCUPATIONAL INFORMATION; \*SALES  
OCCUPATIONS; \*UNITS OF STUDY  
(SUBJECT FIELDS); PUBLICIZE;  
RETAILING

ABSTRACT - THE MAIN PURPOSE OF  
THIS UNIT OF STUDY IS TO INTRODUCE  
THE STUDENT TO THE MANY CAREER  
OPPORTUNITIES OFFERED IN THE AREA  
OF DISTRIBUTION. THE 3-WEEK COURSE  
OF STUDY OUTLINED HERE IS INTENDED  
TO EXPOSE THE STUDENT TO DIFFERENT  
JOB OPPORTUNITIES WITHOUT REGARD  
TO SKILL DEVELOPMENT. A 2-COLUMN  
FORMAT PROVIDES A TEACHING GUIDE  
OF CONTENT AND COMMENT FOR 15  
FORTY-MINUTE PERIODS OF CLASS  
TIME. THE APPENDIX CONTAINS  
ADDITIONAL ACTIVITIES, A CLASS  
CALENDAR, PRE- AND POSTTESTS, AND  
A BIBLIOGRAPHY. (AUTHOR/MU)

VT 100 257  
EVERYTHING YOU ALWAYS WANTED TO  
KNOW ABOUT YOUR FUTURE BUT WERE  
AFRAID TO ASK. AN INFORMATIONAL  
BULLETIN FOR SENIORS.

ROBBINSDALE INDEPENDENT SCHOOL  
DISTRICT 281, MINN.  
MF AVAILABLE IN VT-ERIC SET.  
MRS. FLVRA SPRINGER, 4148  
WINNETKA AVENUE, N., MINNEAPOLIS,  
MINNESOTA 55427  
PUB DATE - SEP72 35P.

DESCRIPTORS - \*COMMUNITY

RESOURCES; \*GUIDANCE SERVICES;  
\*GUIDELINES; \*OCCUPATIONAL  
GUIDANCE; \*RESOURCE GUIDES;  
COLLEGES; EDUCATIONAL  
OPPORTUNITIES; JUNIOR COLLEGES  
IDENTIFIERS - \*MINNESOTA;  
ROSBINSDALE AREA SCHOOLS

ABSTRACT - THIS SET OF GUIDELINES HAS BEEN WRITTEN TO ACQUAINT THE SENIORS OF A MINNESOTA HIGH SCHOOL WITH THE EXTENT AND VARIETY OF COUNSELING AIDS AND GUIDANCE RESOURCES AVAILABLE TO THEM IN THEIR SCHOOL, ON THEIR FACULTY, AND IN THEIR COMMUNITY. AREA VOCATIONAL/TECHNICAL SCHOOLS ARE LOCATED ON A MAP OF THE STATE AND COURSES OF STUDY AVAILABLE IN VARIOUS VOCATIONAL SCHOOLS ARE LISTED UNDER AREAS INCLUDING BUSINESS, HEALTH, TECHNICAL TRADES, FOOD SERVICES, CLOTHING RELATED, AND MISCELLANEOUS. COLLEGE DEGREE PROGRAMS AND ASSOCIATE DEGREE AND TECHNICAL PROGRAMS ARE DISCUSSED. (MU)

VT 100 258  
MAURER, NELSON S., ED.  
AN INSTRUCTOR'S GUIDE FOR A PROGRAM IN SUSPENSION AND ALIGNMENT SERVICES. TRADE AND TECHNICAL EDUCATION.

NEW YORK STATE EDUCATION DEPT., AL  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 72P.

DESCRIPTORS - \*AUTO MECHANICS;  
\*MECHANICS; \*MOTOR VEHICLES;  
\*TEACHING GUIDES; \*TRADE AND  
INDUSTRIAL EDUCATION; AUTO  
MECHANICS (OCCUPATION); SECONDARY  
GRADES

ABSTRACT - THIS TEACHING GUIDE IS DESIGNED TO PREPARE STUDENTS FOR EMPLOYMENT IN A SPECIALIZED AREA OF AUTOMOTIVE SERVICES. FIVE UNITS COVER MATERIAL CONCERNING: (1) AN INTRODUCTION TO THE COURSE, (2) SUSPENSION SERVICE AND REPAIR, (3) WHEEL ALIGNMENT, (4) WHEEL BALANCE, AND (5) MANUAL AND POWER STEERING. IN A 2-COLUMN FORMAT, THE LEFT-HAND COLUMN OF EACH UNIT CONTAINS A SUGGESTED TOPICAL OUTLINE; THE RIGHT-HAND COLUMN GIVES RELATED FACTUAL INFORMATION AS WELL AS SUGGESTED TEACHING TECHNIQUES AND PAGE REFERENCES FROM SELECTED TEXTBOOKS. AT THE END OF EACH UNIT TOPICS FOR REVIEW DISCUSSION ARE SUGGESTED. A SAMPLE FINAL EXAM, SUGGESTIONS FOR USING AUDIOVISUAL MATERIALS AND PREPARING AND USING TRANSPARENCES, A GLOSSARY, A DIRECTORY OF FIRMS IN THE TRADE, AND A BIBLIOGRAPHY ARE INCLUDED. (AUTHOR/MU)

VT 100 259  
ARIZONA COOPERATIVE EDUCATION;  
TRAINING PROFILES.

ARIZONA STATE DEPT. OF EDUCATION,  
PHOENIX, DIV. OF VOCATIONAL  
EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 109P.

DESCRIPTORS - \*COOPERATIVE  
EDUCATION; \*RECORDS (FORMS);  
\*STUDENTS RECORDS; \*VOCATIONAL  
EDUCATION; SKILLS; WORK EXPERIENCE  
IDENTIFIERS - \*ARIZONA

ABSTRACT - THESE TRAINING PROFILES FOR OVER 40 OCCUPATIONS PROVIDE RECORDS FOR STUDENTS' PROGRESS THROUGH ARIZONA'S COOPERATIVE EDUCATION PROGRAMS. EACH SHEET CONTAINS THE STUDENT'S NAME, SCHOOL YEAR, TRAINING STATION, AND RECOMMENDED LEVEL OF TRAINING FOR THE PARTICULAR OCCUPATION FOR WHICH THE STUDENT IS TRAINING. THE GRID OF INFORMATION IS KEYED TO THE STUDENT'S SCHOOL AND THE DEGREE OF PROGRESS HE HAS MADE IN A VARIETY OF TASKS ORGANIZED AS ORIENTATION, SKILLS, KNOWLEDGE, DUTIES, AND RESPONSIBILITIES. (MU)

VT 100 260  
ARIZONA COOPERATIVE EDUCATION  
DIRECTORY, 1972-1973.

ARIZONA STATE DEPT. OF EDUCATION,  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 13P.

DESCRIPTORS - \*COOPERATIVE  
EDUCATION; \*COOPERATIVE PROGRAMS;  
\*DIRECTORIES; \*INSTRUCTOR  
COORDINATORS  
IDENTIFIERS - \*ARIZONA

ABSTRACT - THIS DIRECTORY OF ARIZONA COOPERATIVE EDUCATION PROGRAMS IDENTIFIES EACH ONE BY ACRONYM. THE DIRECTORY IS ORGANIZED BY SCHOOL DISTRICTS AND EACH ENTRY WITHIN A DISTRICT NAMES THE PROGRAM, ITS SITE, ITS COORDINATOR, AND THE NUMBER OF YEARS THE PROGRAM HAS BEEN IN EXISTENCE. A LIST OF SPECIAL EDUCATION WORK COORDINATORS IS INCLUDED. (MU)

VT 100 261  
EICHELBERGER, A.F., AND OTHERS  
A GUIDE FOR TEACHING AGRICULTURAL

MISSISSIPPI STATE UNIV., STATE  
COLLEGE. RESEARCH AND CURRICULUM  
UNIT.  
MF AVAILABLE IN VT-ERIC SET.  
AGRICULTURE-1007  
CURRICULUM COORDINATING UNIT,  
MISSISSIPPI STATE UNIVERSITY, P.O.  
DRAWER 0X, MISSISSIPPI STATE, MS  
39762 (\$1.00)  
PUB DATE - 72 43P.

DESCRIPTORS - \*AGRIBUSINESS;  
\*AGRICULTURAL EDUCATION; \*CRUP  
PROCESSING OCCUPATIONS;

\*OCCUPATIONAL INFORMATION; \*STATE CURRICULUM GUIDES; AGRICULTURAL PRODUCTION; FOOD PROCESSING OCCUPATIONS; TEACHING GUIDES; VOCATIONAL AGRICULTURE IDENTIFIERS - \*MISSISSIPPI

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES INSTRUCTORS OF AGRICULTURAL EDUCATION IN THE SECONDARY SCHOOLS OF MISSISSIPPI WITH PROGRAMS FOR AGRIBUSINESS AND NATURAL RESOURCES. EACH OF THE 13 UNITS INCLUDES INSTRUCTIONAL CONTENT, STUDENT ACTIVITIES, AND REFERENCES FOR THE FOLLOWING GENERAL TOPICS: (1) OCCUPATIONAL OPPORTUNITIES IN AGRIBUSINESS, (2) MARKETING OF AGRICULTURAL PRODUCTS OF MISSISSIPPI, (4) PROCESSING FOODS IN GENERAL AND IN SELECTED SPECIFIC INSTANCES, (5) PLANNING, MAINTAINING, OPERATING, AND MANAGING AGRIBUSINESSES, AND (6) SECURING EMPLOYMENT IN THE FIELD. (MU)

VT 100 262  
FICHELPERGER, A.F., AND OTHERS  
A GUIDE FOR PLANNING INSTRUCTION  
IN AGRICULTURAL EDUCATION.

MISSISSIPPI STATE UNIV., STATE COLLEGE, CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON, DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
AGRICULTURE-1001  
CURRICULUM COORDINATING UNIT,  
MISSISSIPPI STATE UNIVERSITY, P.O.  
DRAWER DX, MISSISSIPPI STATE, MS  
39762 (\$1.00)  
PUB DATE - 72 17P.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*RECORDKEEPING; \*RECORDS (FORMS); \*STUDENT RECORDS; \*VOCATIONAL AGRICULTURE; PROGRAM PLANNING; STUDENT EXPERIENCES; TEACHING GUIDES IDENTIFIERS - \*MISSISSIPPI

ABSTRACT - THE PURPOSE OF THIS TEACHER'S RECORD BOOK IS TO ASSIST IN PLANNING, MANAGING, AND EVALUATING INSTRUCTION IN VOCATIONAL AGRICULTURE PROGRAMS BASED ON STUDENTS' AND COMMUNITY NEEDS, FOR SECONDARY SCHOOLS IN MISSISSIPPI. INDIVIDUAL STUDENT RECORDS OF OCCUPATIONAL OBJECTIVES, AND ACCOMPLISHMENTS (CODED TO THE U.S. OFFICE OF EDUCATION CODE NUMBERS FOR AGRICULTURE) IN SEVEN AREAS OF INSTRUCTION, PROJECTS, FFA ACTIVITIES, WORK RECORDS IN HOURS AND WAGES, AND SAVINGS DEPOSITS ARE PROVIDED FOR A CLASS OF 25 STUDENTS. A PROGRAM OF INSTRUCTION RECORDS THE MATERIAL COVERED IN CLASS, THE DATES AND HOURS USED, AND THE NAMES OF STUDENTS

INVOLVED. A FINAL CHECKLIST OF ACCOMPLISHMENTS ASSISTS THE TEACHER IN EVALUATING THE PROGRESS OF THE PROGRAM. (MU)

VT 100 263  
GEORGIA CAREER EDUCATION CURRICULUM MATERIALS.

MISSISSIPPI STATE UNIV., MISSISSIPPI STATE, CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON, DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CURRICULUM COORDINATING UNIT,  
MISSISSIPPI STATE UNIVERSITY, P.O.  
DRAWER DX, MISSISSIPPI STATE, MS  
39762  
PUB DATE - 73 12P.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*CAREER EDUCATION; \*CURRICULUM RESEARCH; \*RESOURCE MATERIALS; CURRICULUM; EDUCATIONAL RESEARCH IDENTIFIERS - \*GEORGIA

ABSTRACT - THIS BIBLIOGRAPHY OF CAREER EDUCATION RESOURCES CONTAINS INFORMATION SUBMITTED FROM GEORGIA TO THE MISSISSIPPI CURRICULUM COORDINATING UNIT. THE 12 TITLES ARE ORGANIZED AS CAREER EXPLORATION, PREPARATION, ENTRY AND ADVANCEMENT, AND MISCELLANEOUS. DATA ON THE DOCUMENTS INCLUDE: (1) TITLE, (2) CONTENT, (3) TYPE OF MATERIAL, (4) GRADE LEVEL, (5) CAREER LEVEL, (6) INTENDED USER, (7) GENERAL DESCRIPTION, (8) AUTHOR(S), (9) PUBLISHER, (10) DATE OF PUBLICATION, (11) NUMBER OF PAGES, (12) COST, (13) PERSON SUBMITTING INFORMATION, AND (15) STATE. (MU)

VT 100 264  
BIBLIOGRAPHICAL LISTINGS OF BOOKS, HANDBOOKS AND MISCELLANEOUS MATERIALS AVAILABLE AT THE PUERTO RICO RCU EDUCATIONAL RESOURCES CENTER ON THE TOPIC OF CAREER EDUCATION.

PUERTO RICO STATE DEPT. OF EDUCATION, HATO REY, RESEARCH AND CURRICULUM DEVELOPMENT COORDINATING UNIT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - NOV72 10P.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*BIBLIOGRAPHIES; \*CAREER EDUCATION; \*RESEARCH COORDINATING UNITS; \*RESOURCE MATERIALS; EDUCATIONAL RESEARCH IDENTIFIERS - \*PUERTO RICO

ABSTRACT - THIS BIBLIOGRAPHY OF CAREER EDUCATION MATERIALS IS ORGANIZED BY DOCUMENT TYPE: (1) BOOKS, (2) HANDBOOKS, (3) BULLETINS, AND (4) MIMEOGRAPHED

MATERIALS. SOME OF THE 48 ENTRIES ARE ANNOTATED. ALL ENTRIES ARE AVAILABLE AT THE PUERTO RICO RESEARCH COORDINATING UNIT. (MU)

VT 100 265

JOHNSON, JAMES  
INDUSTRIAL PLASTICS. COURSE CURRIC

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 47P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*INDUSTRIAL EDUCATION; \*PLASTICS;  
\*TEACHING GUIDES; COURSE CONTENT;  
INDUSTRIAL ARTS; SECONDARY GRADES

ABSTRACT - THIS CURRICULUM GUIDE FOR A 1-SEMESTER COURSE IN PLASTICS FOR THE SECONDARY GRADES IS DESIGNED TO DEVELOP IN A STUDENT A GENERAL KNOWLEDGE, UNDERSTANDING, AND INSIGHT INTO THE INDUSTRY. BEHAVIORAL OBJECTIVES ARE OUTLINED FOR THE FOLLOWING GENERAL TOPICS: (1) AN INTRODUCTION TO THE INDUSTRY, (2) GENERAL TYPES OF PLASTICS, (3) INDUSTRIAL PROCESSES, TOOLS, AND EQUIPMENT, AND (4) WORKING WITH PLASTIC. EACH UNIT CONTAINS REFERENCES AND NOTES TO THE TEACHER, CLASSROOM AIDS, AND AN OUTLINE OF INSTRUCTIONAL CONTENT. A GLOSSARY OF TERMS ORGANIZED BY THE UNITS OF INSTRUCTION AND 17 TRANSPARENCIES ARE INCLUDED. (MU)

VT 100 266

BORK, ISABELLE, AND OTHERS  
HOME ECONOMICS: YOUR HOME A LIVING ENVIRONMENT. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 40P.

DESCRIPTORS - \*HOME ECONOMICS  
EDUCATION; \*HOMEMAKING EDUCATION;  
\*HOMEMAKING SKILLS; \*INTERIOR  
DESIGN; HOME FURNISHINGS;  
SECONDARY GRADES

ABSTRACT - THIS CURRICULUM GUIDE FOR COURSES IN HOMEMAKING IDEAS PROVIDES CURRICULUMS FOR TWO LEVELS OF LEARNING: BEGINNING AND ADVANCED (SPECIAL INTEREST). GENERAL GOALS, CONTENT OUTLINES, AND LEARNING ACTIVITIES FOR EACH LEVEL ARE INCLUDED: ONE GEARED FOR THE STUDENT AS A FAMILY MEMBER AND A SECOND AS A FUTURE HOUSEHOLDER INTERESTED IN A HOUSE IN TOTAL. CONCEPTS OF DESIGN, UTILITY, SAFETY, MAINTENANCE, AND COST ARE INCORPORATED INTO BOTH LEVELS. THE APPENDIX PROVIDES CHECKLISTS ON HOME CONSTRUCTION AND HOME SAFETY AND A BIBLIOGRAPHY OF BOOKS, PAMPHLETS, VISUAL AIDS, AND PERIODICALS. (MU)

VT 100 267

JOHNSON, LAUREL W.  
VOCATIONAL WELDING. COURSE CURRICU

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 127P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*SHEET METAL WORK; \*TEACHING  
GUIDES; \*TRADE AND INDUSTRIAL  
EDUCATION; \*WELDING; COURSE  
CONTENT; INDUSTRIAL ARTS

ABSTRACT - A SET OF 50 PERFORMANCE GOALS DEFINES THE COURSE CONTENT OF THIS CURRICULUM IN WELDING. EACH OF THE RESULTING 50 UNITS OF INSTRUCTION CONTAINS BEHAVIORAL OBJECTIVES, NOTES AND REFERENCES FOR THE INSTRUCTOR, MATERIAL TO BE COVERED, AND A PROCEDURE FOR EVALUATING THE STUDENT. (MU)

VT 100 268

HILL, RUTH  
OCCUPATIONAL HOME ECONOMICS.  
COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 108P.

DESCRIPTORS - \*FOOD SERVICE  
INDUSTRY; \*FOOD SERVICE WORKERS;  
\*FOODS INSTRUCTION; \*JOB TRAINING;  
\*OCCUPATIONAL HOME ECONOMICS; FOOD  
HANDLING FACILITIES; FOOD SERVICE;  
FOOD SERVICE OCCUPATIONS; FOOD  
STANDARDS; SECONDARY GRADES;  
VOCATIONAL EDUCATION

ABSTRACT - THIS COURSE IS PLANNED FOR A PUBLIC SCHOOL SYSTEM TO PREPARE THE STUDENT FOR THE RESPONSIBILITIES OF A FOOD SERVICE WORKER. IN A 3-COLUMN TEACHERS' GUIDE OF CONCEPTS AND SKILLS, LEARNING ACTIVITIES, AND REFERENCE MATERIALS, 18 UNITS PRESENT LESSONS ON THE WORKER, THE WORK ENVIRONMENT, ORGANIZATION, EQUIPMENT, AND VARIOUS SPECIFIC JOBS IN THE FOOD SERVICE INDUSTRY. SHEETS USEFUL FOR CLASS DISTRIBUTION, TESTS, AND OTHER TEACHING AIDS ARE INCLUDED AS WELL AS A JOB DESCRIPTION OF A WAITRESS, THE STATE DEPARTMENT OF HEALTH INSPECTION FORM, AND A BIBLIOGRAPHY. (MU)

VT 100 269

THORSON, LYLE G.  
VOCATIONAL ENGINE MECHANICS.  
COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 116P.

DESCRIPTORS - \*AUTO MECHANICS;  
\*AUTO MECHANICS (OCCUPATION);  
\*CURRICULUM GUIDES; \*ENGINES;  
\*TEACHING GUIDES; SECONDARY  
GRADES; TRADE AND INDUSTRIAL

## EDUCATION

ABSTRACT - TWENTY-SEVEN BEHAVIORAL OBJECTIVES DEFINE THE SCOPE AND CONTENT OF THIS CURRICULUM GUIDE IN AUTO MECHANICS FOR THE RED RIVER HIGH SCHOOL IN GRAND FORKS, NORTH DAKOTA. THE 20 UNITS OF INSTRUCTION COVER THE FOLLOWING GENERAL TOPICS: (1) TOOLS AND EQUIPMENT, (2) INTERNAL COMBUSTION ENGINE, (3) ENGINE ELECTRICAL SYSTEM, (4) AUTO ENGINE REBUILDING, (5) ENGINE TUNE-UP, (6) TROUBLESHOOTING, (7) SHOP SAFETY, (8) PRODUCTION PROCESSES, (9) CUSTOMER SERVICE, AND (10) JOB OPPORTUNITIES. EACH UNIT PROVIDES A SUGGESTED TIME ALLOTMENT, NOTES AND REFERENCES FOR THE TEACHER, NEEDED CLASSROOM MATERIALS, AND SUBJECT MATTER CONTENT. (MU)

VT 100 270  
GULSON, ORRIS  
DISTRIBUTIVE EDUCATION. LEVEL I.  
COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 182P.

DESCRIPTORS - \*BUSINESS;  
\*CURRICULUM GUIDES; \*DISTRIBUTIVE  
EDUCATION; \*MARKETING;  
\*MERCHANDISING; SECONDARY GRADES

ABSTRACT - BEHAVIORAL OBJECTIVES AND A CONTENT OUTLINE FOR EACH OF THE 22 UNITS INCLUDED MAKE UP THIS CURRICULUM GUIDE FOR DISTRIBUTIVE EDUCATION. SUBJECT MATTER COVERED BY THE COURSE INCLUDES MATERIAL ON COMPETENCIES NEEDED IN MARKETING; JOB SEEKING, THE DISTRIBUTIVE EDUCATION CLUBS OF AMERICA (DECA), THE VARIOUS FUNCTIONS OF MARKETING, SETTING UP A BUSINESS, AND HUMAN RELATIONS. (MU)

VT 100 271  
OFFICE SIMULATION-INTEGRATED  
PROJECTS FOR CLEPICAL OFFICE  
PRACTICE: TEACHER'S MANUAL.

MISSISSIPPI STATE UNIV., STATE  
COLLEGE. CURRICULUM COORDINATING  
UNIT.; UNIVERSITY OF SOUTHERN  
MISSISSIPPI, HATTIESBURG.  
MISSISSIPPI STATE DEPT. OF  
EDUCATION, JACKSON. DIV. OF  
VOCATIONAL AND TECHNICAL  
EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
CURRICULUM COORDINATING UNIT,  
DRAWER DX, MISSISSIPPI STATE, MS  
39762 (\$2.00)  
PUB DATE - 72

DESCRIPTORS - \*BOOKKEEPING;  
\*OFFICE OCCUPATIONS; \*OFFICE  
OCCUPATIONS EDUCATION; \*OFFICE  
PRACTICE; \*SIMULATION; ANSWER  
KEYS; BANKING; CLERICAL WORKERS;  
MANUALS; SECONDARY GRADES

ABSTRACT - THIS TEACHERS' MANUAL IS DESIGNED FOR USE IN A CLASSROOM SIMULATING THE VARIOUS FUNCTIONS OF BOOKKEEPING PECULAR TO BANKING INSTITUTIONS. THE POSITIONS OF PAYROLL CLERK, SAVINGS TELLER, LOAN TELLER, GENERAL CLERK TYPIST, AND OFFICE MANAGER ARE SUPPLIED WITH INPUT DATA FOR CLASS PROBLEMS. THE PROBLEMS AND ANSWER KEY ARE INCLUDED IN THE MANUAL. RELATED DOCUMENTS ARE AVAILABLE AS VT 100 083 - VT 100 086 AND VT 100 088. (MU)

VT 100 272  
CLARK, VERL L.  
VOCATIONAL GRAPHIC ARTS.  
COMMERCIAL PRINTING COURSE  
CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 96P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*GRAPHICS ARTS; \*INDUSTRIAL ARTS;  
\*PRINTING; \*REPROGRAPHY; SECONDARY  
GRADES; TRADE AND INDUSTRIAL  
EDUCATION

ABSTRACT - THIRTY-FIVE UNITS OF INSTRUCTION ARE OUTLINED IN THIS GRAPHICS ARTS COURSE FOR SECONDARY GRADES. EACH UNIT PROVIDES OBJECTIVES, REFERENCES AND NOTES, AIDS AND MATERIALS REQUIRED, SUGGESTED CLASSROOM HOURS, AND INSTRUCTIONAL CONTENT. SUBJECT MATTER COVERS SUCH TOPICS AS TYPE AND ITS USES, PRESS OPERATIONS, TYPESETTING AND COMPOSITION, OF PRINTING, AND REPRODUCTION PROCESSES. AN EXTENSIVE VOCABULARY LIST, A NUMBER OF TRANSPARENCY MASTERS AND ADDENDA FOR SPECIFIC UNITS ARE INCLUDED IN THE APPENDIX. (MU)

VT 100 273  
SEIVERT, FLDA; BROWNSON, RICHARD  
DIVERSIFIED OCCUPATIONS, LEVEL  
III. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 56P.

DESCRIPTORS - \*EMPLOYMENT; \*FAMILY  
LIFE EDUCATION; \*PERSONAL VALUES;  
\*PREVOCATIONAL EDUCATION; \*WORK  
ATTITUDES; ATTITUDES; CURRICULUM  
GUIDES; PERSONAL ADJUSTMENT;  
SECONDARY GRADES

ABSTRACT - THIRTY-SEVEN BEHAVIORAL GOALS DEFINE THE CONTENT OF THIS COURSE CURRICULUM. EACH OF THE 34 UNITS PROVIDES THE TEACHER WITH OBJECTIVES, REFERENCES AND NOTES, MATERIALS NEEDED, SUGGESTED HOURS OF CLASS TIME, AND CONCEPTS TO BE COVERED IN THE CLASSROOM. SUBJECT MATTER INCLUDES MATERIAL ON

PERSONAL REGIMEN, EMPLOYMENT, SOCIAL AMENITIES, HOMEMAKING, AND CITIZENSHIP. (MU)

VT 100 274  
MASON, VERN K.  
VOCATIONAL CONSTRUCTION  
ELECTRICITY. COURSE CURRICULUM.

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 70 114P.

DESCRIPTORS - \*CONSTRUCTION (PROCESS); \*CURRICULUM GUIDES; \*ELECTRICAL OCCUPATIONS; \*ELECTRICITY; \*TRADE AND INDUSTRIAL EDUCATION; BUILDING TRADES; ELECTRIC MOTORS; ELECTRICIANS; PHYSICS; SECONDARY GRADES  
IDENTIFIERS - \*GRAND FORKS PUBLIC SCHOOLS; NORTH DAKOTA

ABSTRACT - TEN UNITS OF INSTRUCTION ARE OUTLINED IN THIS 364-HOUR COURSE INTRODUCING THE SECONDARY STUDENT OF GRAND FORKS, NORTH DAKOTA TO THE FUNCTIONS OF ELECTRICITY AND THE JOBS IN CONSTRUCTION FOR ELECTRICIANS. PRELIMINARY INFORMATION DESCRIBES THE TEN UNITS, TIME ASSIGNED TO EACH, PERFORMANCE OBJECTIVES TO BE ACHIEVED BY EACH, AND A TOPICAL OUTLINE OF THE COURSE. THE UNITS INCLUDE AN INTRODUCTION TO THE THEORY AND PRACTICE OF ELECTRICITY, INFORMATION ON OCCUPATIONS, UNIONS, AND NEARBY TRAINING INSTITUTIONS IN THE FIELD, THEORY OF ELECTRICITY AND ELECTRONICS, GOVERNMENT REGULATIONS IN CONSTRUCTION, AND VARIOUS MOTORS. AN EXTENSIVE VOCABULARY LIST IS KEYED TO EACH UNIT AND A GLOSSARY OF ELECTRICAL FORMULAS IS INCLUDED. (MU)

VT 100 275  
ERLANDSON, RAY S.  
STARTING AND MANAGING A SMALL RETAIL MUSIC STORE. STARTING AND MANAGING SERIES, VOLUME 20.

SMALL BUSINESS ADMINISTRATION, WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (S/N 4500-00107, \$.55)  
PUB DATE - 70 87P.

DESCRIPTORS - \*BUSINESS; \*MANAGEMENT; \*MUSIC; MANAGERIAL OCCUPATIONS; PUBLICATIONS; SERIALS  
IDENTIFIERS - \*MUSIC STORE MANAGEM

ABSTRACT - THIS BOOKLET WAS PREPARED IN COOPERATION WITH THE NATIONAL ASSOCIATION OF MUSIC MERCHANTS AND IS INTENDED TO ASSIST PERSONS INTERESTED IN SETTING UP AND MANAGING RETAIL

MUSIC BUSINESSES. SPECIFIC TOPICAL CONTENTS INCLUDE: (1) THE MUSIC BUSINESS, (2) LOCATION PROBLEMS, (3) LEASED DEPARTMENTS, (4) YOUR BUILDING AND EQUIPMENT, (5) THE STUDIO OPERATION, (6) YOUR STARTING CAPITAL, (7) YOUR MERCHANDISE, (8) FINANCIAL MANAGEMENT, (9) OTHER MANAGEMENT CONCERNS, (10) SELLING, (11) BRINGING CUSTOMERS INTO THE STORE, (12) THE RECORD DEPARTMENT, AND (13) YOUR BUSINESS AND THE LAW. IN ADDITION, A SECTION ANNOUNCING INFORMATIONAL SOURCES IS PROVIDED. (SN)

VT 100 276  
NELSON, RODNEY; GULSON, DARRIS  
DISTRIBUTIVE EDUCATION. COURSE CUR

GRAND FORKS PUBLIC SCHOOLS, N. DAK  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 229P.

DESCRIPTORS - \*DISTRIBUTIVE EDUCATION; \*MARKETING; \*MERCHANDISING; \*RETAILING; COOPERATIVE EDUCATION; CURRICULUM GUIDES; SECONDARY GRADES; TEACHING GUIDES  
IDENTIFIERS - \*DISTRIBUTIVE EDUCATION CLUBS OF AMERICA; DECA

ABSTRACT - THIS INTRODUCTION TO DISTRIBUTIVE EDUCATION FOR SECONDARY STUDENTS IS DESIGNED AS A TEACHING GUIDE TO ACCOMPANY THE TEXT, RICHART, MEYER, AND HAINES, "RETAILING PRINCIPLES AND PRACTICES." EACH OF THE 16 UNITS PROVIDES BEHAVIORAL OBJECTIVES, REFERENCES TO THE TEXT, AN OUTLINE OF THE SUBJECT MATTER, AND A VARIETY OF VISUAL AIDS, OTHER TEACHING AIDS AND RESOURCES. SUBJECT MATTER COVERED INCLUDES ALL OF THE FUNCTIONS OF RETAILING PLUS THE STUDENT DISTRIBUTIVE EDUCATION CLUBS OF AMERICA (DECA) MATERIAL. (MU)

VT 100 277  
BEAUTY PRODUCTS AND THE CONSUMER. ONE OF A SERIES FOR EXPANDED PROGRAMS IN CONSUMER EDUCATION.

NEW YORK STATE EDUCATION DEPT., ALBANY, BUREAU OF SECONDARY CURRICULUM DEVELOPMENT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 91P.

DESCRIPTORS - \*CONSUMER EDUCATION; \*COSMETOLOGY; \*MERCHANDISE INFORMATION; \*SAFETY; \*SELF CARE SKILLS; HEALTH; HYGIENE; SANITATION  
IDENTIFIERS - \*COSMETICS

ABSTRACT - THIS MODULE IS PART OF A CONSUMER EDUCATION COURSE CURRICULUM IN NEW YORK STATE WHICH HAS BEEN INTRODUCED INTO OVER 500 HIGH SCHOOLS IN THE STATE. THESE

MODULES, DESIGNED TO HELP LOW INCOME CONSUMERS MAKE BETTER USE OF THEIR MONEY, MAY BE USED AS SEMESTER COURSES OR AS ADDED MATERIAL IN AN EXISTING COURSE. THE 3-COLUMN GUIDE PROVIDES THE TEACHER WITH CONCEPTS TO BE TAUGHT, ACTIVITIES FOR THE TEACHER AND PUPIL, AND SOURCES FOR INFORMATION. OVER 20 UNITS INCLUDE MATERIAL ON SUCH TOPICS AS: (1) THE IMPORTANCE AND HISTORY OF THE BEAUTY BUSINESS, (2) THE SAFETY USES, AND HAZARDS OF COSMETICS, (3) HEALTH SPAS, (4) PROFESSIONAL COSMETOLOGISTS, AND (5) WIGS AND JEWELRY. (MU)

VT 100 278  
PRINCIPLES OF INCINERATION.  
TRAINING COURSE MANUAL.

ENVIRONMENTAL PROTECTION AGENCY,  
CINCINNATI, OHIO.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - OCT71 150P.

DESCRIPTORS - \*AIR POLLUTION  
CONTROL; \*ENVIRONMENTAL EDUCATION;  
\*POLLUTION; \*WASTE DISPOSAL;  
\*WASTES; ENVIRONMENT  
IDENTIFIERS - \*INCINERATION

ABSTRACT - THIS TRAINING MANUAL WAS ESPECIALLY PREPARED FOR TRAINEES ATTENDING A 4-DAY COURSE ON PRINCIPLES OF INCINERATION IN OCTOBER, 1971 AT CINCINNATI. A SCHEDULE OF THE SESSIONS COVERS THE COURSE CONTENT OF THE MANUAL. TOPICS TREATED IN THE TEXT ARE ORGANIZED INTO FOUR SECTIONS WHICH INCLUDE THE FOLLOWING: (1) GENERAL DESIGN CONSIDERATION, (2) EQUIPMENT, DISPOSAL, AND ECONOMICS OF INCINERATION, (3) RATING METHODS FOR OPERATIONS, AND (4) THE FUTURE OF INCINERATION. AN APPENDIX CONTAINS A LIST OF SOLID WASTE DEFINITIONS, A REFUSE MATERIAL CHART, AN ENGINEERING SURVEY FORM FOR INCINERATOR SITES, AND AN EVALUATION OF SEVEN INCINERATORS BASED ON AN EXTENSIVE RESEARCH STUDY DONE EARLIER. (MU)

VT 100 279  
COMPUTER SYSTEMS PROGRAMMING  
OFFICER. PLAN OF INSTRUCTION.

AIR TRAINING COMMAND, SHEPPARD  
AFB, TEX. SHEPPARD TECHNICAL  
TRAINING CENTER.  
MF AVAILABLE IN VT-ERIC SET.  
POI-30PR5141  
PUB DATE - 23SEP71 33P.

DESCRIPTORS - \*COMPUTER SCIENCE  
EDUCATION; \*PROGRAMING;  
\*PROGRAMING LANGUAGES; \*TEACHING  
GUIDES; BEHAVIORAL OBJECTIVES;  
COMPUTER ORIENTED PROGRAMS; COURSE  
CONTENT; PROGRAM DESIGN;  
PROGRAMERS; SYSTEMS ANALYSTS

ABSTRACT - THIS PLAN OF INSTRUCTION PRESCRIBES THE QUALITATIVE REQUIREMENTS FOR TWO AIR FORCE COURSES IN TERMS OF LEARNING OBJECTIVES (CRITERION AND ENABLING) PRESENTED IN THE PREFERRED TEACHING SEQUENCE. THE COURSES ARE DESIGNED TO TRAIN SELECTED AIR FORCE PERSONNEL AS COMPUTER SYSTEMS PROGRAMING OFFICERS AND AUTOMATED SYSTEMS PROGRAM DESIGNERS. SCOPE OF TRAINING INCLUDES COMPUTER PROGRAMING TECHNIQUES SUCH AS FLOW-CHARTING METHODS, FILE ORGANIZATION, TESTING AND DEBUGGING, PROGRAMING IN BASIC MACHINE LANGUAGES AND COMPILER LEVEL LANGUAGES, AND VARIOUS SYSTEMS ANALYSIS AND DESIGN, TOGETHER WITH PROCEDURES AND TECHNIQUES FOR COORDINATING AND DIRECTING PROGRAMING ACTIVITIES. (AUTHOR/MF)

VT 100 280  
MEDICAL RADIOLOGIC TECHNOLOGY: A  
SUGGESTED TWO-YEAR POST-HIGH  
SCHOOL CURRICULUM.

OFFICE OF EDUCATION (DHEW), WASHIN  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 363P.

DESCRIPTORS - \*COURSE  
DESCRIPTIONS; \*CURRICULUM GUIDES;  
\*RADIOLOGIC TECHNOLOGISTS;  
EDUCATIONAL FACILITIES;  
EDUCATIONAL PROGRAMS; POST  
SECONDARY EDUCATION

ABSTRACT - THIS GUIDE HAS BEEN PREPARED FOR EDUCATIONAL ADMINISTRATORS AND PLANNERS, HEALTH FACILITY ADMINISTRATORS, AND OTHER PROFESSIONAL OR TECHNICAL PERSONS INTERESTED IN ESTABLISHING OR STRENGTHENING PROGRAMS IN RADIOLOGIC TECHNOLOGY. A CURRICULUM OUTLINE AND COURSE DESCRIPTIONS ARE PRESENTED FOR TECHNICAL SPECIALTY COURSES, MATHEMATICS AND SCIENCE COURSES, AND GENERAL COURSES. PLANNING BUILDINGS, FACILITIES, EQUIPMENT, AND COSTS ARE DESCRIBED AND SUGGESTED EQUIPMENT AND SUPPLIES ARE LISTED. INFORMATION IS GIVEN FOR HOSPITAL-BASED PROGRAMS, HOSPITAL-BASED COLLEGE-AFFILIATED PROGRAMS, EDUCATION INSTITUTION-BASED PROGRAMS, AND OTHERS. ALTHOUGH FIGURES TO ILLUSTRATE THE TEXT ARE REFERRED TO, NO FIGURES ARE INCLUDED IN THIS UNDATED DRAFT COPY. (MF)

VT 100 281  
COOPER, FLMER L., ED.  
AN INSTRUCTIONAL MANUAL FOR  
CONTINUING EDUCATION IN  
AGRICULTURE. CURRICULUM MATERIALS  
FOR AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND

STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.  
 VIRGINIA STATE DEPT. OF EDUCATION,  
 RICHMOND. DIV. OF VOCATIONAL EDUCATION.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB-AE-8  
 PUB DATE - APR73 187P.

DESCRIPTORS - \*ADULT FARMER EDUCATION;  
 \*AGRICULTURAL EDUCATION;  
 \*INSTRUCTIONAL MATERIALS;  
 \*VOCATIONAL AGRICULTURE;  
 \*YOUNG FARMER EDUCATION;  
 AGRIBUSINESS; GUIDELINES IDENTIFIERS - VIRGINIA

ABSTRACT - THIS MANUAL HAS BEEN PREPARED TO HELP TEACHERS OF AGRICULTURE IN PLANNING, ORGANIZING, AND CONDUCTING INSTRUCTIONAL PROGRAMS IN AGRICULTURE FOR YOUNG FARMERS AND ADULTS. SUGGESTIONS ARE OFFERED TO ASSIST IN DEVELOPING COOPERATION AMONG LOCAL SCHOOL ADMINISTRATORS, DIRECTORS OF INSTRUCTION, TEACHERS, AND AGRICULTURAL AND CIVIC LEADERS IN PROVIDING EFFECTIVE INSTRUCTIONAL PROGRAMS. THE MANUAL IS DESIGNED FOR USE IN AGRICULTURAL EDUCATION PROGRAMS IN SECONDARY SCHOOLS. THE MATERIAL IS ORGANIZED IN SECTIONS DEALING WITH YOUNG FARMER ORGANIZATIONS, PLANNING AND ORGANIZING A YOUNG FARMER ASSOCIATION, FARMER PROGRAMS, CONTESTS AND AWARDS, PROGRAM TOPICS AND INSTRUCTIONAL UNITS, PROGRAM GUIDELINES, AND RESOURCE PERSONNEL. (MF)

VT 100 282  
 COOPER, ELMER L.  
 ESTATE PLANNING: A TEACHING GUIDE FOR CONTINUING EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.  
 VIRGINIA STATE DEPT. OF EDUCATION,  
 RICHMOND. DIV. OF VOCATIONAL EDUCATION.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB-AE-7  
 PUB DATE - MAY73 76P.

DESCRIPTORS - \*ADULT FARMER EDUCATION;  
 \*ESTATE PLANNING;  
 \*INSTRUCTIONAL MATERIALS;  
 \*TEACHING GUIDES;  
 \*YOUNG FARMER EDUCATION;  
 VOCATIONAL AGRICULTURE TEACHERS

ABSTRACT - THIS PUBLICATION CONTAINS LESSON MATERIALS AND CONTENT INFORMATION FOR TEACHERS OF AGRICULTURE IN DEVELOPING PLANS FOR YOUNG AND ADULT FARMER CLASSES. THE INSTRUCTIONAL GUIDE PRESENTS TEACHING-LEARNING OBJECTIVES, INTEREST APPROACH, STUDENT OBJECTIVES, PROBLEMS AND GUIDE QUESTIONS, TRANSPARENCY

MASTERS, SUGGESTIONS FOR MATERIALS TO BE USED IN STUDYING ESTATE PLANNING, AND REFERENCES. THE CONTENT SUMMARY INCLUDES SUCH TOPICS AS REASONS FOR ESTATE PLANNING, TYPES OF PROPERTY OWNERSHIP, BUSINESS OWNERSHIP, INSTRUMENTS AND TECHNIQUES FOR ESTATE PLANNING, AND A WORKSHEET FOR ESTIMATING ESTATE SETTLEMENT COSTS. (MF)

VT 100 283  
 MCCARTY, GLENN  
 SECURING AND SUCCEEDING ON A JOB. AGRICULTURAL BUSINESS. CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.  
 VIRGINIA STATE DEPT. OF EDUCATION,  
 RICHMOND. DIV. OF VOCATIONAL EDUCATION.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB-AB-3  
 PUB DATE - 73 44P.

DESCRIPTORS - \*AGRIBUSINESS;  
 \*CAREER PLANNING;  
 \*EMPLOYMENT INTERVIEWS;  
 \*INSTRUCTIONAL MATERIALS;  
 \*JOB APPLICATIONS;  
 AGRICULTURAL EDUCATION;  
 EMPLOYMENT OPPORTUNITIES;  
 VOCATIONAL DEVELOPMENT

ABSTRACT - A LESSON OUTLINE FOR USE BY TEACHERS OF AGRICULTURE IS PRESENTED AS A GUIDE TO DEVELOPING TEACHING PLANS. THE PROBLEM AREA IS SECURING A JOB IN AGRICULTURAL BUSINESS AND THE TOPICS TO BE DISCUSSED INCLUDE OBJECTIVES, JOB APPLICATIONS, INTERVIEWS, OPPORTUNITIES, AND CAREERS. AIDS AND ACTIVITIES ARE SUGGESTED FOR OBTAINING A JOB. THE PUBLICATION INCLUDES A PERSONNEL DATA SHEET, SAMPLE APPLICATION LETTERS, SAMPLE EMPLOYMENT APPLICATIONS, AND INFORMATION ABOUT EMPLOYMENT INTERVIEWS AND JOB AREAS IN AGRICULTURAL BUSINESS. (MF)

VT 100 284  
 MCCARTY, GLENN  
 ESTABLISHING AND CONDUCTING THE AGRICULTURAL BUSINESSES OPTION. PLANNING GUIDE.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.  
 VIRGINIA STATE DEPT. OF EDUCATION,  
 RICHMOND. DIV. OF VOCATIONAL EDUCATION.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB-AB-2  
 PUB DATE - 73 82P.

DESCRIPTORS - \*AGRIBUSINESS;  
 \*AGRICULTURAL EDUCATION;  
 \*OFF FARM AGRICULTURAL OCCUPATIONS;  
 \*WORK EXPERIENCE PROGRAMS;  
 \*PROGRAM GUIDES;  
 SCHOOL INDUSTRY

## RELATIONSHIP

ABSTRACT - THE PURPOSE OF THIS REPORT IS TO PRESENT THOSE AREAS OF IMPORTANCE IN ESTABLISHING AND CONDUCTING THE AGRICULTURAL BUSINESS OPTION IN AGRICULTURAL EDUCATION. STEPS IN DEVELOPING THE PROGRAM AND THE USE OF CLASSROOM AND WORK EXPERIENCE PROGRAMS ARE OUTLINED. DIRECTED WORK EXPERIENCE PROGRAMS ARE PRIMARILY TO PREPARE STUDENTS FOR CAREERS IN OFF-FARM AGRICULTURAL OCCUPATIONS. SELECTION OF TRAINING CENTERS, I. E., EMPLOYERS, FOR THESE PROGRAMS AND THE UNDERSTANDING OF THE LEGAL ASPECTS OF SUCH PROGRAMS ARE DETAILED IN THE REPORT. APPENDED ARE 14 FORMS PREPARED FOR USE IN THE AGRICULTURAL BUSINESS PROGRAM. (MF)

VT 100 285  
AIRCRAFT DISPATCHER WRITTEN TEST G

FEDERAL AVIATION ADMINISTRATION (DOT), WASHINGTON, D.C. FLIGHT STANDARDS SERVICE.  
MF AVAILABLE IN VT-ERIC SET.  
AC-65-4B  
PUB DATE - 72 65P. REVISION OF AC-65-4A (VT 012 151, AIM, SPRING 1971).

DESCRIPTORS - \*AVIATION TECHNOLOGY; \*CERTIFICATION; \*STUDY GUIDES; \*TESTS; CHARTS  
IDENTIFIERS - \*AIRCRAFT DISPATCHER

ABSTRACT - THIS TEST GUIDE WAS PREPARED TO ASSIST APPLICANTS WHO ARE PREPARING FOR THE AIRCRAFT DISPATCHER WRITTEN AND PRACTICAL TESTS. IT SUPERSEDES AC-65-4A ISSUED IN 1969. THE GUIDE OUTLINES THE TYPE AND SCOPE OF KNOWLEDGE COVERED IN THE TESTS, LISTS REFERENCE MATERIALS, AND PRESENTS SAMPLE QUESTIONS. THOSE PORTIONS OF THE FEDERAL AVIATION REGULATIONS CONCERNING THE ELIGIBILITY, KNOWLEDGE, AND EXPERIENCE REQUIREMENTS FOR THE CERTIFICATE ARE INCLUDED. (AUTHOR/MF)

VT 100 286  
LINN, LELAND P.  
MANUAL FOR TRAINING SCHOOL BUS DRIVERS IN OREGON.

OREGON STATE DEPT. OF EDUCATION, S  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAY68 78P.

DESCRIPTORS - \*DRIVER EDUCATION; \*MANUALS; \*SCHOOL BUSES; \*TRAFFIC SAFETY; TEACHING GUIDES  
IDENTIFIERS - \*SCHOOL BUS DRIVER T

ABSTRACT - THIS MANUAL WAS DEVELOPED TO AID INSTRUCTORS RESPONSIBLE FOR THE TRAINING OF SCHOOL BUS DRIVERS IN PREPARING

THEIR TRAINING SESSIONS. PRESENTED ARE 4 UNITS OF STUDY, A DRIVER CHECK LIST, A SCHOOL BUS ROADED INFORMATION SECTION, AN ANNUAL SCHOOL BUS INSPECTION FORM, AND SOME DO'S AND DON'TS REGARDING DISCIPLINE. UNIT TOPICS INCLUDE: (1) THE DRIVER, (2) MANAGEMENT OF SCHOOL BUS PASSENGERS, (3) THE SCHOOL BUS AND ITS CARE, AND (4) DRIVING THE ROUTE. (SN)

VT 100 287  
CURRICULUM GUIDE FOR BUSINESS EDUCATION  
MARYSVILLE JOINT UNIFIED SCHOOL DISTRICT, CALIF.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 112P.

DESCRIPTORS - \*BUSINESS EDUCATION; \*CURRICULUM GUIDES; \*TEACHING GUIDES; BUSINESS SUBJECTS; COURSE CONTENT; SECONDARY GRADES

ABSTRACT - THIS CURRICULUM GUIDE WAS DESIGNED FOR USE BY BUSINESS EDUCATION TEACHERS IN CALIFORNIA'S MARYSVILLE JOINT UNIFIED SCHOOL DISTRICT. INCLUDED ARE INSTRUCTIONAL PLANS FOR ALL COURSES COMPRISING THE BUSINESS EDUCATION CURRICULUM IN GRADES 9-12 COMPLETE WITH PROGRAM CONTENT OBJECTIVES, PERFORMANCE OBJECTIVES, AND SPACES FOR THE ENTRANCE OF LEARNING STRATEGIES, RESOURCES, AND PRIORITIES BY THE PERSPECTIVE TEACHERS. (SN)

VT 100 288  
WORLD OF WORK. GUIDE, GRADES 1-12.

BETHEL SCHOOL DISTRICT NUMBER 52, EUGENE, ORE.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 71P. SECOND EDITION

DESCRIPTORS - \*CAREER EDUCATION; \*CURRICULUM GUIDES; \*TEACHING GUIDES; \*VOCATIONAL DEVELOPMENT; EDUCATIONAL PROGRAMS; ELEMENTARY GRADES; SECONDARY GRADES

ABSTRACT - THIS GUIDE WAS DEVELOPED TO ASSIST TEACHERS IN GRADES 1-12 IN INTEGRATING RELEVANT CAREER EDUCATION CONCEPTS PERTAINING TO THE WORLD OF WORK INTO THE TRADITIONAL CURRICULUM. INCLUDED ARE: (1) INTRODUCTORY OVERVIEWS OF THE ELEMENTARY, JUNIOR HIGH, AND HIGH SCHOOL CURRICULUMS PRESENTED, AND (2) INSTRUCTIONAL OUTLINES CONTAINING BEHAVIORAL OBJECTIVES AND SUGGESTED TEACHING/LEARNING ACTIVITIES FOR THE AREAS OF STUDY GIVEN FOR EACH OF THE 12 GRADE LEVELS. IN ADDITION, INSTRUCTIONAL RESOURCES AND EVALUATION CRITERIA ARE PROVIDED. (SN)

VT 100 289  
FIRE SCIENCE CURRICULUM GUIDE. REV

OREGON STATE BOARD OF EDUCATION, S  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 46P.

DESCRIPTORS - \*CURRICULUM GUIDES;  
\*FIRE PROTECTION; \*FIRE SCIENCE  
EDUCATION; \*PROGRAM PLANNING;  
\*VOCATIONAL EDUCATION; CURRICULUM  
PLANNING; POST SECONDARY  
EDUCATION; SERVICE OCCUPATIONS

ABSTRACT - THIS MANUAL IS INTENDED  
TO SERVE AS A GUIDE FOR THE  
PLANNING AND IMPLEMENTATION OF  
VOCATIONAL TRAINING PROGRAMS IN  
FIRE PROTECTION. ITS CONTENTS  
INCLUDE: (1) A COMPREHENSIVE LIST  
OF THE OREGON STATE ADVISORY  
COMMITTEE ON FIREMAN TRAINING, (2)  
AN INTRODUCTION, (3) A SECTION  
OUTLINING THE PRELIMINARY STEPS TO  
FOLLOW IN PLANNING TRAINING  
PROGRAMS. IN ADDITION, A  
BIBLIOGRAPHIC LISTING OF  
REFERENCES AND INSTRUCTIONAL  
RESOURCES IS GIVEN AS WELL AS  
APPENDIXES CONTAINING AN  
ORGANIZATIONAL CHART, AN OUTLINE  
OF THE SKILLS IMPORTANT IN  
FIREFIGHTING, COURSE DESCRIPTIONS,  
AND RECRUITMENT STANDARDS. (SN)

VT 100 290  
A COURSE OF STUDY FOR THE  
COOPERATIVE WORK STUDY PROGRAM.

CLARKSVILLE-MONTGOMERY COUNTY SCHO  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 221P.

DESCRIPTORS - \*COOPERATIVE  
EDUCATION; \*COURSE DESCRIPTIONS;  
\*MENTALLY HANDICAPPED; \*TEACHING  
GUIDES; \*WORK STUDY PROGRAMS;  
HANDICAPPED STUDENTS; VOCATIONAL  
EDUCATION

ABSTRACT - THIS INSTRUCTIONAL  
MANUAL WAS DEVELOPED TO ASSIST  
TEACHERS OF EDUCABLE MENTALLY  
HANDICAPPED STUDENTS ENROLLED IN  
SPECIAL EDUCATION CLASSES OF THE  
CLARKSVILLE-MONTGOMERY COUNTY  
SCHOOLS. THE GUIDE IS BASED ON  
FINDINGS OBTAINED IN A PREVIOUS  
STUDY OF THE NEEDS AND  
CHARACTERISTICS OF CHILDREN WITH  
SEVERE LEARNING DISABILITIES AND  
INCLUDES A PHILOSOPHY AND  
ORIENTATIONAL OVERVIEW OF THE  
PROPOSED COOPERATIVE WORK STUDY  
PROGRAM AS WELL AS GENERAL PROGRAM  
OBJECTIVES AND A LIST OF THE NEEDS  
TO BE FULFILLED BY THE PROGRAM. IN  
ADDITION, OBJECTIVES, COURSE  
DESCRIPTIONS, LEARNING ACTIVITIES,  
TEACHING METHODS AND INSTRUCTIONAL  
MATERIALS TO BE USED IN TEACHING  
THE PUPILS ARE GIVEN. (SN)

VT 100 291  
HOW TO HANDLE DRIVING EMERGENCIES:  
A PROGRAM FOR DRIVER AND TRAFFIC  
SAFETY EDUCATION.

HIGHWAY USERS FEDERATION FOR  
SAFETY AND MOBILITY, WASHINGTON,  
D.C.  
MF AVAILABLE IN VT-ERIC SET.  
HIGHWAY USERS FEDERATION FOR  
SAFETY AND MOBILITY, 1776  
MASSACHUSETTS AVE., N.W.  
WASHINGTON, D.C. 20036 (\$3.50)  
PUB DATE - DEC 70 109P.

DESCRIPTORS - \*DRIVER EDUCATION;  
\*SAFETY EDUCATION; \*TRAFFIC  
ACCIDENTS; \*TRAFFIC SAFETY;  
\*VEHICULAR TRAFFIC; EMERGENCY  
PROGRAMS; MOTOR VEHICLES; SKILL  
DEVELOPMENT

ABSTRACT - TO HELP THE BEGINNING  
DRIVER IN LEARNING TO DEAL WITH  
EMERGENCIES, THIS PROGRAM OF  
LEARNING RESPONSES TO GIVEN  
HAZARDS PROVIDES A NUMBER OF  
COMMON SITUATIONS A DRIVER FACES.  
THE OBJECTIVE OF THE PROGRAM IS TO  
TEACH THE DRIVER TO REACT  
AUTOMATICALLY IN THE MOST  
EFFECTIVE WAY WHEN A DRIVING  
EMERGENCY OCCURS. SOME OF THE  
HAZARDS THAT ARE DEALT WITH  
INCLUDE: (1) CONTROLLING A SKID,  
(2) MINIMIZING A COLLISION, (3)  
HANDLING FAILURE OF HEADLIGHTS,  
TIRES, AND STEERING, AND (4)  
REACTING TO HAZARDS WHICH OTHER  
DRIVERS HAVE CREATED. THE TEACHING  
PROCEDURE SETS UP A DRIVING  
SITUATION (WEATHER, ROAD, TYPE OF  
CAR, AMOUNT OF TRAFFIC, ROAD  
CONDITIONS, ETC.) AND THEN  
INTRODUCES A HAZARD FOR THE  
STUDENT TO RESPOND TO. STANDARDS  
ARE PROVIDED FOR THE STUDENT TO  
MEASURE HIS RESPONSE AGAINST.  
SKILLS ARE TESTED IN A FINAL  
EXAMINATION OF STUDENT RESPONSE.  
(MU)

VT 100 292  
PREPARATION AND USE OF  
INSTRUCTIONAL MODULES IN DRIVER  
AND TRAFFIC SAFETY EDUCATION.

HIGHWAY USERS FEDERATION FOR  
SAFETY AND MOBILITY, WASHINGTON,  
D.C.  
MF AVAILABLE IN VT-ERIC SET.  
HIGHWAY USERS FEDERATION FOR  
SAFETY AND MOBILITY, 1776  
MASSACHUSETTS AVE., N.W.  
WASHINGTON, D.C. 20036 (\$1.00)  
PUB DATE - DEC 70 21P.

DESCRIPTORS - \*DRIVER EDUCATION;  
\*MATERIAL DEVELOPMENT; \*PROGRAMED  
MATERIALS; \*TRAFFIC SAFETY;  
EDUCATIONAL RESOURCES; GUIDES;  
INSTRUCTIONAL AIDS; INSTRUCTIONAL  
IDENTIFIERS - \*MODULE DEVELOPMENT

ABSTRACT - THIS BOOKLET WAS  
DESIGNED TO AID IN THE PRODUCTION  
AND USE OF INSTRUCTIONAL MODULES  
IN THE AREA OF DRIVER AND TRAFFIC  
SAFETY EDUCATION. SPECIFIC

CONTENTS OF THE PUBLICATION INCLUDE TOPICAL SECTIONS ON: (1) WHAT IS A MODULE, (2) HOW TO USE THE MODULE IN DRIVER AND TRAFFIC SAFETY EDUCATION, (3) MODULES IN CRITERION-REFERENCED DRIVER EDUCATION PROGRAMS, AND (4) HOW TO PREPARE A MODULE. TO FURTHER FACILITATE FASE IN MODULE DEVELOPMENT, SAMPLE MODULES, A GENERAL BIBLIOGRAPHY, ADDITIONAL READING RESOURCES, AND STUDENT REFERENCES ARE PROVIDED. (SN)

VT 100 293  
SUGGESTED LIST OF REFERENCES FOR USE IN HOME ECONOMICS DEPARTMENTS.

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JUL72 11P.

DESCRIPTORS - \*BIBLIOGRAPHIES;  
\*HOME ECONOMICS; \*HOME ECONOMICS EDUCATION; BIBLIOGRAPHIC CITATIONS; BOOKS; SECONDARY GRADES

ABSTRACT - THIS DOCUMENT CONTAINS A LISTING OF REFERENCES WHICH MAY BE USED IN JUNIOR AND SENIOR HIGH SCHOOL HOME ECONOMICS COURSES. THE REFERENCES GIVEN ARE ENTERED IN ALPHABETICAL ORDER UNDER SPECIFIC TITLES BY AUTHOR. TOPICAL ENTRIES INCLUDE: (1) ALL PURPOSE CONSUMER AND HOMEMAKING BOOKS, (2) CARE AND GUIDANCE OF CHILDREN, (3) CAREER INFORMATION, (4) FOODS AND NUTRITION, (5) HEALTH, SAFETY, AND HOME NURSING, (6) HOME ECONOMICS FOR BOYS, (7) HOME MANAGEMENT AND FAMILY ECONOMICS, (8) HOUSING AND HOME FURNISHING, (9) PERSONAL AND FAMILY RELATIONS, (10) SELECTION, CARE, AND CONSTRUCTION OF CLOTHING, (11) TEACHER REFERENCES, (12) PARLIAMENTARY PROCEDURE, (13) COOK BOOKS, (14) MAGAZINES, AND (15) ADDRESSES OF PUBLISHING COMPANIES. (SN)

VT 100 294  
IMPROVING DRIVER PERFORMANCE: A CURRICULUM FOR LICENSED DRIVERS.

HIGHWAY USERS FEDERATION FOR SAFETY AND MOBILITY, WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
HIGHWAY USERS FEDERATION FOR SAFETY AND MOBILITY, 1776 MASSACHUSETTS AVE., N.W.  
WASHINGTON, D.C. 20026 (\$1.80)  
PUB DATE - JUN71 33P.

DESCRIPTORS - \*COURSE CONTENT;  
\*CURRICULUM GUIDES; \*DRIVER EDUCATION; \*SAFETY EDUCATION;  
\*TRAFFIC SAFETY; CURRICULUM; MANUALS; TEACHING GUIDES

ABSTRACT - THIS GUIDE, DEVELOPED BY EDUCATORS AND OTHER CONSULTING AGENTS IN THE AREA OF DRIVER

EDUCATION AND TRAFFIC SAFETY, IS THE RESULTS OF AN ACCUMULATION AND SYNTHESIS OF RESEARCH ON CURRICULUM AND INSTRUCTIONAL TECHNIQUES IN THE FIELD. THE GUIDE IS PRIMARILY DESIGNED FOR USE BY LICENSED DRIVERS AND IS DIRECTED TOWARD THE IMPROVEMENT OF DRIVER PERFORMANCE. INSTRUCTIONAL CONTENTS OF THE GUIDE ARE DIVIDED INTO THREE MAJOR UNITS: (1) MAN AND HIGHWAY TRANSPORTATION, (2) DRIVER PERFORMANCE, AND (3) FACTORS INFLUENCING DRIVER BEHAVIOR. THE UNITS ARE FURTHER DIVIDED INTO EPISODES CONTAINING LEARNING ACTIVITIES AND GENERAL AND BEHAVIORAL OBJECTIVES. IN ADDITION, INFORMATION ON EVALUATION IS PROVIDED AS ARE REFERENCES AND RESOURCES WHICH CAN BE USED IN FACILITATING INSTRUCTION. (SN)

VT 100 295  
COURSE OUTLINE FOR AUTOMOTIVE MECH

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 39P.

DESCRIPTORS - \*AUTO MECHANICS;  
\*COURSE CONTENT; \*CURRICULUM GUIDES; \*TEACHING GUIDES;  
\*VOCATIONAL EDUCATION; AREA VOCATIONAL PROGRAMS; POST SECONDARY EDUCATION; TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - THIS COURSE OUTLINE WAS DEVELOPED OUT OF A DESIRE FOR UNIFORMITY IN THE TEACHING OF AUTO MECHANICS IN VOCATIONAL PROGRAMS IN THE STATE OF NORTH DAKOTA. THE OUTLINE IS INTENDED AS A GUIDE AND CONTAINS IN IT A JOB DESCRIPTION OF AUTO MECHANICS, A LIST OF THE GENERAL COURSE OBJECTIVES, AND INTRODUCTORY OVERVIEW OF THE INSTRUCTIONAL BLOCKS TO BE COVERED IN THE COURSE, AND THE SPECIFIC TOPICAL AREAS TO BE PRESENTED. IN ORDER OF THEIR SEQUENCE, THE TOPICS ARE: (1) BENCH SHOP AND SHOP SAFETY, (2) CHASSIS, (3) ENGINES, (4) FUEL SYSTEMS, (5) ELECTRICAL SYSTEMS, (6) TUNE-UP AND TROUBLE SHOOTING, AND (7) HEATING AND AIR CONDITIONING. (SN)

VT 100 296  
CAREER AWARENESS GRADES 1-6. TEACH

LEFLORE COUNTY SCHOOL DISTRICT, GREENWOOD, MISS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 95P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*TEACHING GUIDES; \*VOCATIONAL DEVELOPMENT; CURRICULUM GUIDES; ELEMENTARY GRADES; GUIDES IDENTIFIERS - \*CAREER AWARENESS

ABSTRACT - THIS GUIDE WAS DEVELOPED TO AID TEACHERS IN GRADES 1-6 OF THE LEFLORE COUNTY SCHOOL DISTRICT IN INTEGRATING CAREER INFORMATION INTO THEIR EXISTING CURRICULUM. CONTENTS INCLUDE: (1) A RATIONALE FOR THE PROGRAM, (2) A STATEMENT OF THE OVERALL OBJECTIVE, (3) A LISTING OF THE RESPONSIBILITIES OF PERSONNEL INVOLVED IN THE CAREER EDUCATION PROGRAM, A CURRICULUM OUTLINE, SAMPLE CAREER ACTIVITIES, AND AN INSTRUCTIONAL MATERIALS SECTION. (AUTHOR/SN)

VT 100 297

ALLARD, RAYMOND A., AND OTHERS CURRICULUM INPUT RECEIVED, TOLMAN SENIOR HIGH SCHOOL. A HUMAN RESOURCES CAREER DEVELOPMENT MODEL FOR PAWTUCKET, RHODE ISLAND, IN CONJUNCTION WITH THE PAWTUCKET MODEL CITIES AGENCY.

PAWTUCKET CITY SCHOOL DEPT., R.I.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 173P.

DESCRIPTORS - \*OCCUPATIONAL INFORMATION; \*OCCUPATIONS; \*VOCATIONAL DEVELOPMENT; COURSE CONTENT; OCCUPATIONAL CLUSTERS; SECONDARY GRADES  
IDENTIFIERS - \*TOLMAN SENIOR HIGH

ABSTRACT - THIS DOCUMENT IS A COMPILATION OF VARIOUS CURRICULUM PLANS, COURSE CONTENTS, AND TEACHING GUIDES FOR THE CAREER DEVELOPMENT PROGRAM AT TOLMAN SENIOR HIGH SCHOOL IN PAWTUCKET, RHODE ISLAND. INFORMATION IS PROVIDED FOR A NUMBER OF OCCUPATIONS SUCH AS OFFICE WORK, AIRLINES AND RAILROADS, BUSINESS, LIBRARY WORK, AND THE BUILDING TRADES. PRESENTED SEPARATELY BY VARIOUS PERSONS, THE PURPOSES, OUTLINES, OR CLASS ACTIVITIES ARE GIVEN FOR EACH VOCATIONAL AREA. RELATED DOCUMENTS ARE AVAILABLE AS VT 100 298, VT 100 299, AND VT 100 360. (MU)

VT 100 298

PLACEMENT PROGRAM 1973-1974. A HUMAN RESOURCES CAREER DEVELOPMENT MODEL FOR PAWTUCKET, RHODE ISLAND, IN CONJUNCTION WITH THE PAWTUCKET MODEL CITIES AGENCY.

PAWTUCKET CITY SCHOOL DEPT., R.I.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 64P.

DESCRIPTORS - \*COOPERATIVE EDUCATION; \*JOB PLACEMENT; \*RECORDS (FORMS); \*STUDENT RECORDS; \*VOCATIONAL DEVELOPMENT; SECONDARY GRADES; WORK EXPERIENCE PROGRAMS; VOCATIONAL EDUCATION  
IDENTIFIERS - TOLMAN SENIOR HIGH S

ABSTRACT - THIS REPORT OF THE

CAREER PLACEMENT PROGRAM AT TOLMAN HIGH SCHOOL IN PAWTUCKET, RHODE ISLAND DESCRIBES THE PHILOSOPHY, OBJECTIVES, AND PROCEDURES OF THE PROGRAM AND PROVIDES SAMPLE FORMS USED IN ENROLLMENT, GUIDANCE, JOBS, AND EMPLOYER REPORTING. SUPERVISORY REPORTS, WORK HISTORIES, STUDENT SCHEDULES, COORDINATOR VISITATION REPORTS AND EMPLOYER REQUESTS FORMS ARE INCLUDED. AN EXAMPLE OF A WEEKLY REPORT SUMMARY OF THE NUMBER OF POSITIONS OBTAINED AND FILLED, THE CONTACTS AND FOLLOWUPS MADE, THE FIELD TRIPS ARRANGED, AND GUEST SPEAKERS USED IS INCLUDED. RELATED DOCUMENTS ARE AVAILABLE AS VT 100 297, VT 100 299, AND VT 100 360. (MU)

VT 100 299

MELUCCI, EDWARD M.J. CAREER DEVELOPMENT: ELEMENTARY CURRICULUM. BOOKS I AND II. A HUMAN RESOURCES CAREER DEVELOPMENT MODEL FOR PAWTUCKET, RHODE ISLAND, IN CONJUNCTION WITH THE PAWTUCKET MODEL CITIES AGENCY.

PAWTUCKET CITY SCHOOL DEPT., R.I.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 278P.

DESCRIPTORS - \*ELEMENTARY SCHOOL CURRICULUM; \*PROGRAM DESCRIPTIONS; \*PROGRAM DEVELOPMENT; \*RESOURCE MATERIALS; \*VOCATIONAL DEVELOPMENT; CAREER EDUCATION; ELEMENTARY GRADES  
IDENTIFIERS - \*PAWTUCKET SCHOOLS

ABSTRACT - THIS CAREER DEVELOPMENT CURRICULUM PROVIDES GUIDELINES FOR FIELD TRIPS, RESEARCH SOURCES, AND CLASS SCHEDULING FOR THE CAREER DEVELOPMENT PROGRAM AS CARRIED OUT IN THE PAWTUCKET, RHODE ISLAND ELEMENTARY SCHOOLS. CONCEPTS TO BE TAUGHT, VISUAL AIDS, CLASSROOM ACTIVITIES, AND RESOURCES FOR THE TEACHER ARE PRESENTED SEPARATELY FOR THE PRIMARY AND INTERMEDIATE LEVELS. RELATED DOCUMENTS ARE AVAILABLE AS VT 100 297 - VT 100 360. (MU)

VT 100 300

TRADE WELDING SYLLABUS.

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF SECONDARY CURRICULUM DEVELOPMENT. MF AVAILABLE IN VT-ERIC SET. PUBLICATIONS DISTRIBUTION UNIT, THE STATE EDUCATION DEPARTMENT EDUCATION BUILDING ANNEX, ALBANY, N.Y. 12224  
PUB DATE - 72 56P.

DESCRIPTORS - \*METAL WORKING OCCUPATIONS; \*STATE CURRICULUM GUIDES; \*TRADE AND INDUSTRIAL EDUCATION; \*WELDERS; \*WELDING; CONSTRUCTION (PROCESS)

## IDENTIFIERS - \*NEW YORK STATE

ABSTRACT - THIS CURRICULUM GUIDE FOR NEW YORK STATE PROVIDES WELDING INSTRUCTORS WITH COURSE CONTENT FROM WHICH THEY MAY ADAPT MATERIALS TO THEIR OWN CLASSES. IT IS ORGANIZED ON THE BASIS OF A DAILY 2 1/2-HOUR CLASS CONTINUING OVER TWO ACADEMIC YEARS OF 165 TEACHING DAYS EACH AND IS DESIGNED TO PREPARE THE STUDENT FOR ENTRY INTO THE TRADE. THE CONTENT IS DEVOTED MAINLY TO THE BASIC, REQUIRED, ARC AND ACETYLENE WELDING AND THE INCREASINGLY IMPORTANT SHIELDED-ARC PROCESSES, AND INCLUDES AS AN OPTIONAL UNIT THE LOCALLY IMPORTANT PLASMA WELDING. A 3-COLUMN FORMAT CONSISTS OF UNITS OF INSTRUCTION, OBJECTIVES, AND TEACHING SUGGESTIONS. THE APPENDIX CONTAINS A BIBLIOGRAPHY, TEACHING AIDS SOURCE LISTS, SUGGESTED SAFETY EQUIPMENT, AND WELDER CERTIFICATION PROCEDURE. (AUTHOR/MU)

VT 100 301  
SPECIAL SUMMER FOOD SERVICE PROGRAM. TRAINING MANUAL.

DEPARTMENT OF AGRICULTURE, WASHINGTON  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAR73 30P.

DESCRIPTORS - \*DAY CARE PROGRAMS;  
\*FOOD SERVICE; \*LUNCH PROGRAMS;  
\*SUMMER PROGRAMS; CHILD CARE WORKERS; PROGRAM GUIDES;  
SUPERVISORY TRAINING

ABSTRACT - THIS HANDBOOK IS DESIGNED FOR SUPERVISORS OF SUMMER PROGRAMS THAT SUPPLY DELIVERED MEALS TO CHILDREN. IN ORDER THAT THE PROGRAMS ARE RUN AS THE LAW INTENDS, SITE SUPERVISORS MUST UNDERSTAND THEIR RESPONSIBILITIES AND THE REGULATIONS OF THE SPECIAL SUMMER FOOD SERVICE PROGRAM. RESPONSIBILITIES ARE PRESENTED IN THREE PARTS: (1) PLANNING, (2) THE FIRST DAY, AND (3) EVERY DAY. A 2-COLUMN FORMAT OF THE LESSON PROVIDES THE GENERAL CONTENT AND TEACHING TIPS. DIRECTIONS GIVEN TO THE INSTRUCTOR STRESS THE NEED TO IMPRESS SUPERVISORS WITH THE USEFULNESS OF THIS TRAINING AND WITH THEIR RESPONSIBILITIES CONCERNING ACCOUNTING FOR THE FOOD DELIVERED, OBSERVING THE MANNER OF SERVING, CONDUCT OF THE MEAL, AND CLEAN-UP. THESE ARE THE FACTORS THAT ASSURE THE INTENT OF THE PROGRAM, THAT IS, TO FEED NEEDY CHILDREN IN THE SUMMER MONTHS WHEN SCHOOL CAFETERIAS ARE CLOSED. (MU)

VT 100 302  
HARRIS, LOU  
INDUSTRIAL ARTS ELECTRICITY-ELECTRONICS WORKSHOP MANUAL.

ILLINOIS STATE OFFICE OF THE SUPERINTENDENT OF PUBLIC INSTRUCTION, SPRINGFIELD  
MF AVAILABLE IN VT-ERIC SET.  
PUR DATE - 72 27P.

DESCRIPTORS - \*ELECTRICITY;  
\*ELECTRONICS; \*INDUSTRIAL ARTS;  
\*LABORATORY MANUALS; \*TEACHER WORKSHOPS; INSTRUCTIONAL MATERIALS; TEXTBOOKS

ABSTRACT - THIS PUBLICATION WAS DEVELOPED TO SERVE AS A TEXT AND LABORATORY MANUAL FOR THE BASIC ELECTRICITY/ELECTRONICS WORKSHOP SERIES WHICH WAS INSTITUTED TO FACILITATE THE IMPROVEMENT OF INDUSTRIAL ARTS TEACHERS AT THE EIGHTH AND NINTH GRADE LEVELS IN SPRINGFIELD, ILLINOIS. INCLUDED IN ITS CONTENTS ARE AN INTRODUCTION TO THE PHENOMENON OF ELECTRICITY, AND LESSONS AND SUGGESTED METHODS OF PRESENTATION COVERING THREE BROAD TOPICAL AREAS. THE CONTENT AREAS PRESENTED ARE: (1) ELECTRICITY, (2) UNITS AND SYMBOLS, AND (3) ELECTRICAL LAWS. (SN)

VT 100 303  
SOLOMITA, ARMAND R.  
WAY OF LIVING. WORLD OF WORK CAREER PREPARATION CURRICULUM GUIDE: GRADE TEN THROUGH GRADE TWELVE.

SOUTHINGTON PUBLIC SCHOOLS, CONN.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - ND 47P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*INTEGRATED CURRICULUM; \*LEARNING ACTIVITIES; \*SECONDARY GRADES;  
CAREERS; OCCUPATIONAL INFORMATION

ABSTRACT - THIS CURRICULUM GUIDE LISTS ACTIVITIES TO BE USED FOR GRADES 10-12 IN 11 TRADITIONAL SCHOOL SUBJECTS, WHICH WILL INTRODUCE CAREER EDUCATION CONCEPTS AND OBJECTIVES INTO THE REGULAR CURRICULUM. AN INTRODUCTION DEFINES CAREER EDUCATION, PROVIDES AN OVERVIEW OF THE PROGRAM, AND SUGGESTS CONCEPTS TO BE STRESSED AND BEHAVIORAL OBJECTIVES TO BE SOUGHT. A BIBLIOGRAPHY AND A LIST OF PUBLISHERS OF BOOKS, PAMPHLETS, AND FILMS ARE INCLUDED. (MU)

VT 100 304  
OCCUPATIONAL RELATIONS COURSE OUTLINE. SECOND YEAR. WORCESTER PUBLIC SCHOOLS WORK-STUDY PROGRAM.

WORCESTER PUBLIC SCHOOLS, MASS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 63 56P.

DESCRIPTORS - \*COOPERATIVE EDUCATION; \*COURSE CONTENT;

\*CURRICULUM GUIDES; \*HUMAN RELATIONS; \*WORK EXPERIENCE PROGRAMS; COURSE DESCRIPTIONS; EMPLOYMENT QUALIFICATIONS; MANUALS; VOCATIONAL DEVELOPMENT; VOCATIONAL EDUCATION

ABSTRACT - THIS COURSE OUTLINE WAS DEVELOPED TO SERVE THE NEEDS OF THOSE PUPILS 16 YEARS OF AGE OR OLDER, WHO ARE ENROLLED IN THE SECOND YEAR OF THE WORK EXPERIENCE EDUCATION PROGRAM IN THE WORCESTER PUBLIC SCHOOLS. THE PURPOSES OF THE PROGRAM ARE THREE-FOLD: (1) TO FOSTER AN AWARENESS OF THE IMPORTANCE OF PERSONAL RELATIONS AND THE WORLD OF WORK, (2) TO HELP STUDENTS DEVELOP A GREATER APPRECIATION OF THE EDUCATIONAL POSSIBILITIES INVOLVED IN THEIR JOBS, AND (3) TO AID STUDENTS IN MAKING BETTER SCHOOL AND WORK ADJUSTMENTS BY INTEGRATING THE EDUCATIONAL AND OCCUPATIONAL ASPECTS OF THE PROGRAM. AN EXPLANATION OF HOW THE PROGRAM OPERATES AND A GENERAL OVERVIEW OF THE BASIC CONTEXTUAL AREAS COVERED ARE PROVIDED IN THE OUTLINE AS WELL AS ASSIGNMENT DATA SHEETS FOR EACH OF THE EIGHT TOPICAL AREAS EMPHASIZED IN THE COURSE. THOSE ASSIGNMENTS BY TOPIC AND NUMBER ARE: (1) THE STUDY OF YOUR JOB, (2) HUMAN RELATIONS, (3) THE PROBLEM OF COMBINING SCHOOL AND WORK, (4) PAYROLL DEDUCTIONS AND BENEFITS, (5) BEING A CONSUMER, (6) UNIONS, (7) AMERICAN ECONOMY, AND (8) VOCATIONAL CHOICE AND SECURING ADDITIONAL TRAINING. (SN)

VT 100 305  
SELLERS, ROBERT C., ED.  
BASIC TRAINING GUIDE TO THE NEW METRICS AND SI UNITS.

NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
NATIONAL TOOL, DIE AND PRECISION MACHINING ASSOCIATION, 9300 LIVINGSTON ROAD, WASHINGTON, D.C. 20022  
PUR DATE - MAR 72 63P.

DESCRIPTORS - \*METRIC SYSTEM; MEASUREMENT; STANDARDS; STUDY GUIDES  
IDENTIFIERS - \*CONVERSION TABLES

ABSTRACT - THIS BOOKLET PRESENTS MEASUREMENT DEFINITIONS AND INFORMATION ABOUT THE VARIOUS UNITS OF MEASUREMENT IN THE INTERNATIONAL SYSTEM OF UNITS KNOWN AS THE METRIC SYSTEM. INCLUDED ARE BASIC AND DERIVED UNITS, CONVERSION FACTORS FOR CUSTOMARY AND METRIC UNITS, CONVERSION TABLES, AND MULTIPLE FACTOR AND OTHER CONVERSION CHARTS. (MF)

VT 100 306  
SWAN, ROBERT J., ED.; ELLIS, BETTY  
NATIONAL VOCATIONAL GUIDANCE ASSOCIATION CURRENT CAREER INFORMATION BIBLIOGRAPHY.

NATIONAL VOCATIONAL GUIDANCE ASSOCIATION, WASHINGTON, D.C.  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
AMERICAN PERSONNEL AND GUIDANCE ASSOCIATION, 1607 NEW HAMPSHIRE AVENUE, NW., WASHINGTON, D.C. 20009 (\$2.00)  
PUR DATE - 69 129P. 1969 EDITION

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*BIBLIOGRAPHIES; \*FILMS; \*OCCUPATIONAL GUIDANCE; \*RESOURCE MATERIALS; BOOKS; OCCUPATIONAL INFORMATION; VOCATIONAL COUNSELING

ABSTRACT - INTRODUCED BY A SET OF STANDARDS FOR USE IN PREPARING AND EVALUATING CAREER LITERATURE, THIS FIFTH EDITION OF THE ASSOCIATION'S BIBLIOGRAPHY (FORMERLY TITLED "CURRENT OCCUPATIONAL LITERATURE") IS INTENDED FOR COUNSELORS, LIBRARIANS, TEACHERS, AND OTHERS WHO WORK WITH YOUTH AND ADULTS. MORE THAN 2,300 ENTRIES ARE INCLUDED IN THE CURRENT CAREER LITERATURE SECTION, WHICH IS TWICE THE NUMBER OF ENTRIES CONTAINED IN THE FOURTH EDITION. FURTHER, THE NEW CURRENT CAREER FILMS SECTION PROVIDES DESCRIPTIONS IN DETAIL OF 21 CAREER FILMS. OTHER SECTIONS INCLUDE: (1) SPECIAL INFORMATION RELATING TO CAREER PLANNING, (2) PUBLISHER'S INDEX AND (3) GUIDELINES TO PREPARATION AND EVALUATION OF OCCUPATIONAL FILMS. (AUTHOR/MU)

VT 100 307  
EISEN, IRVING  
CAREERS IN TEACHING AND EDUCATION. B'NAI B'IRTH OCCUPATIONAL BRIEF SERIES.

B'NAI B'IRTH, WASHINGTON, D.C.  
CAREER AND COUNSELING SERVICES.  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
BBCCS-PAMPHLET-1010  
PUR DATE - 72 40P. REVISED EDITION

DESCRIPTORS - \*CAREER OPPORTUNITIES; \*CAREERS; \*EDUCATION; \*TEACHER EDUCATION; \*TEACHING; OCCUPATIONAL INFORMATION; OCCUPATIONS; VOCATIONAL DEVELOPMENT

ABSTRACT - DEVELOPED PRIMARILY FOR HIGH SCHOOL STUDENTS AND COLLEGE FRESHMEN AND SOPHOMORES, THIS BOOKLET PROVIDES AN OVERVIEW OF TEACHING AS A PROFESSION. DESCRIBED ARE: (1) THE VARIED DUTIES OF THE CLASSROOM TEACHER AS WELL AS OTHER PROFESSIONALS WITH WHOM TEACHERS WORK, (2) OTHER

POSITIONS IN THE EDUCATIONAL FIELD, (3) OPPORTUNITIES FOR MINORITY YOUTH IN TEACHER EDUCATION PROGRAMS, AND (4) OPPORTUNITIES OPEN IN EDUCATION TO THOSE PERSONS WHO DO NOT PLAN TO COMPLETE A FOUR-YEAR COLLEGE PROGRAM. (SN)

VT 100 308  
BURTON, CHESTER J., AND OTHERS  
AUTOMATIC BUSINESS DATA PROCESSING  
1 AND 2 SYLLABUS.

NEW YORK STATE EDUCATION DEPT.,  
ALBANY, BUREAU OF SECONDARY  
CURRICULUM DEVELOPMENT.  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
THE UNIVERSITY OF THE STATE OF NEW  
YORK, THE STATE EDUCATION  
DEPARTMENT, BUREAU OF SECONDARY  
CURRICULUM DEVELOPMENT, ALBANY,  
N.Y.  
PUB DATE - 72 137P.

DESCRIPTORS - \*BUSINESS EDUCATION;  
\*COMPUTER SCIENCE EDUCATION; \*DATA  
PROCESSING OCCUPATIONS;  
\*ELECTRONIC DATA PROCESSING;  
\*STATE CURRICULUM GUIDES; PROGRAM  
GUIDES

ABSTRACT - THIS NEW YORK STATE  
CURRICULUM GUIDE OUTLINES A 2-YEAR  
COURSE OF INSTRUCTION FOR  
SECONDARY STUDENTS IN AUTOMATIC  
BUSINESS DATA PROCESSING PREPARING  
FOR ENTRY-LEVEL JOBS AT THE END OF  
THE FIRST YEAR AS RECORD EQUIPMENT  
OPERATORS, AND AT THE END OF THE  
SECOND YEAR AS PERIPHERAL  
EQUIPMENT OPERATORS OR  
PROGRAMMERS. INSTRUCTIONS TO  
TEACHERS AND ADMINISTRATORS STRESS  
THE NEED FOR THE TEACHERS TO  
ADJUST THE COURSE CONTENT AND  
OBJECTIVES TO THE LOCAL EMPLOYMENT  
SITUATION, THE NEED FOR THE  
STUDENT TO HAVE A TECHNICAL  
KNOWLEDGE AND UNDERSTANDING OF THE  
MACHINES INVOLVED, AND AN  
UNDERSTANDING OF BUSINESS  
OPERATIONS IN GENERAL. CURRICULUM  
PLANNING INCLUDES DEFINING  
BEHAVIORAL OBJECTIVES, GIVING  
CONSIDERATION TO THE USEFULNESS OF  
WORK EXPERIENCE, DELINEATING THE  
COURSE CONTENT, IMPLEMENTING THE  
INSTRUCTIONAL PROGRAM, AND  
EVALUATING THE PROGRAM. THE  
SUGGESTED COURSE CONTENT CONTAINS  
EIGHT UNITS FOR THE FIRST YEAR AND  
SIX FOR THE SECOND. EACH UNIT  
STATES ITS PURPOSE AND CONTAINS  
TEACHING SUGGESTIONS, CONTENT  
COVERED, AND VOCABULARY TERMS. A  
NUMBER OF WORKING DRAWINGS ARE  
INCLUDED IN THE TEXTUAL MATERIAL.  
(MU)

VT 100 309  
WINGARD, ROBERT G., AND OTHERS  
WILDLIFE RESOURCES AND THE NATURAL  
ENVIRONMENT, COURSE 200.  
CORRESPONDENCE COURSES IN

AGRICULTURE AND HOME ECONOMICS.

PENNSYLVANIA STATE UNIV.,  
UNIVERSITY PARK, COLL. OF  
AGRICULTURE.  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
AGRICULTURAL CORRESPONDENCE COURSE  
OFFICE, COLLEGE OF AGRICULTURE,  
THE PENNSYLVANIA STATE UNIVERSITY,  
UNIVERSITY PARK, PA 16802 (\$5.05)  
PUB DATE - 72 141P.

DESCRIPTORS - \*ANIMAL SCIENCES;  
\*CONSERVATION EDUCATION;  
\*CORRESPONDENCE COURSES; \*NATURAL  
RESOURCES; \*WILDLIFE MANAGEMENT;  
AGRICULTURAL EDUCATION; FORESTRY  
IDENTIFIERS - \*PENNSYLVANIA

ABSTRACT - THIS CORRESPONDENCE  
COURSE OF STUDY, CONTAINING 12  
LESSONS, IS INTENDED FOR ALL  
PERSONS CONCERNED WITH WILDLIFE AS  
A RESOURCE. AN INTRODUCTION  
PROVIDES A HISTORY OF WILDLIFE  
RESOURCES IN PENNSYLVANIA. A  
QUESTION PAGE TO BE FILLED OUT AND  
MAILED INTO THE PENNSYLVANIA STATE  
UNIVERSITY FOR GRADING IS INCLUDED  
IN EACH LESSON. THE 12 LESSONS  
COVER SUCH MATERIAL AS: (1)  
CHARACTERISTICS OF WILDLIFE, (2)  
THE WILDLIFE COMMUNITY, (3)  
WILDLIFE AND MAN, (4) FARM GAME  
MANAGEMENT, (5) FOREST GAME  
MANAGEMENT, (6) LAKES, PONDS, AND  
FISH, (7) THE CITY MAN'S VIEW OF  
WILDLIFE, AND (8) WILDLIFE  
RESOURCES FOR THE FUTURE. A  
GLOSSARY OF WILDLIFE MANAGEMENT  
TERMS IS INCLUDED. (MU)

VT 100 310  
INDIVIDUALIZED CURRICULUM FOR ELEC

OREGON STATE UNIV., CORVALLIS.;  
OREGON STATE BOARD OF EDUCATION,  
SALEM.  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
CONTINUING EDUCATION PRESS, WALDO  
100, OREGON STATE UNIVERSITY,  
CORVALLIS, OR. 97331  
PUB DATE - 71 4800P.

DESCRIPTORS - \*ELECTRICITY;  
\*ELECTRONICS; \*INDIVIDUALIZED  
CURRICULUM; \*STUDY GUIDES;  
\*VOCATIONAL EDUCATION; CLASSROOM  
MATERIALS; SUPPLEMENTARY READING  
MATERIALS

ABSTRACT - THIS INDIVIDUALIZED  
CURRICULUM FOR ELECTRONICS (ICE)  
CONSISTS OF OVER 200 LEARNING  
PACKAGES WHICH PROVIDE SINGLE  
CONCEPT STUDY GUIDES FOR STUDENTS  
USE. THE PACKAGES BEGIN WITH THOSE  
DEALING WITH CAREER CHOICE AND  
PROCEED THROUGH INDIVIDUAL JOB  
EQUIPMENT INFORMATION,  
ELECTRICAL PROCESSES AND LAWS, AND  
MORE COMPLEX CONCEPTS IN THE  
FIELD. EACH PACKAGE, A SEPARATE  
LESSON IN ITSELF, EXPLAINS ITS  
PURPOSE, AND INCLUDES OBJECTIVES,

STUDY DIRECTIONS, LEARNING OPPORTUNITIES, AN EXPERIMENT, A SELF-TEST WITH ANSWERS, AND TWO POSTTESTS. TWO TEACHER'S ANSWER BOOKS FOR THE POSTTESTS ARE PROVIDED. (MU)

VT 100 311

WOODRUFF, ALAN P.

CAREER EDUCATION FACILITIES. A PLANNING GUIDE FOR SPACE AND STATION REQUIREMENTS.

EDUCATIONAL FACILITIES LABS., INC., NEW YORK, N.Y.

DOCUMENT NOT AVAILABLE IN VT-ERIC SET. EFL, 477 MADISON AVENUE, NEW YORK, N.Y. 10022 (\$2.00)

PUB DATE - APR73 48P.

DESCRIPTORS - \*FACILITY GUIDELINES; \*FLEXIBLE FACILITIES; \*OCCUPATIONAL CLUSTERS; \*SCHOOL PLANNING; \*SPACE UTILIZATION; CAREER EDUCATION; CLASSROOM ARRANGEMENT; MULTIPURPOSE CLASSROOMS; PROGRAM DESIGN

ABSTRACT - THE PURPOSE OF THIS PUBLICATION IS TO PROVIDE THE EDUCATIONAL PLANNER AND ARCHITECT WITH SOME SUGGESTIONS FOR MODELS OF NEW FLEXIBLE-USE, SHARED-SPACE FACILITIES FOR OCCUPATIONAL EDUCATION AND TO SUPPORT THESE MODELS WITH GUIDELINES FOR THE DEVELOPMENT OF FACILITIES AND EDUCATIONAL PROGRAMS FOR OCCUPATIONAL EDUCATION. EXAMPLES ARE GIVEN FOR STATION-SHARING AND SPACE-SHARING PROGRAMS IN SEVERAL OCCUPATIONAL CLUSTERS, WITH FIGURES DELINEATING THE AREA USE. A COMMON TREND IN OCCUPATIONAL EDUCATION IS THE SHIFT AWAY FROM SINGLE-CAREER PROGRAMS TOWARD CAREER FAMILIES OR CLUSTERS. AS A SPECIALIZED LABORATORY FOR EACH CAREER PROGRAM WOULD BE TOO COSTLY, SCHOOLS MUST BE DESIGNED TO INTEGRATE PROGRAMS INTO MULTISKILL CLUSTERS IN OPEN-LABORATORY FACILITIES. THE PUBLICATION INCLUDES GENERAL SECTIONS ON DEVELOPING FACILITY FLEXIBILITY THROUGH SPACE-SHARING AND LABORATORY SPACE-PLANNING STANDARDS, AS WELL AS SPECIFIC ARRANGEMENTS FOR VARIOUS OCCUPATIONAL EDUCATION CLUSTERS. (MF)

VT 100 312

TURPIN, J. LEE, AND OTHERS

INDIVIDUALIZED CURRICULUM FOR DRAFTING.

CLACKAMAS COMMUNITY COLL., OREGON CITY, ORE.; OREGON STATE DEPT. OF EDUCATION, SALEM.

DOCUMENT NOT AVAILABLE IN VT-ERIC SET. CONTINUING EDUCATION PUBLICATIONS, WALDO 100, CORVALLIS, OREGON 97331  
PUB DATE - 72 850P.

DESCRIPTORS - \*DRAFTING; \*ILLUSTRATIONS; \*INDIVIDUALIZED CURRICULUM; \*INDUSTRIAL ARTS; BLUEPRINTS; ENGINEERING DRAWING; VISUAL ARTS  
IDENTIFIERS - \*INDIVIDUALIZED CURRICULUM FOR DRAFTING; ICD

ABSTRACT - APPROXIMATELY 200 SINGLE CONCEPT LEARNING PACKAGES MAKE UP THIS INDIVIDUALIZED CURRICULUM FOR DRAFTING. AN ACCOMPANYING STUDY GUIDE OF DRAWINGS CONTAINS OBJECTIVES, INSTRUCTIONS, ASSIGNMENTS, AND EVALUATION SHEETS FOR STUDENT USE. A SET OF POSTTESTS AND AN INDIVIDUALIZED CURRICULUM FOR DRAFTING PRESCRIPTION SHEET ARE INCLUDED. (MU)

VT 100 313

GENERAL AUTOMOBILE MECHANIC. BULLETIN OF INFORMATION.

NATIONAL INST. FOR AUTOMOTIVE SERVICE EXCELLENCE, WASHINGTON, D.C. EDUCATIONAL TESTING SERVICE, PRINCETON, N.J.

DOCUMENT NOT AVAILABLE IN VT-ERIC SET. EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. 10840 (FREE)  
PUB DATE - 72 38P.

DESCRIPTORS - \*AUTO MECHANICS; \*AUTO MECHANICS (OCCUPATION); \*NATIONAL COMPETENCY TESTS; \*PERFORMANCE TESTS; \*TESTING PROGRAMS; OCCUPATIONAL TESTS; VOCATIONAL DEVELOPMENT

ABSTRACT - THIS BOOKLET DESCRIBES THE FOUR CERTIFICATION TESTS FOR GENERAL AUTOMOBILE MECHANIC, TELLS HOW, WHEN, AND WHERE THE TESTS ARE GIVEN; AND EXPLAINS WHAT MUST BE DONE TO BECOME A CERTIFIED AUTOMOBILE MECHANIC. PROCEDURES FOR REGISTERING FOR THE TESTS AND SCHEDULES OF THE TESTING ARE SUPPLIED. SAMPLE TESTS ARE GIVEN WITH INSTRUCTIONS FOR TAKING THEM AND WITH AN ANSWER KEY TO THE SAMPLES. THE EDUCATIONAL TESTING SERVICE (ETS) IS A NONPROFIT CORPORATION ENGAGED IN TEST DEVELOPMENT AND ADMINISTRATION AND IN EDUCATIONAL AND VOCATIONAL RESEARCH. (MU)

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OF LADDER SAFETY.

### ACCOUNTING

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RESEARCH  
MATERIALS  
SECTION  
(ARM)

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RESEARCH MATERIALS ABSTRACTS

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VT 100 314  
MILKOSZ, JOAN RAYMOND  
MINNESOTA SECONDARY CONSUMER  
HOMEMAKING PROGRAMS--EVALUATION.

MINNESOTA STATE DEPT. OF EDUCATION  
MF AVAILABLE IN VT-ERIC SET.  
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DESCRIPTORS - \*CONSUMER EDUCATION;  
\*HOME ECONOMICS TEACHERS;  
\*HOMEMAKING EDUCATION; \*PROGRAM  
EVALUATION; \*SECONDARY SCHOOL  
TEACHERS; EDUCATIONAL PROGRAMS;  
EVALUATION CRITERIA;  
QUESTIONNAIRES; SURVEYS; TEACHER  
EVALUATION  
IDENTIFIERS - MINNESOTA

ABSTRACT - THE PURPOSE OF THIS  
EVALUATION WAS TO DETERMINE  
WHETHER SECONDARY CONSUMER  
HOMEMAKING PROGRAMS IN MINNESOTA  
AGREE WITH THE REQUIREMENTS STATED  
IN THE 1968 AMENDMENTS TO THE  
VOCATIONAL EDUCATION ACT OF 1963,  
PART F(B)(1-A-D-E). THE EVALUATION  
PROCEDURE INVOLVED COLLECTION OF  
DATA FROM ALL OF THE SECONDARY  
CONSUMER HOMEMAKING TEACHERS IN  
MINNESOTA BY MAILED QUESTIONNAIRES  
AND FROM A SELECTED SAMPLE OF  
THESE TEACHERS BY VISITS OF A TEAM  
SELECTED BY THE STATE DEPARTMENT  
OF EDUCATION. CRITERIA FOR THE  
PROGRAMS AND FOR THEIR EVALUATION  
AND FINDINGS FROM THE  
QUESTIONNAIRES AND FROM THE  
SURVEYS ARE DETAILED IN THE  
REPORT, ALONG WITH EVALUATIONS AND  
SUBJECTIVE COMMENTS. THE OVERALL  
PERSPECTIVE INDICATED THAT THE  
MINNESOTA CONSUMER HOMEMAKING  
PROGRAMS ARE REASONABLY REFLECTIVE  
OF THE CRITERIA ESTABLISHED FOR  
THE STUDY. RECOMMENDATIONS FOR  
IMPROVEMENTS ARE INCLUDED. (MF)

VT 100 315  
BROWN, RICHARD A.  
DEVELOPMENT OF EMPLOYMENT  
INFORMATION BY PLACE OF WORK--A  
DESCRIPTION OF A DATA COLLECTION  
METHODOLOGY USED IN FOUR UTAH  
COUNTIES (DAVIS, SALT LAKE, UTAH,  
AND WEBER).

UTAH STATE DEPT. OF EMPLOYMENT  
SECURITY, SALT LAKE CITY.; FEDERAL  
HIGHWAY ADMINISTRATION (DEPT. OF  
TRANSPORTATION), WASHINGTON,  
D.C. UTAH STATE DEPT. OF HIGHWAYS,  
SALT LAKE CITY.  
MF AVAILABLE IN VT-ERIC SET.  
SPEC-MANP-RR-16  
PUB DATE - JAN72 32P.

DESCRIPTORS - \*DATA BASES; \*DATA  
COLLECTION; \*EMPLOYMENT  
STATISTICS; \*GEOGRAPHIC  
DISTRIBUTION; METHODOLOGY  
IDENTIFIERS - UTAH

ABSTRACT - TO DEVELOP AN  
EMPLOYMENT DATA BASE FOR ANALYSIS

OF TRAFFIC ZONE WORK-SITE  
LOCATIONS, THE UTAH DEPARTMENT OF  
EMPLOYMENT SECURITY EXPANDED ITS  
EMPLOYMENT DATA PROGRAM TO PROVIDE  
DATA BY PLACE OF WORK TO THE  
DEPARTMENT OF HIGHWAYS FOR EACH  
TRANSPORTATION ZONE IN SALT LAKE,  
WEBER, UTAH, AND DAVIS COUNTIES  
FOR TWO REFERENCE MONTHS, DECEMBER  
1968 AND DECEMBER 1969. THIS PAPER  
OUTLINES THE METHODS USED TO BUILD  
THE FOUR-COUNTY EMPLOYMENT  
IN TORY. (MF)

VT 100 316  
TRAYLOR, E.B.  
A CLAIM FOR RELEVANCY: A  
CONTINUING STUDY OF THE  
CHARACTERISTICS AND MOTIVES OF  
STUDENTS IN AN AVIATION CLASS AND  
THE INFLUENCE OF THE CLASS ON  
THESE STUDENTS.

ALTON PUBLIC SCHOOLS, KANS.; CESSNA  
AIRCRAFT CO., WICHITA, KAN.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 31P.

DESCRIPTORS - \*AVIATION  
TECHNOLOGY; \*CLASS ATTITUDES;  
\*STUDENT CHARACTERISTICS; \*STUDENT  
OPINION; \*STUDENT REACTION; CASE  
STUDIES (EDUCATION); HIGH SCHOOL  
STUDENTS

ABSTRACT - ONE OF A SERIES OF  
STUDIES SUPPORTED BY CESSNA  
AVIATION CORPORATION, THIS PAPER  
REPORTS THE NATURE OF STUDENTS  
ENROLLED IN AN AVIATION COURSE AND  
THE EFFECTS OF THIS COURSE ON THE  
STUDENTS IN HILL CITY HIGH SCHOOL,  
ILLINOIS. DATA WERE COLLECTED BY A  
STUDENT PROFILE FORM, AN AIR AGE  
ATTITUDE AND UNDERSTANDING  
INVENTORY, AND TWO SUPPLEMENTARY  
INFORMATION FORMS. DETAILED  
RESULTS FROM THE SURVEYS WERE  
TABULATED AND DISCUSSED IN THE  
REPORT. A EFFORT IS MADE TO  
SYNTHESIZE THE FINDINGS OF THIS  
STUDY WITH DATA COLLECTED IN  
PREVIOUS STUDIES OF OTHER AVIATION  
CLASSES. (MF)

VT 100 317  
ENGLISH, JOSEPH L.  
AN OCCUPATIONAL VOCATIONAL  
EDUCATION MODEL FOR THE STATE OF  
DELAWARE. QUARTERLY REPORT (APRIL  
1, 1972-JUNE 30, 1972).

DELAWARE STATE BOARD FOR  
VOCATIONAL EDUCATION, MILFORD.  
BUREAU OF ADULT, VOCATIONAL, AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
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\*DEVELOPMENTAL PROGRAMS; \*STATE  
PROGRAMS; MODELS; PROGRAM  
PLANNING; VOCATIONAL EDUCATION

## IDENTIFIERS - \*DELAWARE

ABSTRACT - THE THIRD QUARTERLY REPORT FOR THE SECOND YEAR OF DELAWARE'S EXEMPLARY PROJECT IN VOCATIONAL EDUCATION COVERS THE PERIOD FROM APRIL 1 THROUGH JUNE 30, 1972. MAJOR ACTIVITIES ARE OUTLINED FOR THE TRI-LEVEL STRUCTURE: ELEMENTARY (GRADES K-4), MIDDLE SCHOOL (GRADES 5-8), AND HIGH SCHOOL (GRADES 9-12). ONE OF THE MOST SIGNIFICANT RESULTS OF THE PROGRAM HAS BEEN AN INCREASE IN THE NUMBER OF MILFORD HIGH SCHOOL STUDENTS WHO HAVE CHOSEN TO ATTEND AREA VOCATIONAL SCHOOLS, FROM 11 PERCENT IN THE 1970-71 SCHOOL YEAR TO 22.5 PERCENT PROJECTED FOR THE 1972-73 SCHOOL YEAR. APPENDED ARE THE MINUTES OF THE PROJECT'S ADVISORY COMMITTEE MEETING ON MAY 26, 1972 AND OTHER DOCUMENTS PERTAINING TO THE PROGRAM. THE PROJECT REPORT FOR THE PERIOD OCTOBER 1, 1971 THROUGH SEPTEMBER 30, 1972 IS AVAILABLE AS VT 020 156. (MF)

VT 100 318

RUBINSKY, STANLEY; SMITH, NELSON F. SIMULATION AS A TECHNIQUE IN POWER TOOL SAFETY RESEARCH AND EDUCATION.

RHODE ISLAND UNIV., KINGSTON; INJURY CONTROL RESEARCH LAB., PROVIDENCE, R.I.; HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION (DHEW), BETHESDA, MD. DIV. OF COMMUNITY INJURY CONTROL.

MF AVAILABLE IN VT-ERIC SET.

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SUPERINTENDENT OF DOCUMENTS, J.S.  
GOVERNMENT PRINTING OFFICE,  
WASHINGTON, D.C. 20402 (S/N 1732-0007; \$.20)  
PUB DATE - JUL71 19P.

DESCRIPTORS - \*ACCIDENT PREVENTION; \*MACHINE TOOLS; \*POWER MECHANICS; \*SAFETY EDUCATION; \*SIMULATORS; HAND TOOLS; RESEARCH; TRAINING TECHNIQUES

ABSTRACT - THIS REPORT SUMMARIZES THE RESULTS OF A NUMBER OF STUDIES THAT DEMONSTRATE THE FEASIBILITY OF PRODUCING SUCCESSFUL MACHINE PROCESS AND ACCIDENT SIMULATORS. THE UTILITY OF A PROCESS SIMULATOR IN ACCIDENT RESEARCH, AND THE POSITIVE EFFECT OF AN ACCIDENT SIMULATOR IN SAFETY TRAINING. AN ACCIDENT SIMULATOR AND A POWER TOOL PROCESS SIMULATOR WERE BUILT AND VALIDATED. IT WAS DEMONSTRATED THAT A POWER TOOL SIMULATOR COULD BE SAFELY EMPLOYED IN RESEARCH THAT OTHERWISE WOULD BE UNACCEPTABLY HAZARDOUS TO THE SUBJECT. IT WAS ALSO SHOWN THAT ACCIDENT SIMULATION HAS A POSITIVE EFFECT ON SAFETY TRAINING, THAT

THE TRAINING EFFECT IS TRANSFERABLE, AND THAT THE TRAINING EFFECT IS RETAINED FOR AT LEAST SIX MONTHS. (AUTHOR/MF)

VT 100 319

COMPUTERIZED VOCATIONAL INFORMATION SYSTEM. PHASE VI, FINAL REPORT (JULY 1, 1970-JUNE 30, 1971)

WILLOWBROOK HIGH SCHOOL, VILLA PARK, ILL. COMPUTERIZED INFORMATION SYSTEM PROJECT; COLLEGE OF DU PAGE, GLEN ELLYN, ILL. ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 71 116P.

DESCRIPTORS - \*COMPUTER ASSISTED INSTRUCTION; \*OCCUPATIONAL CHOICE; \*SCRIPTS; \*VOCATIONAL COUNSELING; AUTOINSTRUCTIONAL AIDS; INFORMATION SYSTEMS; SECONDARY GRADES  
IDENTIFIERS - \*ILLINOIS

ABSTRACT - IN PHASE VI OF THE COMPUTERIZED VOCATIONAL INFORMATION SYSTEM (CVIS) PROJECT OF THE ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION THE OBJECTIVES FOR WILLOWBROOK HIGH SCHOOL WERE: (1) REVISION AND UPDATING OF PRESENT SYSTEM, (2) NEW DEVELOPMENTS SUCH AS COMPUTER-ASSISTED INSTRUCTION, STUDENT SELF-REGISTRATION, AND SELF-EXPLORATION, (3) EXPANSION OF THE PROJECT TO ADDITIONAL SITES, AND (4) PROVISION OF CVIS SCRIPTS, PROGRAMS, AND TRAINING TO OTHER USERS. THE PHASE VI OBJECTIVES AT COLLEGE OF DUPAGE WERE: (1) FINDING WAYS TO INCREASE STUDENT AND FACULTY USE OF THE SYSTEM, (2) REVISION AND EXPANSION OF THE PRESENT SYSTEM, AND (3) NEW DEVELOPMENTS SUCH AS PLANS FOR A COMPUTER-PRINTED FOLLOWUP SURVEY AND ALTERNATE WAYS OF CAREER DECISION-MAKING. THIS REPORT DETAILS THE WORK WHICH WAS CARRIED OUT IN EACH OF THESE CATEGORIES. INCLUDED ARE PROFILES OF STUDENT USERS OF THE SYSTEM, EVALUATIVE DATA, SCRIPTS FOR COURSE SELECTION AND VOCATIONAL EXPLORATION, AND RELATED STUDIES FROM TWO DOCTORAL CANDIDATES. (MF)

VT 100 320

MORRIS, JAMES K.; MCINN, JAMES H. IMPLEMENTING A CAREER-CENTERED CURRICULUM IN THE PUBLIC SCHOOLS OF MISSISSIPPI. SEMI-ANNUAL REPORT.

MISSISSIPPI STATE BOARD FOR VOCATIONAL EDUCATION, JACKSON. OFFICE OF EDUCATION (DHEW), WASHIN  
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 31DEC72 135P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CAREER OPPORTUNITIES; \*CAREERS;  
\*INTEGRATED CURRICULUM; \*LEARNING  
ACTIVITIES; ELEMENTARY GRADES;  
OCCUPATIONAL INFORMATION; PROGRAM  
DEVELOPMENT; SCHOOL SYSTEMS;  
SECONDARY GRADES  
IDENTIFIERS - \*MISSISSIPPI; AMORY  
COUNTY SCHOOLS; FRANKLIN COUNTY  
SCHOOLS; KEMPER COUNTY SCHOOLS;  
NEW ALBANY SCHOOLS

ABSTRACT - THIS REPORT DOCUMENTS  
THE MAJOR ACTIVITIES AND  
ACCOMPLISHMENTS OF FOUR  
MISSISSIPPI SCHOOLS FROM JULY TO  
DECEMBER, 1972 AS THEY INTRODUCED  
CAREER CONCEPTS INTO THE SCHOOL  
CURRICULUM. SIGNIFICANT FINDINGS,  
EVENTS, AND PROBLEMS ARE NARRATED  
SCHOOL BY SCHOOL. DETAILS OF THE  
VARIOUS PROGRAMS IN EACH SCHOOL  
ARE PROVIDED IN AN EXTENSIVE  
APPENDIX AS WELL AS A SERIES OF  
LEARNING EXPERIENCES TO PROVIDE  
HIGH SCHOOL STUDENTS WITH  
INFORMATION IMPORTANT IN OBTAINING  
A JOB. (MU)

VT 100 321  
HOOPER, WILLIAM F.  
RESEARCH PROJECT IN VOCATIONAL  
EDUCATION, CONDUCTED UNDER PART C  
OF PUBLIC LAW 90-576. QUARTERLY  
REPORT.

LEFLORE COUNTY SCHOOL DISTRICT,  
GREENWOOD, MISS.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; MISSISSIPPI  
STATE DEPT. OF EDUCATION, JACKSON.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 15DEC72 92P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CAREER PLANNING; \*DEVELOPMENTAL  
PROGRAMS; \*VOCATIONAL DEVELOPMENT;  
\*VOCATIONAL EDUCATION; INTEGRATED  
CURRICULUM; OCCUPATIONAL  
INFORMATION; PILOT PROJECTS  
IDENTIFIERS - \*LEFLORE COUNTY  
SCHOOL DISTRICT; MISSISSIPPI

ABSTRACT - THIS QUARTERLY REPORT  
PRESENTS THE OBJECTIVES,  
ACTIVITIES, OUTCOMES, PROBLEMS,  
AND HIGHLIGHTS OF A PROJECT  
IMPLEMENTED TO INITIATE A CAREER  
EDUCATION PROGRAM IN THE LEFLORE  
COUNTY SCHOOL SYSTEM IN  
MISSISSIPPI. DEVELOPED PRIMARILY  
BECAUSE OF THE POPULATION'S LACK  
OF KNOWLEDGE ABOUT THE WORLD OF  
WORK, THE PROJECT SOUGHT TO AID  
STUDENTS IN BECOMING AWARE OF  
THEMSELVES, THEIR ABILITIES, AND  
THEIR INTERESTS AS WELL AS TO AID  
THEM IN DEVELOPING SATISFYING AND  
DESIRABLE TRAITS. INCLUDED ARE:  
(1) LESSON PLAN OUTLINES AND  
EVALUATION SHEETS, (2) A TEACHER'S  
GUIDE CONTAINING A RATIONALE FOR  
THE PROGRAM, MAJOR OBJECTIVES OF

THE PROGRAM, RESPONSIBILITIES OF  
SCHOOL PERSONNEL, OUTLINED  
CURRICULUMS FOR GRADES 1 THROUGH  
6, AND (3) NEWSPAPER ARTICLES  
ILLUSTRATING OR REPORTING PROJECT  
ACTIVITIES. TO SUCCESSFULLY  
INITIATE A PROGRAM OF THIS TYPE,  
AT LEAST THREE MONTHS PLANNING IS  
NECESSARY BEFORE INTRODUCING IT IN  
THE CLASSROOM. THAT AMOUNT OF TIME  
IS NECESSARY FOR PREVIEWING AND  
PURCHASING MATERIALS, ORGANIZING  
CLASS OUTLINES, AND TRAINING  
TEACHING PERSONNEL IN THE  
TECHNIQUES AND PHILOSOPHY OF  
CAREER EDUCATION. (SN)

VT 100 322  
DRIBBEN, W.B.  
IMPLEMENTING A CAREER-CENTERED  
CURRICULUM AT DAVIS SCHOOL,  
GREENWOOD, MISSISSIPPI. QUARTERLY  
REPORT.

GREENWOOD PUBLIC SCHOOLS, MISS.  
OFFICE OF EDUCATION (DHEW),  
WASHINGTON, D.C.; MISSISSIPPI  
STATE DEPT. OF EDUCATION, JACKSON.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 15DEC72 86P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CAREERS; \*INTEGRATED CURRICULUM;  
\*LEARNING ACTIVITIES; ELEMENTARY  
GRADES; OCCUPATIONAL INFORMATION;  
SECONDARY GRADES  
IDENTIFIERS - \*DAVIS SCHOOL;  
GREENWOOD; MISSISSIPPI

ABSTRACT - EFFORTS DURING THE LAST  
QUARTER OF 1972 TO IMPLEMENT  
CAREER EDUCATION CONCEPTS INTO THE  
CURRICULUM AT DAVIS SCHOOL,  
GREENWOOD, MISSISSIPPI ARE  
RECORDED. ACTIVITIES,  
ACCOMPLISHMENTS, AND PROBLEMS ARE  
DESCRIBED. A CAREER CENTERED  
CURRICULUM HANDBOOK, WHICH IS  
INCLUDED, CONTAINS A RATIONALE FOR  
CAREER EDUCATION, CONCEPTS AND  
OBJECTIVES, AN EXTENSIVE LIST OF  
FILMSTRIPS, AND RESPONSIBILITIES  
OF TEACHERS, CAREER COORDINATORS,  
AND DIRECTOR. EXAMPLES OF CAREER  
TITLES ARE ARRANGED BY CLASSROOM  
SUBJECT MATTER AREA. A REVIEW OF  
PRINCIPLES IN USING FIELD TRIPS,  
MEMOS TO STAFF, AND A COPY OF THE  
PUPILS' NOVEMBER ISSUE OF THE  
SCHOOL PAPER ARE INCLUDED. (MU)

VT 100 323  
FABER, JOAN F.  
CAREER PATTERNS: A DESCRIPTIVE  
ANALYSIS OF VOCATIONAL-TECHNICAL  
EDUCATION AT MONTGOMERY COMMUNITY  
COLLEGE, 1970-1971.

MONTGOMERY COLL., ROCKVILLE, MD.  
OFFICE OF INSTITUTIONAL RESEARCH,  
MARYLAND STATE DEPT. OF EDUCATION,  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - SEP71 35P.

DESCRIPTORS - \*DATA COLLECTION;

\*STUDENT CHARACTERISTICS; \*TEACHER CHARACTERISTICS; \*TECHNICAL EDUCATION; \*VOCATIONAL EDUCATION; CAREER CHOICE; OCCUPATIONAL ASPIRATION; STUDENT EMPLOYMENT; STUDENT ENROLLMENT; TABLES (DATA) IDENTIFIERS - \*MONTGOMERY COLLEGE

ABSTRACT - THIS SECOND (1971) REPORTING OF STUDENT AND FACULTY DATA FROM MONTGOMERY COLLEGE USED NEW COLLECTION AND PROCESSING SYSTEMS, PREVENTING A MEANINGFUL COMPARISON WITH THE 1970 DATA BUT WITH EXPECTATIONS OF COMPARISONS WITH FUTURE REPORTS. THE NEW SYSTEMS YIELDED THE FOLLOWING TABLES OF DATA: (1) DESCRIPTIVE DATA OF ALL STUDENTS BY CURRICULUM, (2) PERSONAL CHARACTERISTICS OF ALL STUDENTS BY OCCUPATIONAL ORIENTATION, (3) AGE ANALYSIS, (4) ENROLLMENT IN OCCUPATIONAL CURRICULUMS BY CLASS AND SEX, (5) STUDENTS WITH DEPENDENTS, (6) EMPLOYMENT STATUS, (7) EDUCATIONAL AND VOCATIONAL EXPECTATIONS, AND (8) FACULTY DATA. SAMPLES OF DATA COLLECTION INSTRUMENTS ARE APPENDED. (MU)

VT 100 324  
CUMMINS, JAMES E.; BENDER, RALPH E  
AGRICULTURAL TECHNICIAN EDUCATION IN OHIO--1971-72. RESEARCH SERIES IN AGRICULTURAL EDUCATION: A RESEARCH REPORT OF A GRADUATE STUDY.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION. OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER, WOOSTER. MF AVAILABLE IN VT-ERIC SET. PUB DATE - MAR73 122P.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*PROGRAM EVALUATION; \*STUDENT CHARACTERISTICS; \*TECHNICAL EDUCATION; \*VOCATIONAL FOLLOWUP; AGRICULTURAL TECHNICIANS; GRADUATE SURVEYS; SCHOOL SURVEYS; STATISTICAL DATA IDENTIFIERS - \*OHIO

ABSTRACT - TO STUDY THE NATURE OF STUDENTS ENROLLED IN THE 11 AGRICULTURAL TECHNOLOGY PROGRAMS CONDUCTED AT SEVEN SCHOOLS IN OHIO, THE FACTORS CAUSING THEM TO ENROLL AND COMPLETE THE PROGRAM, AND THE EFFECTIVENESS OF THE PROGRAMS, THIS STUDY SURVEYED STUDENTS, GRADUATES, EMPLOYERS, AND DROPOUTS TOTALING 790 AMONG ALL GROUPS. THE RESEARCH STUDY WAS CONDUCTED BY THE OHIO STATE UNIVERSITY AGRICULTURAL EDUCATION DEPARTMENT AS PART OF AN ONGOING PROJECT. FINDINGS INCLUDED THAT: (1) NEARLY HALF OF THE STUDENTS COMMUTED, (2) MOST HAD WORKED DURING HIGH SCHOOL AND FELT THAT JOB EXPERIENCE AND FFA ACTIVITIES WERE OF MOST VALUE IN CLASSES AND

EMPLOYMENT, (3) AFTER ONE YEAR, 24 PERCENT OF THOSE COMPLETING THE PROGRAMS HAD SEEN MILITARY SERVICE AND OVER HALF OF THE REST WERE EMPLOYED AS AGRICULTURAL TECHNICIANS, (4) GRADUATES FROM AGRICULTURAL MANAGEMENT AND ACCOUNTING AND FORESTRY WERE HIGHEST PAID, (5) EMPLOYERS AGREED IN GENERAL WITH STUDENTS IN THEIR PERSONALITY RATINGS, AND (6) ALL BUT TWO EMPLOYERS INDICATED THEY WOULD HIRE OTHER GRADUATES. FORTY PERCENT EXPRESSED SOME RESERVATION. DATA COLLECTION INSTRUMENTS AND TABLES ARE APPENDED. (MU)

VT 100 325  
SELECTED FUNCTIONAL COMPONENTS OF A VOCATIONAL EDUCATION COUNSELING SYSTEM FOR URBAN YOUTH. INTERIM REPORT FOR THE PERIOD FEBRUARY 1, 1972 TO JANUARY 31, 1973.

PITTSBURGH PUBLIC SCHOOLS, PA. OCCUPATIONAL, VOCATIONAL AND TECHNICAL DIV. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. MF AVAILABLE IN VT-ERIC SET. OEG-0-70-5184(361) PUB DATE - 1FEB73 138P.

DESCRIPTORS - \*CAREER EDUCATION; \*PROGRAM DESCRIPTIONS; \*SECONDARY GRADES; \*VOCATIONAL EDUCATION; \*WORK EXPERIENCE PROGRAMS; ELEMENTARY GRADES; GUIDANCE; OCCUPATIONAL GUIDANCE; OCCUPATIONAL INFORMATION; RESOURCE MATERIALS IDENTIFIERS - \*PITTSBURGH SCHOOL DISTRICT; OCCUPATIONAL ORIENTATION

ABSTRACT - THIS REPORT REVIEWS THE OPERATION FROM FEBRUARY, 1972 TO FEBRUARY, 1973 OF A PROGRAM DESIGNED TO PROVIDE CONTINUOUS VOCATIONAL EDUCATION EXPERIENCE FOR PUPILS ENROLLED IN GRADES 6 THROUGH 12 IN THE PITTSBURGH SCHOOL DISTRICT. THE PROCEDURES CALLED FOR THE FOLLOWING PROGRAMS: (1) CAREER ORIENTATION PROGRAM, (2) COOPERATIVE WORK EXPERIENCE PROGRAMS, (3) PROGRAM OF GUIDED OPPORTUNITIES FOR LIFE DECISIONS, (4) SELECT EMPLOYMENT TRAINEE PROGRAM, AND (5) SCHOOL-TO-INDUSTRY JOB DEVELOPMENT PROGRAM. FOUR SCHOOL REMODELING TO CONFORM WITH THE NEW PROGRAMS ARE REPORTED. AN EXTENSIVE APPENDIX CONTAINS SAMPLE FORMS USED IN VARIOUS PROGRAMS, RESOURCE MATERIALS FOR ENROLLMENT, PARENT COMMUNICATION, AND VISITING SPEAKERS, EVALUATION PROCEDURES, AND REPRINTS OF NEWS RELEASES. (MU)

VT 100 326  
THE CHANGING PATTERN OF HIGH

SCHOOL BUSINESS EDUCATION IN KENTUCKY HIGH SCHOOLS, 1960-1969. STATUS AND TRENDS SERIES VI. BUSINESS EDUCATION.

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. DIV. OF EDUCATIONAL RESEARCH. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 69 163P.

DESCRIPTORS - \*BUSINESS EDUCATION; \*CURRICULUM; \*TREND ANALYSIS; BUSINESS SUBJECTS; CURRICULUM DEVELOPMENT; EDUCATIONAL RESEARCH; SECONDARY GRADES IDENTIFIERS - \*CURRICULUM CHANGES;

ABSTRACT - THIS REPORT ON BUSINESS EDUCATION IN KENTUCKY'S HIGH SCHOOLS PRESENTS A DESCRIPTIVE ANALYSIS OF THE CHANGING PATTERN OF THE PROGRAM FOR THE ENTIRE DECADE OF THE SIXTIES. PROVIDED IS AN OVERALL PERSPECTIVE OF GENERAL AND VOCATIONAL BUSINESS EDUCATION IN BOTH PUBLIC AND NON-PUBLIC SCHOOLS WITHIN THE STATE. WHERE DATA PERMIT, TRENDS ARE SHOWN AND THE VARIABLES OF SCHOOL SIZE AND GEOGRAPHIC REGIONS ARE EXAMINED IN TERMS OF COURSE OFFERINGS AND STUDENT ENROLLMENT AND ARE REPORTED IN A SERIES FORMAT. IN ADDITION, INFLUENCES OF SIGNIFICANT FEDERAL LEGISLATION ON BUSINESS EDUCATION ARE ALSO EXPUNDED UPON. (AUTHOR/SN)

VT 100 327  
CRUNKILTON, JOHN R.; WRIGHT, BOBBY  
EVALUATION OF THE HALIFAX COUNTY SENIOR HIGH SCHOOL'S AGRICULTURAL EDUCATION DEPARTMENT. SUMMARY REPORT.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 30JUN72 147P.

DESCRIPTORS - \*AGRICULTURAL EDUCATION; \*PROGRAM EFFECTIVENESS; \*PROGRAM EVALUATION; \*VOCATIONAL AGRICULTURE; COST EFFECTIVENESS; SECONDARY GRADES; VOCATIONAL EDUCATION IDENTIFIERS - \*HALIFAX COUNTY SENIOR HIGH SCHOOL

ABSTRACT - THIS DOCUMENT REPRESENTS AN ACCUMULATION OF THE FINDINGS OF AN EVALUATIVE ASSESSMENT OF THE AGRICULTURAL EDUCATION DEPARTMENT AT HALIFAX COUNTY SENIOR HIGH SCHOOL. INCLUDED ARE: (1) DATA ABOUT THE STUDENT BODY, (2) DATA ABOUT THE VOCATIONAL AGRICULTURE PROGRAM, AND (3) EVALUATIVE COMMENTS AND RECOMMENDATIONS. TABLES LISTING

STATISTICAL FINDINGS OBTAINED FOR THE STUDENTS AND PROGRAM IN GENERAL ARE ALSO INCLUDED. (SN)

VT 100 328  
KING, KATHERINE  
MODEL CAREERS PROGRAM. PROJECT IN VOCATIONAL EDUCATION. INTERIM REPORT FOR THE PERIOD JANUARY 4, 1972 TO JANUARY 4, 1973.

MEMPHIS CITY SCHOOL SYSTEM, TENN. TENNESSEE STATE DEPT. OF EDUCATION, NASHVILLE. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 4JAN73 45P.

DESCRIPTORS - \*CAREER EDUCATION; \*CAREERS; \*PROGRAM EVALUATION; CAREER OPPORTUNITIES; DEMONSTRATION PROJECTS; ELEMENTARY GRADES; INTERMEDIATE GRADES; SECONDARY GRADES; VOCATIONAL DEVELOPMENT; VOCATIONAL EDUCATION IDENTIFIERS - \*CAREER AWARENESS; \*MODEL CAREERS PROGRAM

ABSTRACT - THIS DOCUMENT HIGHLIGHTS THE RESULTS OF AN EVALUATIVE ASSESSMENT OF A VOCATIONALLY ORIENTED MODEL CAREERS PROGRAM BEING OPERATED IN THE MEMPHIS CITY SCHOOLS. THE RESULTS PRESENTED COVER THE INTERIM PERIOD FROM JANUARY 4, 1972 TO JANUARY 4, 1973. IMPLEMENTED IN THREE PHASES AT THE ELEMENTARY SCHOOL LEVEL, THE MIDDLE SCHOOL LEVEL, AND HIGH SCHOOL LEVEL, THE PROJECT WAS CONDUCTED IN THE SOCIOECONOMIC AREA OF MEMPHIS WHICH WAS PREDOMINANTLY INHABITED BY MEMBERS OF THE MINORITY RACE AND WHICH HAD THE GREATEST INCIDENCE OF POVERTY AND SCHOOL DROPOUTS. A TOTAL OF 8,817 STUDENTS PARTICIPATED IN THE PROGRAM. THE GENERAL AIM OF THE PROJECT WAS TO FOSTER STUDENTS' AWARENESS OF THE WIDE RANGE OF JOB OPPORTUNITIES EXISTING IN THE MEMPHIS AREA AS WELL AS TO GIVE THEM SOME IDEA OF THE PREVAILING WORK CONDITIONS, JOB SATISFACTION, AND INCOME POTENTIAL. CONCLUSIVE FINDINGS OF THE EVALUATION REVEALED THAT THE PROJECT IS MEETING ITS STATE OBJECTIVES AND PROGRESSING ON SCHEDULE. (SN)

VT 100 329  
DRAFTING INSTRUCTION BY AUDIO-VISU

RICHMOND TECHNICAL INSTITUTE, HAML NORTH CAROLINA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION, RALEIGH. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 5MAR73 13P.

DESCRIPTORS - \*AUDIOVISUAL AIDS; \*AUTOINSTRUCTIONAL AIDS; \*DRAFTING; \*INSTRUCTIONAL AIDS; \*INSTRUCTIONAL MEDIA; EDUCATIONAL

RESEARCH; INSTRUCTIONAL  
INNOVATIONS; METHODS RESEARCH;  
SELF PACING MACHINES; TEACHING  
MACHINES; TEACHING METHODS

ABSTRACT - THIS REPORT DOCUMENTS THE RESULTS AND PROCEDURES OF A 7-MONTH STUDY UNDERTAKEN TO INVESTIGATE THE EFFECTIVENESS OF USING AUDIO-VISUAL AIDS IN TEACHING DRAFTING. TWO PARTICULAR AREAS OF DRAFTING INSTRUCTION WERE DEALT WITH; ONE AT AN ELEMENTARY LEVEL DEALING WITH BASIC DIMENSIONING, AND ANOTHER AT A MORE ADVANCED LEVEL DEALING WITH GEOMETRIC DIMENSIONING AND TOLERANCING. UTILIZED WERE FOUR SELF-INSTRUCTIONAL MACHINES AND 18 DRAFTING STUDENTS: NINE FROM THE FRESHMAN DRAFTING AND DESIGN CLASS WHO USED ELEMENTARY MATERIALS, AND NINE FROM THE SECOND YEAR CLASS WHO USED THE ADVANCED MATERIALS. SECOND YEAR STUDENTS WERE ALSO ASKED TO REVIEW THE ELEMENTARY MATERIALS AND OFFER SUGGESTIONS AND COMMENTS ON HOW EFFECTIVE THEY FELT THEY MIGHT HAVE BEEN HAD THE MATERIALS BEEN MADE AVAILABLE TO THEM DURING THEIR FRESHMAN YEAR. CONCLUSIONS INCLUDE: (1) THE SYSTEM IS MOST EFFECTIVE IF THE STUDENT IS TAUGHT NOT ONLY MECHANICAL OPERATION OF THE EQUIPMENT, BUT HOW TO STUDY AND ABSORB THE INFORMATION AS WELL, (2) POORLY PREPARED SLIDES AND RECORDINGS ARE WORSE THAN NONE AT ALL, AND (3) THE SYSTEM WAS MOST EFFECTIVE IN TEACHING AT THE ELEMENTARY LEVEL, THUS, IT SEEMS MORE LIKELY THAT IT WOULD PROVE MOST BENEFICIAL IN THE TEACHING OF ELEMENTARY DIMENSIONING. APPENDIXES CONTAINING DETAILS ON CONSTRUCTING A SYSTEM AND EQUIPPING IT WITH BASIC DRAFTING TEACHING MEDIA AS WELL AS THE COST BREAKDOWN OF THE SYSTEM ARE PROVIDED. (SN)

VT 100 330  
CAROLINA SCHOOL DISTRICT  
SEQUENTIAL APPROACH TO CAREER  
ORIENTATION AND PREPARATION.  
EXEMPLARY PROJECT IN VOCATIONAL  
EDUCATION CONDUCTED UNDER PART D  
OF PUBLIC LAW 90-576. INTERIM  
REPORT.

PUERTO RICO STATE DEPT. OF  
EDUCATION, HATO REY.  
BUREAU OF ADULT, VOCATIONAL, AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
OEG-0-71-0654-(361)  
PUB DATE - MAR73 98P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*DEVELOPMENTAL PROGRAMS; \*PROGRAM  
DESCRIPTIONS; \*VOCATIONAL  
DEVELOPMENT; CAREERS; ELEMENTARY  
GRADES; SECONDARY GRADES;

VOCATIONAL EDUCATION  
IDENTIFIERS - \*PUERTO RICO

ABSTRACT - THIS REPORT DOCUMENTS AN EXEMPLARY PROJECT FOR PROVIDING PUPILS IN THE CAROLINA SCHOOL DISTRICT, PUERTO RICO, WITH EDUCATIONAL EXPERIENCES TO HELP THEM ADAPT TO A WORLD OF WORK IN TECHNOLOGICAL CHANGE. THE PROGRAM COVERING THE TIME FROM MARCH 1, 1972 TO FEBRUARY 28, 1973, WAS DIRECTED TOWARD EXPANDING THE STUDENTS' SELF AWARENESS TO THE OCCUPATIONAL STRUCTURE STARTING AT THE ELEMENTARY LEVEL. ACTIVITIES, ACCOMPLISHMENTS, AND EVALUATIONS ARE REPORTED FOR THIS, THE SECOND YEAR OF THE PROGRAM. A UNIQUE FEATURE OF THE ACCOMPLISHMENTS IS THE TRANSLATION OF MUCH CURRICULUM AND PLANNING MATERIAL INTO UNDERSTANDABLE SPANISH, MAKING IT USEFUL FOR OTHER SCHOOLS WHO HAVE BEEN IN CONTACT WITH THE DISTRICT FOR THAT HELP. TABLES OF STATISTICS, ILLUSTRATIONS, PROMOTIONAL MATERIALS, AND OTHER DATA ARE CONTAINED IN THE APPENDIX. (MU)

VT 100 331  
THORPE, JESSE F.  
ANALYSIS OF WOOD COUNTY, WEST  
VIRGINIA, VOCATIONAL EDUCATION  
PROGRAMS. FINAL REPORT.

WOOD COUNTY BOARD OF EDUCATION,  
PARKERSBURG, W. VA.  
WEST VIRGINIA STATE DEPT. OF  
EDUCATION, CHARLESTON. BUREAU OF  
VOCATIONAL, TECHNICAL, AND ADULT  
EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - APR73 37P.

DESCRIPTORS - \*PROGRAM  
EFFECTIVENESS; \*PROGRAM  
EVALUATION; \*PROJECTS; \*VOCATIONAL  
EDUCATION; ADULT VOCATIONAL  
EDUCATION; COST EFFECTIVENESS;  
POST SECONDARY EDUCATION;  
SECONDARY GRADES  
IDENTIFIERS - \*WOOD COUNTY, WEST V

ABSTRACT - HIGHLIGHTED IN THIS DOCUMENT ARE THE FINDINGS AND RECOMMENDATIONS OF A STUDY CONDUCTED TO DETERMINE THE STATUS OF VOCATIONAL EDUCATION IN THE SCHOOLS OF WOOD COUNTY, WEST VIRGINIA, AND THE DEGREE TO WHICH VOCATIONAL PROGRAM OFFERINGS ARE MEETING THE NEEDS OF THE TARGET POPULATION. TO CONDUCT THE EVALUATION, A 3-MAN ASSESSMENT TEAM WAS SELECTED. DATA WERE OBTAINED THROUGH ON-THE-SPOT INTERVIEWS WITH PERSONS FROM BUSINESS AND INDUSTRY, STUDENTS CURRENTLY ENROLLED IN THE PROGRAM, FUTURE STUDENTS, TEACHERS, AND ADMINISTRATORS. FINDINGS INCLUDED: (1) THE PHYSICAL FACILITIES AND EQUIPMENT NOW BEING USED IN

VOCATIONAL PROGRAMS ARE TOO INADEQUATE TO ACCOMMODATE MOST OF THE TRADE AND INDUSTRIAL CLASSES. (2) THERE IS A LACK OF INTEGRATION OF THE CAREER EDUCATION CONCEPTS AND SKILLS IN THE PRESENT CURRICULUM AND (3) THE EXISTING FACILITIES OF VOCATIONAL PROGRAMS AT ALL LEVELS ARE INSUFFICIENTLY EQUIPPED TO ACCOMMODATE THE HANDICAPPED AND DISADVANTAGED. THE OVERALL CONCLUSION OF THE STUDY WAS THAT IN GENERAL, VOCATIONAL PROGRAMS IN THE COUNTY WERE NOT MEETING THE NEEDS OF THE MAJORITY OF THE POPULATION, THEREFORE, ADDITIONAL MODIFICATIONS AND EXPANSIONS OF EXISTING PROGRAMS ARE NEEDED. (SN)

VT 100 332  
 RENNER, THEODORE F.  
 "WHY ARE RURAL AREA SCHOOLS RELUCTANT TO TAKE ADVANTAGE OF SERVICES BY AREA VOCATIONAL HIGH SCHOOLS" RESEARCH. FINAL REPORT.

DICKINSON PUBLIC SCHOOL DISTRICT 1, N. DAK. DEPT. OF VOCATIONAL EDUCATION.  
 NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - ND 46P.

DESCRIPTORS - \*AREA VOCATIONAL SCHOOLS; \*FEASIBILITY STUDIES; \*RURAL SCHOOL SYSTEMS; \*VOCATIONAL EDUCATION; EDUCATIONAL RESEARCH

ABSTRACT - SUMMARIZED IN THIS REPORT ARE THE HIGHLIGHTS OF AN INVESTIGATION CONDUCTED TO DETERMINE WHY RURAL SCHOOL DISTRICTS WHO HAVE NO VOCATIONAL PROGRAMS OF THEIR OWN ARE RELUCTANT TO TAKE ADVANTAGE OF SERVICES AFFORDED BY AN AREA VOCATIONAL HIGH SCHOOL. DATA FOR THE STUDY WERE OBTAINED THROUGH THE USE OF QUESTIONNAIRES WHICH WERE DISTRIBUTED TO ADMINISTRATORS, SCHOOL BOARD MEMBERS, AND PARENT ORGANIZATIONS REPRESENTING SCHOOLS WITHIN THE RADIUS OF 50 TO 60 AND 60 TO 80 MILES RESPECTIVELY. A STUDY OF THE FINDINGS INDICATED THAT THE MAJOR OBSTACLES TO THE USAGE OF AN AREA SCHOOL ARE SCHEDULING, COST OF TRAVEL, TRAVEL TIME, AND DISTANCE. (SN)

VT 100 333  
 CAREER EDUCATION AS A TOTAL DELIVERY SYSTEM. RHODE ISLAND CAREER EDUCATION PROJECT.

RHODE ISLAND STATE DEPT. OF EDUCATION, PROVIDENCE.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - ND 16P

DESCRIPTORS - \*DEVELOPMENTAL PROGRAMS; \*INSTRUCTIONAL SYSTEMS;

\*PERFORMANCE CONTRACTS;  
 \*VOCATIONAL DEVELOPMENT;  
 ELEMENTARY GRADES; SECONDARY GRADES; STATEWIDE PLANNING IDENTIFIERS - \*RHODE ISLAND

ABSTRACT - THIS POSITION PAPER DEFINES THE STATE'S PRIORITIES IN TERMS OF DEVELOPING AN EDUCATIONAL DELIVERY SYSTEM THAT WILL PROMOTE A HIGH LEVEL OF STUDENT SELF DIRECTION AND DECISION-MAKING SKILL. AT THE ELEMENTARY LEVEL, GOALS ARE SOUGHT IN DEVELOPING: (1) READING SKILLS, (2) SELF DIRECTION AND DECISION-MAKING, AND (3) AWARENESS OF THE GENERAL CHARACTER OF OCCUPATIONS. ON THE SECONDARY LEVEL, STUDENT CONTRACTING FOR A NUMBER OF LEARNING ACTIVITIES IN VARIOUS DISCIPLINES PROVIDES THE FRAMEWORK FOR PERFORMANCE WHERE THE TEACHER'S ROLE IS ONE OF HELPING EACH STUDENT TO ACCOMPLISH A NUMBER OF ACTIVITIES TOWARD AN ULTIMATE GOAL. (MU)

VT 100 334  
 BAILEY, LARRY J.; NYSTROM, DENNIS  
 CAREER DEVELOPMENT FOR CHILDREN PR

SOUTHERN ILLINOIS UNIV., CARBONDALE. DIV. OF TECHNICAL AND INDUSTRIAL EDUCATION.  
 ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. VOCATIONAL AND TECHNICAL EDUCATION DIV.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - ND 13P.

DESCRIPTORS - \*CAREER EDUCATION; \*EDUCATIONAL PLANNING; \*ELEMENTARY GRADES; \*STATEWIDE PLANNING; \*VOCATIONAL DEVELOPMENT; PROJECTS IDENTIFIERS - \*ILLINOIS

ABSTRACT - THIS PAMPHLET DESCRIBES THE RATIONALE, OBJECTIVES, AND PROCEDURES OF AN ILLINOIS PROJECT TO PROVIDE GUIDELINES THAT GIVE SUPPORT TO CAREER DEVELOPMENT PROGRAMS FOR ELEMENTARY STUDENTS. THE GOAL WAS TO PROVIDE BEHAVIORAL DESCRIPTIONS OF THE DEVELOPMENTAL TASKS OF CAREER EDUCATION FOR VARIOUS LEVELS IN THE ELEMENTARY CURRICULUM AND TO DESIGN LEARNING ACTIVITIES APPROPRIATE TO EACH LEVEL. PLANNED PROCEDURE OF THE PROJECT INCLUDED THE FOLLOWING ACTIONS: (1) ASSESS THE PROBLEM, IDENTIFYING POSSIBLE APPROACHES TO STRUCTURING A MODEL, (2) SYNTHESIZE AND INTERPRET THE LITERATURE, CONCEPTUALIZING THE MODEL, (3) DESIGN THE INSTRUCTIONAL SYSTEM AND CURRICULUM MATERIALS, (4) PILOT TEST AND EVALUATE THE CURRICULUM MATERIALS, (5) DISSEMINATE THE MODEL AND PROVIDE THE TEACHERS PREPARATION, AND (6) CREATE EXEMPLARY CAREER DEVELOPMENT

DEMONSTRATION PROJECTS CONCURRENT WITH EVALUATION AND FURTHER RESEARCH. (AUTHOR/MU)

VT 100 335  
USE OF NONPHYSICIANS AS ASSISTANTS

HEALTH CAREERS OF OHIO, COLUMBUS. HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION (DHEW), BETHESDA, MD. REGIONAL MEDICAL PROGRAMS SERVICE; OHIO STATE DEPT. OF HEALTH, COLUMBUS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JAN73 51P.

DESCRIPTORS - \*ATTITUDES; \*MEDICAL SERVICES; \*PHYSICIANS; \*PHYSICIANS ASSISTANTS; \*STATE SURVEYS; VETERANS  
IDENTIFIERS - \*OHIO

ABSTRACT - TO IDENTIFY THE PHYSICIAN WORK LOAD, ATTITUDES TOWARD POSSIBLE USE OF PHYSICIANS ASSISTANTS FOR SOME TASKS, AND THE EMPLOYMENT POSSIBILITIES FOR VETERANS WHO HAVE HAD MILITARY MEDICAL EXPERIENCE, QUESTIONNAIRES WERE MAILED TO OVER 12,000 PHYSICIANS IN OHIO. IN STATISTICAL TABLES, THIS REPORT PRESENTS DATA DERIVED FROM THE 3,472 RESPONDENTS. CLASSIFIED BY SOLO, GROUP, RURAL, AND URBAN PRACTITIONERS, DATA ARE TABULATED BY COUNTY. TOTAL RESPONSE TO ALL QUESTIONS AND RESPONSE TO SELECTED QUESTIONS BY GRADUATION PERIOD ARE SHOWN. (MU)

VT 100 336  
EDUCATIONAL ASSISTANCE. FINAL REPO

FOX VALLEY TECHNICAL INST., APPLETON  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAR73 8P.

DESCRIPTORS - \*ACADEMICALLY HANDICAPPED; \*DROPOUT PREVENTION; \*TECHNICAL INSTITUTES  
IDENTIFIERS - \*FOX VALLEY TECHNICAL INSTITUTE; WISCONSIN

ABSTRACT - THIS REPORT DESCRIBES A PROJECT UNDERTAKEN AT FOX VALLEY TECHNICAL INSTITUTE, WISCONSIN THAT SOUGHT TO: (1) IDENTIFY EARLY DROPOUTS AND PREVENT THEM, (2) ALERT INSTRUCTORS TO THE PROBLEMS OF DROPOUTS SO THAT THEY MIGHT PROVIDE INDIVIDUAL GUIDANCE AND INSTRUCTION FOR STUDENTS WHO ARE POTENTIAL DROPOUTS, AND (3) GIVE ACADEMICALLY DISADVANTAGED STUDENTS THE NECESSARY ASSISTANCE BEFORE THEY GET DISCOURAGED AND WITHDRAW FROM SCHOOL. AS A RESULT OF THE CONCERTED EFFORT, POTENTIAL DROPOUTS WERE IDENTIFIED EARLY ENOUGH TO BE GIVEN PROGRAMS OF INSTRUCTION IN WHICH THEIR SUCCESS WAS POSSIBLE. WHILE NOT OPERATING AT PRESENT AS ORIGINALLY OUTLINED, THE PROJECT HAS CAUSED ALL

CONCERNED TO DEVELOP AN ATTITUDE OF HELPFULNESS, AND AS A RESULT MANY STUDENT BEHAVIOR CHANGES HAVE BECOME APPARENT. OTHER DEPARTMENTS OF THE SCHOOL, STRUCTURING SIMILAR PROGRAMS, HAVE MET WITH SUCCESS. (AUTHOR/MU)

VT 100 337  
LYNN, JAMES  
FIVE-STATE VOCATIONAL-TECHNICAL EDUCATION CURRICULUM SEMINAR.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SERVICES. OFFICE OF EDUCATION (DHEW), WASHINGTON  
MF AVAILABLE IN VT-ERIC SET.  
OEG-0-72-4686  
PUB DATE - JAN73 10P.

DESCRIPTORS - \*EDUCATIONAL COORDINATION; \*EDUCATIONAL NEEDS; \*EDUCATIONAL STRATEGIES; \*REGIONAL COOPERATION; \*STATE ACTION; CURRICULUM; SEMINARS  
IDENTIFIERS - ARIZONA; CALIFORNIA; HAWAII; NEVADA; UTAH

ABSTRACT - STATE DIRECTORS OF VOCATIONAL EDUCATION FROM UTAH, NEVADA, ARIZONA, HAWAII, AND CALIFORNIA MET IN SAN FRANCISCO IN NOVEMBER 1972 TO INVESTIGATE POSSIBILITIES FOR COORDINATING CURRICULUM MATERIALS AMONG THE STATES SO AS TO ELIMINATE DUPLICATION OF EFFORT. THIS REPORT SUMMARIZES THAT MEETING, PROVIDES A COMPARISON OF CURRICULUM STRATEGIES AND COMMON NEEDS, AND ARRIVES AT APPROPRIATE RECOMMENDATIONS AND STRATEGIES. (MU)

VT 100 338  
LOPEZ, JOSE R.  
AN EVALUATION REPORT ON VOCATIONAL AND TECHNICAL EDUCATION IN PUERTO RICO 1971.

PLANNING RESEARCH EVALUATION SERVICES, RIO PIEDRAS (PUERTO RICO). PUERTO RICO STATE ADVISORY COUNCIL ON VOCATIONAL AND TECHNICAL EDUCATION, SAJUAN.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 15OCT71 109P.

DESCRIPTORS - \*EDUCATIONAL NEEDS; \*INDUSTRIAL EDUCATION; \*PROGRAM EVALUATION; \*EDUCATIONAL IMPROVEMENT; SURVEYS; TECHNOLOGICAL ADVANCEMENT; VOCATIONAL EDUCATION  
IDENTIFIERS - PUERTO RICO

ABSTRACT - IN AN EFFORT TO EVALUATE THE INDUSTRIAL EDUCATION OFFERED IN PUERTO RICAN SCHOOLS IN 1971, QUESTIONNAIRES WERE SENT TO STUDENTS, INSTRUCTORS, RECENT GRADUATES, AND PRESENT SCHOOL DIRECTORS OF TEN VOCATIONAL HIGH

SCHOOLS. EMPLOYERS WERE INTERVIEWED FROM EIGHT FIRMS REPRESENTING DIFFERENT INDUSTRIES AND A VARIETY OF RECORDS AND REPORTS WERE STUDIED FOR ADDED DATA. FINDINGS INDICATED A NEED TO UPDATE THE COURSES AND A NUMBER OF PROBLEMS IN LABORATORY EQUIPMENT OBSOLESCENCE, RECENT RAPID TECHNOLOGY CHANGES IN INDUSTRY, AND NEED FOR TEACHER IMPROVEMENT. INSTRUMENTS USED IN THE SURVEY ARE APPENDED. (MU)

VT 100 339  
LINEHAN, JEAN D.  
PROFICIENCY EXAMINATIONS FOR CLINICAL LABORATORY PERSONNEL: INTERIM REPORT, PHASE II.

NATIONAL COMMITTEE FOR CAREERS IN THE MEDICAL LAB., BETHESDA, MD. MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. OFFICE OF RESEARCH AND DEVELOPMENT. MF AVAILABLE IN VT-ERIC SET. DLMA-82-22-70-35-2  
NATIONAL TECHNICAL INFORMATION SERVICE, SPRINGFIELD, VA 22151 (MF \$ .95, HC \$3.00)  
PUB DATE - AUG72 30P.

DESCRIPTORS - \*EQUIVALENCY TESTS; \*MEDICAL LABORATORY ASSISTANTS; \*NORM REFERENCED TESTS; \*PERFORMANCE TESTS; \*TEST CONSTRUCTION; NATIONAL COMPETENCY TESTS; TESTING; TESTS

ABSTRACT - REPORT COVERS DEVELOPMENT AND INITIAL STEPS IN UTILIZATION OF PROFICIENCY EXAMINATIONS THROUGH WHICH LABORATORY WORKERS WHO LACK FORMAL CREDENTIALS CAN DEMONSTRATE THEIR JOB-RELATED SKILLS AND KNOWLEDGE AND THUS GAIN APPROPRIATE JOB PLACEMENT OR UPGRADING. FOUR TESTS IN CLINICAL CHEMISTRY, MICROBIOLOGY, HEMATOLOGY, AND BLOOD BANKING HAVE BEEN DESIGNED BY EXPERTS IN THE FIELDS, WITH THE ASSISTANCE OF EDUCATIONAL TESTING SERVICE OF PRINCETON, N.J. IN 1971-72, THE TESTS WERE GIVEN ON A PILOT BASIS TO 3,577 LABORATORY WORKERS. NORMS HAVE BEEN ESTABLISHED. THE EXAMINATIONS HAVE BEEN ENDORSED BY ALL MAJOR EMPLOYER ASSOCIATIONS, AND USE OF TEST RESULTS TO QUALIFY PERSONNEL IS BEING CONSIDERED BY MEDICARE, CIVIL SERVICE AGENCIES, AND LICENSING BODIES. THE REPORT RECOMMENDS CONTINUING PUBLICITY AND PROMOTION, PLUS A FOLLOWUP OF CANDIDATES AND EMPLOYERS TO ASSURE THE EXAMINATIONS ARE FULFILLING THEIR PURPOSE. (AUTHOR)

VT 100 340  
SHIMBERG, BENJAMIN  
SURVEY OF PROCEDURES USED BY THE U.S. COAST GUARD FOR LICENSING DECK AND ENGINEERING OFFICERS IN

THE U.S. MERCHANT MARINE. FINAL REPORT.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. 08540 (PRICE \$3.00)  
MF AVAILABLE IN VT-ERIC SET. PR-69-2  
EDUCATIONAL TESTING SERVICE, PRINCETON, N.J. 08540 (PRICE \$3.00)  
PUB DATE - FEB69 143P.

DESCRIPTORS - \*CERTIFICATION; \*OFFICER PERSONNEL; \*SEAMEN; \*TEST REVIEWS; \*TESTING PROGRAMS; GUIDELINES; PROGRAM EVALUATION; PROGRAM IMPROVEMENT  
IDENTIFIERS - \*COAST GUARD; MERCHA

ABSTRACT - AT THE REQUEST OF THE COAST GUARD, A STUDY OF THE PROCEDURES USED FOR EXAMINING APPLICANTS FOR LICENSING AS DECK AND ENGINEERING OFFICERS IN THE U.S. MERCHANT MARINE WAS MADE IN ORDER TO IDENTIFY PROBLEMS AND SHORTCOMINGS IN THE PRESENT SYSTEM AND TO RECOMMEND IMPROVED SYSTEMS AND PROCEDURES FOR CARRYING OUT THE LICENSING FUNCTION. TO GAIN AN UNDERSTANDING OF THE SYSTEM, FIELD VISITS WERE MADE TO COAST GUARD INSTALLATIONS AND DISCUSSIONS WERE HELD WITH REPRESENTATIVES OF MARITIME TRAINING INSTITUTIONS AND WITH LABOR ORGANIZATIONS INVOLVED IN THE TRAINING OF DECK AND ENGINEERING OFFICERS. THE REPORT REVIEWS CURRENT EXAMINATION PRACTICES, TYPES OF EXAMINATIONS IN USE, THE LICENSE STRUCTURE, AND CRITICISMS BY MARITIME EDUCATORS. MANY SUGGESTIONS ARE OFFERED FOR IMPROVING PROCEDURES AND EFFECTING CHANGES IN THE EXAMINATION SYSTEM AND THE LICENSE STRUCTURE. (MF)

VT 100 341  
VOCATIONAL AND TECHNICAL EDUCATION IN PUERTO RICO. A BIBLIOGRAPHICAL LISTING OF RESEARCH STUDIES, PROJECTS AND THESES.

PUERTO RICO STATE DEPT. OF EDUCATION, HATO REY. RESEARCH AND CURRICULUM DEVELOPMENT COORDINATING UNIT.  
MF AVAILABLE IN VT-ERIC SET. BIB-2  
PUB DATE - FEB73 13P.

DESCRIPTORS - \*BIBLIOGRAPHIES; \*EDUCATIONAL RESEARCH; \*RESEARCH PROJECTS; \*VOCATIONAL EDUCATION  
IDENTIFIERS - \*PUERTO RICO

ABSTRACT - THIS PUBLICATION PRESENTS A BIBLIOGRAPHIC LISTING OF RESEARCH STUDIES AND PROJECTS ON VOCATIONAL AND TECHNICAL EDUCATION AND RELATED AREAS IN PUERTO RICO. THE DOCUMENTS LISTED ARE AVAILABLE FOR REFERENCE AT THE PEDAGOGICAL RESOURCES CENTER OF THE PUERTO RICO RESEARCH

COORDINATING UNIT. THE PURPOSE OF THE PUBLICATION IS TO INFORM EDUCATORS ABOUT VOCATIONAL EDUCATION RESEARCH IN PUERTO RICO AND TO SERVE AS A GUIDE FOR ADDITIONAL STUDIES. (MF)

VT 100 342  
RESEARCH IN ACTION: ABSTRACTS OF EXEMPLARY PROJECTS ORIGINATED AND DEVELOPED BY THE PUERTO RICO'S RESEARCH AND CURRICULUM DEVELOPMENT COORDINATING UNIT. FISCAL YEAR 1972-73.

PUERTO RICO STATE DEPT. OF EDUCATION, HATO REY. RESEARCH AND CURRICULUM DEVELOPMENT COORDINATING UNIT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAR73 19P.

DESCRIPTORS - \*ABSTRACTS; \*CAREER EDUCATION; \*DEVELOPMENTAL PROGRAMS; \*RESEARCH COORDINATING UNITS; \*RESEARCH PROJECTS IDENTIFIERS - \*PUERTO RICO

ABSTRACT - ABSTRACTS OF EXEMPLARY PROJECTS FUNDED UNDER PART D OF PUBLIC LAW 90-576, VOCATIONAL EDUCATION AMENDMENTS OF 1968, ARE PRESENTED FOR THE FISCAL YEAR 1973. INCLUDED ARE SUCH SUBJECTS AS CURRICULUM DEVELOPMENT, MODERN FARMING TECHNIQUES FOR OUT-OF-SCHOOL YOUTH, AND MODEL OFFICES FOR BUSINESS EDUCATION. (MF)

VT 100 343  
BIGSBY, JAMES, AND OTHERS  
OCCUPATIONAL LEARNING CENTER REPORT  
SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 101P.

DESCRIPTORS - \*CONTINUATION EDUCATION; \*DISADVANTAGED YOUTH; \*INDIVIDUALIZED PROGRAMS; \*OCCUPATIONAL GUIDANCE; \*WORK STUDY PROGRAMS; DROPOUTS; POTENTIAL DROPOUTS; SECONDARY GRADES; WORK EXPERIENCE PROGRAMS IDENTIFIERS - SYRACUSE; NEW YORK

ABSTRACT - THE OCCUPATIONAL LEARNING CENTER, CONDUCTED AS AN ANNEX OF CENTRAL TECHNICAL HIGH SCHOOL, SYRACUSE, NEW YORK, WAS ESTABLISHED TO MEET THE NEEDS OF DISADVANTAGED YOUTH WHO WERE UNABLE TO SUCCEED IN THE REGULAR PROGRAM. EACH STUDENT RECEIVED AN INDIVIDUALIZED PROGRAM OF INSTRUCTION, OCCUPATIONAL RATHER THAN ACADEMIC, WITH PART-TIME CORE INSTRUCTION AND PART-TIME WORK OR TRAINING EXPERIENCE. DUE TO THE WIDE VARIETY OF STUDENT WORK-SCHOOL SCHEDULES, THE CENTER WAS OPEN FOR INSTRUCTION FROM 8:00 A.M. UNTIL 9:00 P.M. IT WAS FOUND THAT CONTINUING VOCATIONAL GUIDANCE AND INTENSIVE PERSONAL

COUNSELING COMBINED WITH WORK EXPERIENCE AND/OR VOCATIONAL TRAINING WERE HELPFUL IN REACHING ALL BUT TWO OF THE 40 STUDENTS IN THE PROGRAM. THE BULK OF THE REPORT IS COMPRISED OF INDIVIDUAL PROGRESS REPORTS ON ALL OF THE STUDENTS. A RELATED DOCUMENT IS AVAILABLE AS VT 100 345. (MU)

VT 100 344  
EVALUATION OF THE STATE PLAN FOR THE ADMINISTRATION OF VOCATIONAL EDUCATION UNDER THE VOCATIONAL EDUCATION AMENDMENTS OF 1968. (ARKANSAS).

ARKANSAS ADVISORY COUNCIL FOR VOCATIONAL-TECHNICAL EDUCATION, LITTLE ROCK.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 6DEC72 19P.

DESCRIPTORS - \*ADVISORY COMMITTEES; \*PROGRAM EVALUATION; \*STATE PROGRAMS; CAREER EDUCATION; EDUCATIONAL NEEDS; VOCATIONAL EDUCATION IDENTIFIERS - \*ARKANSAS; VOCATIONAL EDUCATION AMENDMENTS OF 1968

ABSTRACT - IN ITS EVALUATION OF THE ARKANSAS STATE PLAN FOR THE ADMINISTRATION OF VOCATIONAL EDUCATION, THE ADVISORY COMMITTEE UNDERLINED THE NEED FOR A COMPREHENSIVE SYSTEM OF EDUCATION TO ENABLE STUDENTS TO MAKE A CHOICE BETWEEN A CAREER OR FURTHER EDUCATION BUT OBSERVED THAT THE PLANNING AND AVAILABLE FUNDS DO NOT ADEQUATELY SERVE THE STUDENT POPULATION. EVALUATION AREAS IN THE REPORT ARE: EVALUATION OF THE PLAN AS A PLANNING INSTRUMENT, GOALS AND PRIORITIES, ELEMENTARY AND SECONDARY SCHOOLS, POST-SECONDARY SCHOOLS, AREA SKILL CENTERS, INDEPENDENT PLANNING, AND TEACHER TRAINING. RECOMMENDATIONS FOR IMPROVEMENT OF VOCATIONAL EDUCATION PROGRAMS ARE DETAILED, WITH IMPLEMENTATION OF A TOTAL CAREER EDUCATION SYSTEM IN ARKANSAS AS A LONG-RANGE STRATEGY. (MF)

VT 100 345  
OCCUPATIONAL LEARNING CENTER PROGRAM  
SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 137P.

DESCRIPTORS - \*CONTINUATION EDUCATION; \*DISADVANTAGED YOUTH; \*INDIVIDUALIZED PROGRAMS; \*OCCUPATIONAL GUIDANCE; \*WORK STUDY PROGRAMS; DROPOUTS; POTENTIAL DROPOUTS; SECONDARY GRADES; WORK EXPERIENCE PROGRAMS IDENTIFIERS - SYRACUSE; NEW YORK

ABSTRACT - DURING ITS SECOND YEAR

THE OCCUPATIONAL LEARNING CENTER PROGRAM OF THE SYRACUSE CITY SCHOOL DISTRICT WORKED WITH 117 STUDENTS, ALL DROPOUTS OR POTENTIAL DROPOUTS. THE PROGRAM IS NOW ESTABLISHED AS AN ALTERNATE SECONDARY PROGRAM QUALIFYING STUDENTS FOR A LOCAL HIGH SCHOOL DIPLOMA. THIS IS AN INDIVIDUALIZED PROGRAM OF OCCUPATIONALLY ORIENTED INSTRUCTION, GUIDANCE, AND TRAINING AND/OR WORK EXPERIENCE DESIGNED FOR A TARGET POPULATION OF THE MOST DISAFECTED STUDENTS WHO HAD EXPERIENCED FAILURE IN THE REGULAR EDUCATIONAL SYSTEM. THE CENTER STAFF WERE ENCOURAGED WITH RESULTS OBTAINED FROM A LARGE MAJORITY OF THE STUDENT GROUP BASED ON ATTENDANCE, BASIC SKILLS, BEHAVIOR AND ATTITUDE, AND EMPLOYABILITY. AN INDIVIDUAL PROGRESS REPORT ON EACH STUDENT (3 TO 5 PAGES) PREPARED BY THE STAFF FROM EACH CENTER COMPRISES MOST OF THE REPORT. A RELATED DOCUMENT IS AVAILABLE AS VT 100 343. (MU)

VT 100 346

SWANSON, J. CHESTER, AND OTHERS  
OCCUPATIONAL TRAINING SERVICES FOR  
THE HANDICAPPED AND DISADVANTAGED  
IN NAPA COUNTY, CALIFORNIA.

NAPA COUNTY SUPERINTENDENT OF SCHOOLS  
CALIFORNIA STATE DEPT. OF  
EDUCATION, SACRAMENTO. RESEARCH  
COORDINATING UNIT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - APR72 118P.

DESCRIPTORS - \*DISADVANTAGED  
GROUPS; \*HANDICAPPED STUDENTS;  
\*PROGRAM EVALUATION; \*SPECIAL  
EDUCATION; \*VOCATIONAL EDUCATION;  
OCCUPATIONAL GUIDANCE; SECONDARY  
EDUCATION; VOCATIONAL  
REHABILITATION; WORK EXPERIENCE  
PROGRAMS  
IDENTIFIERS - NAPA COUNTY; CALIFORNIA

ABSTRACT - THE OBJECTIVE OF THIS STUDY WAS TO DETERMINE THE AVAILABILITY AND EFFECTIVENESS OF THE CURRENT OCCUPATIONAL TRAINING PROGRAMS FOR HANDICAPPED AND DISADVANTAGED SECONDARY YOUTH AND ADULTS IN NAPA COUNTY, CALIFORNIA. THE EVALUATION CONCLUDED THAT THE SPECIAL EDUCATION PROGRAM AND THE VOCATIONAL REHABILITATION SERVICES ANSWERED THE NEED VERY WELL. HOWEVER, IT WAS FELT THAT THE VOCATIONAL EDUCATION PROGRAMS SHOULD BE EXTENSIVELY UPGRADED. IT WAS RECOMMENDED THAT A STATEMENT OF POLICY BE DEVELOPED TO RECOGNIZE THE PLACE OF VOCATIONAL EDUCATION IN THE PREPARATION OF HANDICAPPED AND DISADVANTAGED STUDENTS FOR EMPLOYMENT. BEHAVIORAL OBJECTIVES, A DATA BANK OF JOB ENTRY INFORMATION, AND PLACEMENT SERVICES WERE ALSO RECOMMENDED, ALONG WITH A PLAN FOR

CONTINUING EVALUATION OF  
VOCATIONAL PROGRAMS FOR THE  
HANDICAPPED AND DISADVANTAGED.  
(MF)

VT 100 347

MARCELENO, TRUY  
INTRODUCTORY PACKAGE: "MISSION  
RESPONSIBLE". A SAFETY IN SOLID  
WASTE COLLECTION TRAINING PROGRAM.

ENVIRONMENTAL PROTECTION AGENCY,  
CINCINNATI, OHIO.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - DEC71 16P.

DESCRIPTORS - \*SAFETY; \*SAFETY  
EDUCATION; \*STANDARDS; \*WASTE;  
\*WASTE DISPOSAL; LEADERSHIP  
TRAINING

ABSTRACT - THIS DOCUMENT REPORTS A PROJECT TO DEVELOP A TRAINING PROGRAM TO BE AVAILABLE TO PUBLIC AND PRIVATE SOLID WASTE COLLECTORS THROUGHOUT THE NATION. TWO SEPARATE PROGRAMS ARE OFFERED: ONE FOR SUPERVISORY PERSONNEL AND ONE FOR OPERATING PERSONNEL. THE FIRST IS A 1-DAY TRAINING SESSION DESIGNED TO BRING THE SUPERVISORS UP TO DATE ON THE STATUS OF SAFETY STANDARDS AND PRACTICES IN THE INDUSTRY. THE SECOND TRAINING PROGRAM, AIMED AT OPERATING PERSONNEL, IS TO INCLUDE SEVEN TOPICAL PRESENTATIONS, EACH DEVOTED TO MAJOR SAFETY PRACTICE IN WASTE COLLECTION. PROMOTIONAL MATERIALS IN APPROPRIATE JOURNALS AND SPEAKERS AT NATIONAL CONVENTIONS ARE TO BE USED IN IDENTIFYING AND DISTRIBUTING THE PROGRAM MATERIAL. OVER A 2-YEAR IMPLEMENTATION PERIOD, STATE PRESENTATIONS, REGIONAL ORIENTATION SESSIONS, AND ASSOCIATION PRESENTATIONS ARE TO BE OFFERED. (AUTHOR/MU)

VT 100 348

GARDNER, DAVID C.  
EMPLOYER EVALUATIONS OF HIGH  
SCHOOL CAREER EDUCATION  
COORDINATORS AND STUDENTS: A  
REPORT TO THE SCHOOL COMMITTEE.

STONEHAM PUBLIC SCHOOLS, MASS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - FEB73 28P.

DESCRIPTORS - \*COOPERATIVE  
EDUCATION; \*EMPLOYER ATTITUDES;  
\*EVALUATION TECHNIQUES; \*RATING  
SCALES; \*SECONDARY SCHOOL  
STUDENTS; MEASUREMENT; STUDENT  
EVALUATION  
IDENTIFIERS - \*STONEHAM PUBLIC SCH

ABSTRACT - TO SURVEY THE USEFULNESS OF A TYPICAL RATING SCALE FOR THE EVALUATION OF A HIGH SCHOOL CAREER EDUCATION PROGRAM, QUESTIONNAIRES WERE MAILED, DURING THE SUMMER OF 1972, TO 81

EMPLOYERS OF THE STUDENTS OF STONEHAM, MASSACHUSETTS PUBLIC SCHOOLS ENROLLED IN A PROGRAM OFFERING ON-THE-JOB TRAINING EXPERIENCES. RETURNS FROM 44 EMPLOYERS INDICATED THE MAJORITY OF STUDENTS WERE RATED GOOD OR EXCELLENT BY THE EMPLOYERS ON ALL CATEGORIES. WHILE ALMOST ALL EMPLOYER RATINGS OF COORDINATORS ON MATURITY, ADAPTABILITY, AND BUSINESS PERSONALITY WERE IN THE GOOD OR EXCELLENT CATEGORIES, AN ADEQUACY OF STUDENT SUPERVISION OVER 26 PERCENT WERE POOR OR FAIR. TEACHERS TENDED TO RATE STUDENTS LOWER THAN EMPLOYERS ON SIMILAR CHARACTERISTICS. HIGH POSITIVE CORRELATIONS SUGGEST HALO EFFECTS IN THE EMPLOYERS' RATING PROCESSES, INDICATING THAT EMPLOYERS LACK PROFICIENCY IN THE PROPER USE OF RATING SCALES. THIS FACT POINTS TO THE NEED FOR CAUTION ON THE PART OF CAREER EDUCATORS IN THE DEVELOPMENT, UTILIZATION, AND INTERPRETATION OF SUCH INSTRUMENTS. (AUTHOR/MU)

VT 100 349  
SECOND ANNUAL REPORT AND RECOMMENDATIONS OF THE NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION. FY 1971.

NEW YORK STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, ALBANY.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 26P.

DESCRIPTORS - \*ADVISORY COMMITTEES; \*EDUCATIONAL PLANNING; \*PROGRAM EVALUATION; \*STATE PROGRAMS; \*VOCATIONAL EDUCATION IDENTIFIERS - \*NEW YORK STATE

ABSTRACT - THE DOCUMENT REPORTS THE COUNCIL'S PROGRESS AND ACTIONS ON EARLIER RECOMMENDATIONS AND IDENTIFIES SIGNIFICANT ADDITIONAL CONCERNS. THESE ARE THAT EVALUATION SHOULD FOCUS ON: (1) STATE GOALS AS SET FORTH IN THE STATE PLAN, (2) EFFECTIVENESS WITH WHICH PEOPLE AND THEIR NEEDS ARE SERVED, AND (3) EXTENT TO WHICH COUNCIL RECOMMENDATIONS HAVE RECEIVED DUE CONSIDERATION. EACH OF THE THREE IS RECOUNTED IN TURN. (MU)

VT 100 350  
CAREERS: YOUR DECISION. (PLUS SEPARATE EVALUATION REPORT).

AUSTIN INDEPENDENT SCHOOL DISTRICT  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - FEB73 101P.

DESCRIPTORS - \*CAREER OPPORTUNITIES; \*EMPLOYMENT TRENDS; \*OCCUPATIONAL SURVEYS; \*SCHOOL SURVEYS; \*VOCATIONAL EDUCATION; PARENT ATTITUDES; STUDENT OPINION IDENTIFIERS - \*AUSTIN INDEPENDENT

SCHOOL DISTRICT; TEXAS

ABSTRACT - THIS ANALYSIS OF CAREER EDUCATION NEEDS AND POTENTIAL IN THE AUSTIN STANDARD METROPOLITAN STATISTICAL AREA CONTAINS RECENT OCCUPATIONAL TRAINING DATA AND A STUDENT-PARENT SURVEY. PART I PROVIDES BASIC OCCUPATIONAL DATA ON SPECIFIC JOBS AND EMPLOYMENT TRAINING IN TRAVIS COUNTY THROUGH 1975. THE RESULTS OF THE STUDENT-PARENT SURVEY IN PART I SHOW A HIGH PERCENTAGE OF BOTH WANT A BACCALAUREATE DEGREE, MOST CHOSE OVERCROWDED FIELDS, AND FEW CHOSE JOBS WHERE THERE WOULD BE A CRITICAL NEED FOR NEW EMPLOYEES. COURSES AVAILABLE AT SPECIALIZED INSTITUTIONS AND THROUGH THE AUSTIN INDEPENDENT SCHOOL DISTRICT ARE OUTLINED IN PART III. THE APPENDIX PROVIDES THE METHODOLOGY USED IN THE SURVEYS, A LIST OF INDUSTRIAL DEFINITIONS, STUDENT-PARENT FIRST CHOICES, SAMPLE SURVEY FORMS, AND A LIST OF PARTICIPATING EMPLOYERS AND TRAINING INSTITUTIONS. A SEPARATELY BOUND EVALUATION REPORT IS INCLUDED WITH THE DOCUMENT. (AUTHOR/MU)

VT 100 351  
KRUG, JON V., ED.  
WHERE THE EDUCATION ACTION IS:  
THIRD ANNUAL EVALUATION REPORT,  
1972.

NEVADA ADVISORY COUNCIL FOR MANPOWER TRAINING AND CAREER EDUCATION, CARSON CITY.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 90P.

DESCRIPTORS - \*ADVISORY COMMITTEES; \*CAREER EDUCATION; \*PROGRAM EVALUATION; \*VOCATIONAL EDUCATION; STATE PROGRAMS; STATEWIDE PLANNING IDENTIFIERS - \*NEVADA

ABSTRACT - HOLDING RESPONSIBILITY OF THE STATE FOR EDUCATIONAL APPROPRIATIONS AS THE MAJOR CONCERN IN THE COMING YEAR, THE COUNCIL'S REPORT DESCRIBES THE PROGRESS AND DEVELOPMENT IN VOCATIONAL/TECHNICAL EDUCATION AND TRAINING FOR 1972. SHORT DESCRIPTIVE REPORTS ARE GIVEN FOR CAREER EDUCATION, TEACHER EDUCATION, COMMUNITY COLLEGES, VOCATIONAL EDUCATION, AND COMMENTS FROM VARIOUS SCHOOL SUPERINTENDENTS. RECOMMENDATIONS FOR THE COMING YEAR DEAL WITH THE NEED FOR FIRST PRIORITY TO GO TO CAREER EDUCATION WITH SEMINARS FOR ADMINISTRATORS AND CAREER EDUCATION CONCEPTS PROVIDED IN THE CURRICULUM FOR TEACHER EDUCATION. ARTICULATION AND COORDINATION OF PROGRAMS OVER THE STATE MUST BE PROMOTED, AND LABOR MARKET

**INFORMATION USED IN DESIGNING  
VOCATIONAL PROGRAMS. (MU)**

**VT 100 352**  
CLARK, DON  
A SPECIAL VOCATIONAL PROGRAM IN  
THE RITENOUR SCHOOL DISTRICT.

RITENOUR CONSOLIDATED SCHOOL  
DISTRICT, OVERLAND, MO.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 9P. PAPER  
PRESENTED AT ANNUAL MEETING OF THE  
NATIONAL ASSOCIATION OF SECONDARY  
SCHOOL PRINCIPALS (ANAHEIM,  
CALIFORNIA, MARCH 18-22, 1972).

DESCRIPTORS - \*DEVELOPMENTAL  
PROGRAMS; \*VOCATIONAL DEVELOPMENT;  
\*VOCATIONAL PROGRAMS; PROGRAM  
DESCRIPTIONS; SECONDARY GRADES  
IDENTIFIERS - \*CAREER EXPLORATION;  
\*RITENOUR SCHOOL DISTRICT

ABSTRACT - THIS DOCUMENT CONTAINS  
A DESCRIPTION OF A VOCATIONAL  
PROGRAM DESIGNED FOR DISADVANTAGED  
STUDENTS IN GRADES 8, 9, AND 10 IN  
THE RITENOUR SCHOOL DISTRICT. THE  
OBJECTIVES OF THE PROGRAM ARE TO  
PROVIDE EXPERIENCES WHICH WILL  
SERVE TO: (1) IMPROVE THE PUPIL'S  
CONFIDENCE IN HIS ABILITY TO  
SUCCEED IN SCHOOL, (2) GIVE THE  
PUPIL A FEELING OF ACHIEVEMENT  
THAT RELATED WHAT HE IS DOING IN  
SCHOOL TO WHAT HE WILL BE DOING IN  
THE FUTURE, AND (3) MAKE THE PUPIL  
CONFIDENT THAT HE HAS A MEASURE OF  
CONTROL OVER HIS DESTINY.  
SPECIFICALLY, THE PROGRAM SEEKS TO  
ENABLE THE STUDENT TO DO ONE OF  
FOUR THINGS UPON HIS COMPLETION:  
(1) ENTER A TECHNICAL HIGH SCHOOL,  
(2) ENTER THE COOPERATIVE  
OCCUPATIONAL EDUCATION PROGRAM AT  
RITENOUR SENIOR HIGH SCHOOL, (3)  
ENTER THE REGULAR ACADEMIC PROGRAM  
AT RITENOUR SENIOR HIGH SCHOOL, OR  
(4) ENTER AN OCCUPATIONAL FIELD OR  
THE ARMED SERVICES. OTHER CONTENTS  
INCLUDE OVERVIEWS OF THE  
FOLLOWING: (1) INSTRUCTIONAL  
INFORMATION, (2) OPERATION  
PROCEDURE, (3) GRADING, (4)  
PERSONNEL ON STAFF, (5) STUDENT  
INFORMATION, (6) PROCEDURES FOR  
FOLLOW UP OF STUDENTS, AND (7)  
STUDENT ASSESSMENT MEASURES. (SN)

**VT 100 353**  
PRICE, SAMUEL T.; HAIN, J. WILLARD  
A REPORT OF A STUDY TO DETERMINE  
THE DEGREE TO WHICH THE PHYSICAL  
FACILITIES CURRENTLY BEING USED TO  
HOUSE APPROVED VOCATIONAL-  
TECHNICAL EDUCATION PROGRAMS IN  
ILLINOIS ARE ADEQUATE TO MEET THE  
NEEDS OF HANDICAPPED STUDENTS WHO  
WISH TO ENROLL.

MID STATE EDUCATIONAL CONSULTANTS,  
NORMAL, ILL.  
ILLINOIS STATE ADVISORY COUNCIL ON  
VOCATIONAL EDUCATION, SPRINGFIELD.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - AUG72 95P.

DESCRIPTORS - \*ADVISORY  
COMMITTEES; \*FACILITY INVENTORY;  
\*PHYSICALLY HANDICAPPED; \*PROGRAM  
EVALUATION; \*VOCATIONAL EDUCATION;  
AREA VOCATIONAL SCHOOLS; HIGH  
SCHOOLS; POST SECONDARY EDUCATION  
IDENTIFIERS - ILLINOIS

ABSTRACT - THIS DOCUMENT REPORTS  
OF AN INVESTIGATION CONDUCTED BY  
THE ILLINOIS ADVISORY COUNCIL ON  
VOCATIONAL AND TECHNICAL EDUCATION  
TO ASSESS THE ADEQUACY OF PHYSICAL  
FACILITIES CURRENTLY BEING USED TO  
HOUSE VOCATIONAL AND TECHNICAL  
EDUCATION PROGRAMS FOR HANDICAPPED  
STUDENTS AT THE HIGH SCHOOL AND  
POST HIGH SCHOOL LEVELS. FIELD  
SURVEYS WERE USED TO MAKE THE  
ASSESSMENTS. THE GENERAL FINDING  
AND CONCLUSION OF THE STUDY WAS  
THAT VOCATIONAL FACILITIES FOR THE  
HANDICAPPED IN THE STATE WERE  
GENERALLY INADEQUATE; THEREFORE,  
THERE ARE HUNDREDS OF HANDICAPPED  
STUDENTS WHO COULD BE EXPECTED TO  
ENROLL IN VOCATIONAL PROGRAMS IF  
THE SCHOOL FACILITIES COULD  
ACCOMMODATE THEIR NEEDS. (SN)

**VT 100 354**  
DUBIN, ROBERT; CHAMPOUX, JOSEPH E.  
CENTRAL LIFE INTERESTS AND  
ORGANIZATIONAL COMMITMENT OF BLUE-  
COLLAR AND CLERICAL WORKERS.  
INDIVIDUAL-ORGANIZATIONAL  
LINKAGES.

CALIFORNIA UNIV., IRVINE, GRADUATE  
SCHOOL OF ADMINISTRATION,  
OFFICE OF NAVAL RESEARCH,  
WASHINGTON, D.C. PERSONNEL AND  
TRAINING RESEARCH PROGRAMS OFFICE.  
MF AVAILABLE IN VT-ERIC SET.  
TR-15  
PUB DATE - MAY73 31P.

DESCRIPTORS - \*INTEREST RESEARCH;  
\*LABOR FORCE; \*ORGANIZATIONS  
(GROUPS); BLUE COLLAR OCCUPATIONS;  
CLERICAL OCCUPATIONS; INTERESTS;  
MALES; RESEARCH; WORKING WOMEN  
IDENTIFIERS - \*CENTRAL LIFE INTERE

ABSTRACT - THIS REPORT CONTAINS  
THE FINDINGS OF A STUDY CONDUCTED  
TO MEASURE THE CENTRAL LIFE  
INTERESTS (CLI) OF MALE BLUE  
COLLAR AND FEMALE CLERICAL WORKERS  
WITH THEIR OVERALL COMMITMENT TO  
THEIR EMPLOYING ORGANIZATION AND  
THEIR ATTRACTION TO TWELVE OF ITS  
FEATURES. DATA FOR THE STUDY WERE  
OBTAINED FROM QUESTIONNAIRES  
DISTRIBUTED TO 409 EMPLOYEES IN 37  
BRANCHES OF A BANK, AND 605  
EMPLOYEES FROM ONE DIVISION OF A  
TELEPHONE COMPANY ALL LOCATED  
WITHIN THE STATE OF CALIFORNIA.  
FINDINGS INCLUDED: (1) WORKERS  
WITH A CLI IN WORK WERE MUCH MORE  
HIGHLY COMMITTED TO THEIR

ORGANIZATION THAN THOSE WITH A CLI IN NON-WORK INSTITUTION, WHILE THOSE WITH NO PREFERENCE IN CLI GAVE NO SPECIAL EMPHASIS TO THE LEVEL OF THEIR ORGANIZATIONAL COMMITMENT, (2) AMONG INDIVIDUAL FEATURES OF THE ORGANIZATION THAT ATTRACTED WORKERS MOST WERE REPUTATION, VALUES, AND OVERALL EFFECTIVENESS OF THE ORGANIZATION, (3) AMONG WORKERS WITH A WORK-ORIENTED CLI, THE ORIENTATION PROVIDED A HALO EFFECT THAT LED THEM TO FIND FEATURES OF THE WORK ORGANIZATION MORE ATTRACTIVE THAN DID WORKERS WITH A NON-WORK CLI OR THOSE WORKERS WITH NO PREFERENCE IN CLI, AND (4) NEITHER FELLOW WORKERS NOR PAY PROSPECTS BORE ANY SIGNIFICANT RELATIONSHIPS TO CLI ORIENTATION. (SN)

VT 100 355  
SUPERINTENDENT'S GUIDE TO CAREER DEVELOPMENT: GOVERNOR'S SPECIAL CONFERENCE ON CAREER DEVELOPMENT.

GEORGIA STATE DEPT. OF EDUCATION,  
MF AVAILABLE IN VT-ERIC SET.  
OCCUPATIONAL RESEARCH COORDINATING UNIT, STATE DEPT. OF EDUCATION,  
STATE OFFICE BUILDING, ATLANTA, GA 30334  
PUB DATE - OCT72 33P. CONFERENCE HELD IN MACON, GEORGIA, OCTOBER 11-12, 1972.

DESCRIPTORS - \*ADMINISTRATOR GUIDES; \*CAREER EDUCATION; \*PROGRAM ADMINISTRATION; \*VOCATIONAL DEVELOPMENT; PROGRAM PLANNING; VOCATIONAL EDUCATION IDENTIFIERS - \*SUPERINTENDENTS GUI

ABSTRACT - THIS GUIDE WAS DEVELOPED TO PROVIDE THE SCHOOL SUPERINTENDENT WITH EXISTING INFORMATION ON CAREER EDUCATION AND ITS RELATIONSHIP TO CAREER DEVELOPMENT AND SUGGEST WAYS OF IMPLEMENTING SUCH A PROGRAM. SPECIFIC CONTENTS OF THE GUIDE BY CHAPTER INCLUDE: (1) CAREER EDUCATION: WHAT IS IT? (2) CAREER EDUCATION: WHAT ADVANTAGES DOES IT HAVE? (3) CAREER EDUCATION: WHAT IS AN OPERATIONAL PROGRAM? AND (4) CAREER EDUCATION: HOW DOES ONE BEGIN? ALSO CONTAINED ARE A BRIEF SUMMARY OF OPERATIONAL SUGGESTIONS ADDRESSED TO THE SUPERINTENDENT ALONE AND AN APPENDIX LISTING CAREER EDUCATION MATERIALS WHICH HAVE BEEN DEVELOPED SPECIFICALLY FOR PROGRAMS IN GEORGIA. (SN)

VT 100 356  
AN ANALYSIS OF VOCATIONAL-TECHNICAL OFFERINGS IN SIX ILLINOIS COMMUNITY COLLEGES.

ILLINOIS UNIV., URBANA. TECHNICAL EDUCATION RESEARCH CENTER.  
ILLINOIS STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, SPRINGFIELD.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JUN71 69P.

DESCRIPTORS - \*ADVISORY COMMITTEES; \*COMMUNITY COLLEGES; \*PROGRAM EVALUATION; \*VOCATIONAL EDUCATION; COST EFFECTIVENESS; POST SECONDARY EDUCATION IDENTIFIERS - \*ILLINOIS

ABSTRACT - THIS DOCUMENT CONTAINS A SUMMARY OF THE INVESTIGATIVE PROCEDURES AND FINDINGS OF THE ILLINOIS ADVISORY COUNCIL ON VOCATIONAL AND TECHNICAL EDUCATION. EVALUATED WERE THE PROGRAM OFFERINGS OF A RANDOMLY SELECTED NUMBER OF COMMUNITY COLLEGES IN THE ILLINOIS SYSTEM. SPECIFIC CONTENTS OF THE REPORT BY SECTION INCLUDE: (1) AN OVERVIEW OF THE PROJECT, (2) A SUMMARY OF EVALUATIVE RESPONSES GIVEN BY CONSULTANTS, (3) A COMPARISON OF RATINGS GIVEN TO ALL CRITERIA AT EACH COLLEGE, (4) A REVIEW OF THE METHODOLOGY USED, AND (5) RECOMMENDATIONS FOR FUTURE EVALUATIONS. (SN)

VT 100 357  
ANNUAL EVALUATION REPORT, FY 1971. ILLINOIS STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION.

ILLINOIS STATE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, SPRINGFIELD  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JAN72 23P.

DESCRIPTORS - \*ADVISORY COMMITTEES; \*COST EFFECTIVENESS; \*VOCATIONAL EDUCATION; ANNUAL REPORTS; AREA VOCATIONAL SCHOOLS; HIGH SCHOOLS; POST SECONDARY EDUCATION; PROGRAM EFFECTIVENESS IDENTIFIERS - \*ILLINOIS

ABSTRACT - THIS REPORT SUMMARIZES THE PROCEEDINGS, CONCLUSIONS, AND RECOMMENDATIONS OF THE ILLINOIS VOCATIONAL ADVISORY COUNCIL FOR THE 1971 FISCAL YEAR. THE EVALUATION FOCUSED ON: (1) THE ADEQUACY OF THE STATE'S GOALS AND PRIORITIES AS SET FORTH IN THE STATE PLAN, (2) THE EFFECTIVENESS WITH WHICH PEOPLE AND THEIR NEEDS WERE BEING SERVED WITHIN THE STATE, AND (3) THE EXTENT TO WHICH COUNCIL RECOMMENDATIONS RECEIVED DUE CONSIDERATION. CONCLUSIVE FINDINGS OF THE INVESTIGATION REVEALED INADEQUACIES IN THE REALIZATION OF THE OBJECTIVES. THOSE HIGHLIGHTS AS WELL AS RECOMMENDATIONS OF THE COUNCIL ARE INCLUDED IN THE DOCUMENT. (SN)

VT 100 358  
PRE-OCCUPATIONAL EDUCATION FOR THE RURAL-ORIENTED: ST. LANDRY PARISH PLAN. FINAL REPORT.

SAINT LANDRY PARISH SCHOOL BOARD,

OPELOUSAS, LA.  
OFFICE OF EDUCATION (DHEW), WASHIN  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 66P.

DESCRIPTORS - \*EDUCATIONAL  
FACILITIES; \*PROGRAM DESCRIPTIONS;  
\*RURAL SCHOOLS; \*SECONDARY GRADES;  
\*VOCATIONAL EDUCATION; COURSE  
CONTENT; COURSE OBJECTIVES; RURAL  
EDUCATION  
IDENTIFIERS - \*SAINT LANDRY PARISH  
VOCATIONAL EDUCATIONAL SCHOOL;  
ELEMENTARY SECONDARY EDUCATION ACT  
TITLE III; SEA TITLE III

ABSTRACT - A PROGRAM OF VOCATIONAL  
TRAINING IN A RURAL SCHOOL  
DISTRICT IS DESCRIBED AT THE CLOSE  
OF ITS THIRD YEAR. THE PROGRAM  
PROVIDED INCREASED VOCATIONAL  
EDUCATIONAL FACILITIES FOR COURSES  
IN OFFICE, ELECTRICITY, MECHANICS,  
AIR CONDITIONING AND  
REFRIGERATION, FOOD SERVICES,  
CONSTRUCTION, WELDING, AND  
DRAFTING. LOCAL EMPLOYERS'  
REACTIONS, AND THE COMMUNITY'S  
RESPONSE TO THE PROGRAM AND  
EXPECTATIONS FOR ITS FUTURE ARE  
NARRATED. CHARTS PROVIDE  
INFORMATION ON THE STATUS OF  
GRADUATING SENIORS. MANY  
INFORMATION AND WORKING FORMS USED  
IN THE OPERATION AND A  
CONSIDERABLE AMOUNT OF PROMOTIONAL  
MATERIAL ARE INCLUDED. (MU)

VT 100 359  
HOOPER, WILLIAM F.  
RESEARCH PROJECT IN VOCATIONAL  
EDUCATION; FINAL REPORT, FOR  
PERIOD JULY 1972-MAY 1973.

LEFLORE COUNTY SCHOOL DISTRICT,  
GREENWOOD, MISS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 1JUN73 114P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*INTEGRATED CURRICULUM;  
\*OCCUPATIONAL GUIDANCE;  
\*OCCUPATIONAL COUNSELING;  
\*VOCATIONAL EDUCATION; CAREERS;  
DEVELOPMENTAL GUIDANCE;  
OCCUPATIONAL INFORMATION

ABSTRACT - SUMMARIZING THE GOALS,  
PROCEDURES, AND ACCOMPLISHMENTS OF  
AN ONGOING PROJECT FROM JULY 1972  
TO MAY 1973, THIS REPORT  
RECOMMENDS THAT OTHER SCHOOLS  
IMPLEMENT CAREER EDUCATION  
PROGRAMS AND PROVIDE TEACHER  
TRAINING AND FUNDS TO THAT END FOR  
EQUIPMENT, RESOURCE PERSONNEL, AND  
TRANSPORTATION COSTS. OBJECTIVES  
WERE DEVELOPED TO: (1) DEVELOP AND  
IMPLEMENT A CAREER EDUCATION  
PROGRAM AS AN INTEGRATED PART OF  
THE CURRICULUM, (2) INCORPORATE A  
PROGRAM OF GUIDANCE, COUNSELING,  
AND PLACEMENT, AND (3) PROVIDE  
STUDENTS WITH ENTRY LEVEL SKILLS  
OR BACKGROUND FOR COLLEGE ENTRY.

THE APPENDIX CONTAINS A LISTING OF  
PERSONNEL RESPONSIBILITIES, A  
SAMPLE OF LEARNING ACTIVITIES,  
EVALUATION FORMS, AND RESOURCE  
POSSIBILITIES. (MU)

VT 100 360  
CAREER DEVELOPMENT: INTENSIVE  
TRAINING PROGRAM. A HUMAN  
RESOURCES CAREER DEVELOPMENT MODEL  
FOR PAWTUCKET, RHODE ISLAND, IN  
CONJUNCTION WITH THE PAWTUCKET  
MODEL CITIES AGENCY.

PAWTUCKET CITY SCHOOL DEPT., R.I.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 1MAR72 80P.

DESCRIPTORS - \*ENTRY WORKERS;  
\*HIGH SCHOOL STUDENTS; \*JOB  
TRAINING; \*OFFICE OCCUPATIONS  
EDUCATION; \*VOCATIONAL EDUCATION;  
EVENING CLASSES; SKILL  
DEVELOPMENT; SMALL CLASSES  
IDENTIFIERS - \*PAWTUCKET SCHOOL  
DEPARTMENT; MODEL CITIES PROGRAM

ABSTRACT - THIS DOCUMENT REPORTS A  
PROGRAM OF SHORT INTENSIVE STUDIES  
TO PREPARE SECONDARY STUDENTS FOR  
IMMEDIATE EMPLOYMENT. THE COURSES  
WERE OFFERED AS VOLUNTARY EVENING  
OR SUMMER CLASSES OR ABOUT TWO  
WEEKS' DURATIONAL WITH THE NIGHT  
CLASSES RUNNING FROM 7:00 P. M. TO  
9:00 P. M. FOUR HOURS A WEEK.  
CLASSES IN TYPING, FILING, OFFICE  
MACHINES, ACCOUNTING, AND SELF  
CONCEPT, MAKING UP THE BUSINESS  
PROGRAM, WERE CONDUCTED IN SMALL  
GROUPS OF FOUR OR FIVE STUDENTS.  
COURSE CONTENTS, FIELD TRIPS, AND  
STUDENT AND TEACHER REACTIONS TO  
THE COURSES ARE NARRATED AND  
PROMOTIONAL MATERIALS AND FORMS  
USED ARE INCLUDED. RELATED  
DOCUMENTS ARE AVAILABLE AS VT 100  
297 - VT 100 299. (MU)

VT 100 361  
Dwyer, William A.  
A MASSACHUSETTS EXPERIMENT IN  
CAREER EDUCATION: THE MAVA-BLUE  
HILLS NETWORK MODEL.

BLUE HILLS REGIONAL TECHNICAL  
SCHOOL, CANTON, MASS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 19APR72 26P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*PROGRAM DESIGN; \*REGIONAL  
PROGRAMS; \*VOCATIONAL DEVELOPMENT;  
\*VOCATIONAL EDUCATION; EDUCATIONAL  
PHILOSOPHY; MODELS; SCHOOL  
DISTRICTS  
IDENTIFIERS - \*MAVA BLUE HILLS  
NETWORK MODEL; MASSACHUSETTS;  
RANDOLPH HIGH SCHOOL

ABSTRACT - THIS PAPER STATES THE  
SPECIFICS OF A MODEL WHICH SEEMS  
SUCCESSFUL IN INTRODUCING CAREER  
EDUCATION INTO A CURRICULUM. USED  
IN THE ONGOING PROGRAMS OF BLUE

HILLS REGIONAL SCHOOLS, THE ELEMENTS OF THE MODEL WERE ORIGINALLY CREATED BY VOCATIONAL-TECHNICAL EDUCATORS. THE MODEL DEFINES FOUR PROGRAMS IN TERMS OF STUDENT NEEDS: (1) SPECIFIC OCCUPATIONAL EDUCATION, (2) CAREER DEVELOPMENT, (3) COLLEGE PREPARATORY WITH CAREER DEVELOPMENT ELECTIVES, AND (4) COLLEGE PREPARATORY. A CASE STUDY, USING RANDOLPH HIGH SCHOOL AS AN EXAMPLE, EXPLAINS THE POSITION OF VOCATIONAL EDUCATION IN A CAREER EDUCATION CURRICULUM THROUGH THE SCHOOL'S PLANS, ADMINISTRATIVE ARRANGEMENTS, STAFF RELATIONSHIPS, AND CAREER DEVELOPMENT PROGRAM CONTENT. THE APPENDIX DESCRIBES THE CAREER LABORATORIES AT RANDOLPH HIGH SCHOOL. (MU)

VT 100 362  
ARIZONA SKILL CENTERS PLANNING  
III. FINAL REPORT.

FOUR CORNERS REGIONAL COMMISSION,  
FARMINGTON, N. MEX.; ARIZONA STATE  
DEPT. OF EDUCATION, PHOENIX. DIV.  
OF VOCATIONAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JAN73 37P.

DESCRIPTORS - \*AMERICAN INDIANS;  
\*RESERVATIONS (INDIAN);  
\*VOCATIONAL DEVELOPMENT;  
\*VOCATIONAL EDUCATION; \*WORK  
ATTITUDES; DISADVANTAGED GROUPS;  
JOB TRAINING; REHABILITATION  
CENTER; VOCATIONAL REHABILITATION  
IDENTIFIERS - \*GILA RIVER CAREER C

ABSTRACT - THESE PAPERS AND  
ACCOUNTS REPORT THE NEED,  
FINANCING, HISTORY, AND GOALS OF  
THE GILA RIVER CAREER CENTER, A  
TRAINING FACILITY OWNED BY THE  
GILA RIVER INDIAN TRIBE, OPERATED  
BY CENTRAL ARIZONA COLLEGE, AND  
INTENDED FOR THE USE OF STUDENTS  
FROM THE INDIAN RESERVATION,  
STUDENTS FROM PINAL COUNTY, AND  
APPLICANTS FROM OUTSIDE THE  
COUNTY. THE PURPOSE OF THE  
SCHOOLING IS TO PREPARE THE  
STUDENT FOR EMPLOYMENT AND FOR  
ADEQUATE PERFORMANCE ON THE JOB.  
BUDGET BREAKDOWN, FINANCIAL  
OBJECTIVES, AND RECOMMENDED  
POLICIES FOR OPERATIONS ARE MADE.  
THE APPENDIX LISTS SOME OF THE  
PROBLEMS ENCOUNTERED BY THE  
STUDENTS JOB INFORMATION REQUESTED  
BY ENROLLEES, AND SOME OF THEIR  
QUESTIONS AND ANSWERS IN THEIR  
ROUND-TABLE DISCUSSIONS. (MU)

VT 100 363  
CAREER EDUCATION IN ARKANSAS.

ARKANSAS STATE DEPT. OF EDUCATION,  
LITTLE ROCK. DIV. OF VOCATIONAL,  
TECHNICAL AND ADULT EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JUL72 15P.

DESCRIPTORS - \*CAREER EDUCATION;  
DEVELOPMENTAL PROGRAMS; PILOT  
PROJECTS; PROGRAM DEVELOPMENT;  
VOCATIONAL COUNSELING  
IDENTIFIERS - \*ARKANSAS

ABSTRACT - CAREER EDUCATION HAS  
RECEIVED WIDESPREAD ATTENTION AS  
AN EVOLUTIONARY APPROACH TO  
PROVIDE THE KIND OF EDUCATIONAL  
EXPERIENCES NEEDED FOR ALL  
INDIVIDUALS TO FUNCTION AS USEFUL  
AND PRODUCTIVE CITIZENS. THIS  
REPORT IS AN ATTEMPT TO VIEW THE  
BROAD ASPECT OF CAREER EDUCATION  
AND TO THEN RELATE THE EFFORTS  
BEING MADE IN ARKANSAS THROUGH  
VOCATIONAL EDUCATION. THE FOUR  
MODELS OF CAREER EDUCATION ARE  
BRIEFLY DEFINED AND THE  
DIFFERENTIATION OF CAREER  
EDUCATION FROM VOCATIONAL  
EDUCATION IS EXPLAINED, WITH THE  
INTEGRATION OF VOCATIONAL  
EDUCATION IN A TOTAL CAREER  
EDUCATION SYSTEM. COMPONENTS OF  
CAREER EDUCATION IN ARKANSAS ARE  
PRESENTED, ALONG WITH APPROXIMATE  
OPERATING COSTS, ESTIMATED NUMBER  
OF STUDENTS TO BE IN THE PROGRAMS,  
AND THE 1972 ENROLLMENTS IN  
VOCATIONAL EDUCATION. (MF)

VT 100 364  
MORRISON, F.C.; WHITMER, H.J.  
1966-1969 FOLLOWUP STUDY. FINAL RE

WABASH CAREER CENTER, WABASH, IND.  
INDIANA STATE DEPT. OF PUBLIC  
INSTRUCTION, INDIANAPOLIS. DIV. OF  
VOCATIONAL EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAR73 25P.

DESCRIPTORS - \*FOLLOWUP STUDIES;  
\*GRADUATE SURVEYS; \*VOCATIONAL  
FOLLOWUP; \*VOCATIONAL SCHOOLS; JOB  
SATISFACTION; PROGRAM  
EFFECTIVENESS  
IDENTIFIERS - \*INDIANA

ABSTRACT - A FOLLOWUP STUDY OF  
FORMER STUDENTS OF UPPER WABASH  
VOCATIONAL SCHOOL, SERVING FIVE  
SCHOOL CORPORATIONS IN INDIANA,  
WAS CONDUCTED TO COLLECT  
INFORMATION WHICH COULD BE USED TO  
EVALUATE THE EFFECTIVENESS OF THE  
SCHOOL'S JOB TRAINING PROCESS AN  
PRODUCT. RESULTS FROM THE  
APPROXIMATELY 60 PERCENT RETURN OF  
580 QUESTIONNAIRES ARE TABULATED  
BY CLASS (1966 THROUGH 1969) AND  
BY OCCUPATIONAL PROGRAM. ANALYSIS  
OF THE DATA INDICATES THAT THE  
SCHOOL IS MEETING THE NEEDS OF THE  
COMMUNITY, AS ALMOST 80 PERCENT OF  
THE GRADUATES WERE EMPLOYED WITHIN  
A 50-MILE RADIUS OF THE SCHOOL AND  
ALMOST 60 PERCENT IN AREAS  
DIRECTLY OR CLOSELY RELATED TO  
THEIR AREA OF TRAINING. IT IS  
RECOMMENDED THAT SCHOOL OFFICIALS  
CONTINUE TO ANALYZE THE DATA FROM

THIS STUDY FOR POSSIBLE CURRICULUM MODIFICATIONS, VOCATIONAL COUNSELING, AND ADDITIONAL EQUIPMENT AND FACILITIES. (MF)

VT 100 365

CRITTENDEN, JOHN F.  
A PILOT PROJECT FOR INTEGRATED CURRICULUM DEVELOPMENT AND IN-SERVICE TRAINING FOR SELECTED STAFF MEMBERS OF THREE VOCATIONAL SCHOOLS. FINAL REPORT.

FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE, DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 28P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CURRICULUM DEVELOPMENT;  
\*INSERVICE TEACHER EDUCATION;  
\*INTEGRATED CURRICULUM;  
\*VOCATIONAL SCHOOLS; COURSE OBJECTIVES; PILOT PROJECTS; TASK ANALYSIS  
IDENTIFIERS - FLORIDA

ABSTRACT - CURRICULUM DIRECTORS IN THREE FLORIDA EXEMPLARY VOCATIONAL CENTERS IDENTIFIED CERTAIN STAFF MEMBERS IN VOCATIONAL AND ACADEMIC AREAS TO BEGIN CURRICULUM DEVELOPMENT ACCORDING TO MODEL SPECIFICATIONS. A CURRICULUM DEVELOPMENT MODEL, DESCRIBED IN THE APPENDIX, UTILIZED JOB REQUIREMENTS AS THE BASE FOR MAKING CURRICULAR DECISIONS. INSERVICE EDUCATION ACTIVITIES WERE CONDUCTED TO TRAIN TEACHERS IN COMPETENCIES NECESSARY FOR THE DEVELOPMENT OF AN INTEGRATED ACADEMIC-VOCATIONAL CURRICULUM, INCLUDING LISTING OF JOB ENTRIES FOR VOCATIONAL AREAS, PREPARING JOB DESCRIPTIONS AND TASK ANALYSES, AND DEVELOPING A COMPLETE LEARNING ACTIVITY PACKAGE WITH INTEGRATED ACADEMIC-VOCATIONAL OBJECTIVES. AS A RESULT, CURRICULUM DEVELOPMENT AS SPECIFIED IN TASKS ASSIGNED WAS COMPLETED IN TEN VOCATIONAL AREAS AND A COMPLETED CURRICULUM WAS DEVELOPED IN THREE VOCATIONAL AREAS. OTHER RESULTS, CONCLUSIONS, AND RECOMMENDATIONS ARE DETAILED IN THE REPORT. (AUTHOR/MF)

VT 100 366

A SPECIAL SUMMARY SURVEY OF ASPECTS OF THE COCKE COUNTY, TENNESSEE SCHOOLS.

TENNESSEE UNIV., KNOXVILLE, BUREAU OF EDUCATION RESEARCH AND SERVICE.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 208P.

DESCRIPTORS - \*COUNTY SCHOOL SYSTEMS; \*SCHOOL SURVEYS; EDUCATIONAL FACILITIES; EDUCATIONAL PROGRAMS; ENROLLMENT PROJECTIONS; SCHOOL

ADMINISTRATION; SCHOOL FUNDS;  
SPACE UTILIZATION  
IDENTIFIERS - COCKE COUNTY; TENNESSEE

ABSTRACT - THIS REPORT PRESENTS A SURVEY OF THE SCHOOLS IN COCKE COUNTY, TENNESSEE BASED ON PAST SURVEYS, STATISTICAL RECORDS, INTERVIEWS, AND SITE VISITATIONS. MAJOR SECTIONS OF THE SURVEY COVER FINANCE AND BUSINESS MANAGEMENT, EDUCATIONAL PROGRAMS, VOCATIONAL EDUCATION, INSTRUCTIONAL SPACES IN SCHOOL BUILDINGS, AND PERSONNEL. ADDITIONAL POPULATION PROJECTIONS AND GENERAL INSPECTION FORMS ARE APPENDED. RECOMMENDATIONS ARE DETAILED FOR SCHOOL ORGANIZATION, MAINTENANCE, EXPANSION, AND PROGRAM IMPROVEMENT, INCLUDING A CAREER EDUCATION FORMAT TO PROVIDE UNIFICATION OF THE TOTAL EDUCATIONAL ENTERPRISE. FUTURE NEEDS OF COCKE COUNTY SCHOOLS BY SCHOOL ARE TABULATED IN ADDITION TO THE SURVEY DATA. (MF)

VT 100 367

PAULSEN, G. AND OTHERS  
DEVELOPMENT OF NEW VOCATIONAL HEALTH CURRICULUM THROUGH LADDER, LATTICE CONCEPTS. FINAL RESEARCH PROJECT.

DICKINSON PUBLIC SCHOOL DISTRICT 1 NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK. RESEARCH COORDINATING UNIT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 72 220P.

DESCRIPTORS - \*CAREER LADDERS;  
\*CORE CURRICULUM; \*NURSES AIDES;  
\*NURSING; \*PRACTICAL NURSES;  
COURSE CONTENT; COURSE OBJECTIVES;  
CURRICULUM DEVELOPMENT; POST SECONDARY EDUCATION; SECONDARY GRADES  
IDENTIFIERS - NORTH DAKOTA

ABSTRACT - ON THE ASSUMPTION THAT THERE IS A CORE OF NURSING WHICH IS PRACTICED BY EVERY NURSE REGARDLESS OF THE TYPE OF PROGRAM IN WHICH PRESERVICE EDUCATION WAS RECEIVED, THIS CORE IS APPLICABLE IN ONE-YEAR PROGRAMS AS WELL AS IN ASSOCIATE DEGREE AND BACCALAUREATE PROGRAMS AND CAN BE THE CONTENT OF THE FIRST RUNG OF THE LADDER IN NURSING EDUCATION. A PROPOSED TWO-YEAR CORE CURRICULUM IN NURSING IS OUTLINED IN THIS DOCUMENT. THE CURRICULUM IS DESIGNED SO THAT THE HIGH SCHOOL STUDENT MAY FUNCTION AS A NURSE AIDE AFTER COMPLETION OF ONE QUARTER. AFTER FOUR QUARTERS, THE STUDENT IS ELIGIBLE TO APPLY FOR THE PRACTICAL NURSE LICENSING EXAMINATION. THE SECOND YEAR CURRICULUM WILL CONTINUE NURSING EDUCATION TO PREPARE THE PRACTICAL NURSE FOR THE REGISTERED NURSE EXAMINATION. THE DOCUMENT ALSO CONTAINS PLANNING AND

IMPLEMENTATION EFFORTS AND OTHER CAREER LADDER NURSING PROGRAMS AT SEVERAL STATE JUNIOR AND COMMUNITY COLLEGES. (MF)

VT 100 368  
BROCK, JULIAN, AND OTHERS  
ATLANTA JOBS FOR THE FUTURE:  
INDUSTRIES AND OCCUPATIONS: 1960-  
1970-1980. INTERIM REPORT.

GEORGIA STATE DEPT. OF LABOR,  
ATLANTA. EMPLOYMENT SECURITY  
AGENCY.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 97P.

DESCRIPTORS - \*EMPLOYMENT  
PROJECTIONS; \*EMPLOYMENT  
STATISTICS; \*LABOR FORCE;  
\*MANPOWER NEEDS; \*OCCUPATIONAL  
SURVEYS; EMPLOYMENT TRENDS;  
METROPOLITAN AREAS  
IDENTIFIERS - \*ATLANTA

ABSTRACT - MANPOWER FORECASTS FOR THE ATLANTA STANDARD METROPOLITAN STATISTICAL AREA ARE PRESENTED AS AN INTERIM REPORT BECAUSE THE DATA EITHER HAD TO BE PROJECTED FOR 1975 AND 1980 FROM PRELIMINARY ESTIMATES FOR 1970 OR BECAUSE IT WAS NOT AVAILABLE IN DETAIL. HIGHLIGHTS OF THE REPORT INCLUDE POPULATION AND CIVILIAN WORK FORCE, INDUSTRY EMPLOYMENT TRENDS, OCCUPATIONAL EXPANSION TRENDS, AND MANPOWER REQUIREMENTS. DATA ARE PRESENTED IN GRAPHIC, TABULAR, AND NARRATIVE FORMATS. PERIODIC SURVEYS OF EMPLOYERS ARE PLANNED TO OBTAIN OCCUPATIONAL EMPLOYMENT STATISTICS WHICH MIGHT BE USED TO DEVELOP A GEORGIA INDUSTRY-OCCUPATIONAL MATRIX. (MF)

VT 100 369  
VOCATIONAL EDUCATION IN GEORGIA:  
THIRD ANNUAL REPORT OF THE GEORGIA  
ADVISORY COUNCIL FOR VOCATIONAL  
EDUCATION.

GEORGIA STATE ADVISORY COUNCIL ON  
VOCATIONAL EDUCATION, ATLANTA.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - JAN73 18P.

DESCRIPTORS - \*ADVISORY  
COMMITTEES; \*PROGRAM EVALUATION;  
\*VOCATIONAL EDUCATION; ANNUAL  
REPORTS; AREA VOCATIONAL SCHOOLS;  
COST EFFECTIVENESS; HIGH SCHOOLS;  
POST SECONDARY EDUCATION; PROGRAM  
EFFECTIVENESS  
IDENTIFIERS - \*GEORGIA

ABSTRACT - THIS DOCUMENT REPORTS THE RECOMMENDATIONS AND FINDINGS OF THE GEORGIA ADVISORY COUNCIL ON VOCATIONAL AND TECHNICAL EDUCATION FOR THE 1972 YEAR. DATA UPON WHICH RECOMMENDATIONS WERE FORMULATED WERE BASED ON COUNCIL OBSERVATIONS, REGIONAL HEARINGS CONDUCTED DURING THE YEAR, STATE

DEPARTMENT OF EDUCATION REPORTS,  
AND THE RESULTS OF A FOLLOW-UP  
STUDY OF STUDENTS WHO HAD  
COMPLETED POST-SECONDARY  
VOCATIONAL EDUCATION PROGRAMS. A  
BRIEF SUMMARY OF THE ACTION TAKEN  
ON THE PREVIOUS YEAR'S  
RECOMMENDATIONS IS ALSO INCLUDED.  
(SN)

VT 100 370  
PILOT PROGRAMS IN OFF-FARM  
AGRICULTURAL OCCUPATIONS.

SOUTH DAKOTA STATE UNIV.,  
BROOKINGS. AGRICULTURAL EXPERIMENT  
STATION.  
MF AVAILABLE IN VT-ERIC SET.  
BULL-612  
PUB DATE - MAY73 20P.

DESCRIPTORS - \*EDUCATIONAL  
RESEARCH; \*OFF FARM AGRICULTURAL  
OCCUPATIONS; \*PILOT PROJECTS;  
\*VOCATIONAL AGRICULTURE;  
VOCATIONAL EDUCATION  
IDENTIFIERS - SOUTH DAKOTA

ABSTRACT - THIS DOCUMENT REPORTS THE HIGHLIGHTS OF A STUDY CONDUCTED TO EXAMINE THE SLOW EMERGENCE OF OFF-FARM AGRICULTURAL PROGRAMS IN VOCATIONAL AGRICULTURE IN SOUTH DAKOTA. DATA WERE OBTAINED THROUGH THE USE OF QUESTIONNAIRES WHICH WERE DISTRIBUTED TO 64 SCHOOLS OFFERING VOCATIONAL AGRICULTURE DURING THE 1970-71 SCHOOL YEAR. AN ANALYSIS OF THE FINDINGS REVEALED THAT: (1) LESS THAN 55 INSTRUCTORS PLACED NO STUDENTS OFF-FARM, WHILE AS MANY AS 143 STUDENTS WERE REPORTED AS PLACED IN OFF-FARM OCCUPATIONAL EXPERIENCE PROGRAMS, (2) MAJOR OBSTACLES TO ADDITIONAL WORK IN OFF-FARM AGRICULTURE WERE OTHER TIME COMMITMENTS, SCHOOL MASTER PROGRAMS, AND PROGRAM SUPPORT, AND (3) FAVORABLE ATTITUDES TOWARDS THE PROGRAM WERE GENERALLY HELD BY THE SUBJECTS SAMPLED. IMPLICATIONS OF THE DATA WERE CONSIDERED AND 12 RECOMMENDATIONS WERE MADE. (AUTHOR/SN)

VT 100 371  
TULLY, EDWARD L.  
MASSACHUSETTS REHABILITATION  
COMMISSION'S JOB PLACEMENT  
INNOVATION.

MASSACHUSETTS STATE REHABILITATION  
COMMISSION, BOSTON.  
SOCIAL AND REHABILITATION SERVICE  
(DHEW), WASHINGTON, D.C. DIV. OF  
RESEARCH UTILIZATION.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - NOV72 99P.

DESCRIPTORS - \*DEMONSTRATION  
PROJECTS; \*JOB PLACEMENT;  
\*RESEARCH UTILIZATION; \*STATE  
AGENCIES; \*STAFF UTILIZATION;  
COMMUNITY RESOURCES; INFORMATION

UTILIZATION; INNOVATION  
IDENTIFIERS - \*RESEARCH  
UTILIZATION SPECIALIST;  
MASSACHUSETTS REHABILITATION  
COMMISSION

ABSTRACT - THIS INNOVATIVE JOB  
PLACEMENT PROJECT WAS UNDERTAKEN  
AS A SUB-PROJECT IN A 5-YEAR  
RESEARCH AND DEMONSTRATION GRANT  
TO TEST THE VALUE OF THE NEW  
POSITION OF RESEARCH UTILIZATION  
SPECIALIST AS A LINKING AGENT  
BETWEEN RESEARCH AND PRACTICE IN A  
STATE VOCATIONAL REHABILITATION  
AGENCY. THE PROJECT ENTAILED  
VOLUNTARY COLLABORATION OF STAFF  
IN GOAL SETTING, DIAGNOSIS OF THE  
PROBLEM, RETRIEVAL OF RESOURCES,  
WORKING OPENLY ON CONTINUOUS  
ANALYSIS AND FEEDBACK,  
DOCUMENTATION AND EVALUATION. THE  
FOCUS WAS ON DEVELOPMENT AND  
COORDINATION OF PLACEMENT  
RESOURCES AT THE DISTRICT OFFICE  
LEVEL: (1) ORGANIZING OCCUPATIONAL  
AND PLACEMENT INFORMATION, (2)  
COACHING NEW STAFF, (3) PROVIDING  
STAFF WITH OPPORTUNITIES TO SHARE  
IN PLANNING AND EVALUATING THEIR  
PLACEMENT ACTIVITIES, AND (4)  
LINKING THEM WITH CONSULTANTS FROM  
OTHER COMMUNITY PLACEMENT  
FACILITIES. (AUTHOR/MU)

VT 100 372  
CENTRAL AREA SCHOOLS OCCUPATIONAL  
DEVELOPMENT PROGRAM. SECOND YEAR  
INTERIM REPORT: EXEMPLARY PROJECT  
IN VOCATIONAL EDUCATION.

GARFIELD HIGH SCHOOL, SEATTLE, WA.  
BUREAU OF ADULT, VOCATIONAL, AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
OEG-0-71-1171(361)  
PUB DATE - DEC72 161P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*DEVELOPMENTAL PROGRAMS;  
\*INTEGRATED CURRICULUM; \*JOB  
TRAINING; \*PROGRAM DESCRIPTIONS;  
BEHAVIORAL OBJECTIVES; EDUCATIONAL  
OBJECTIVES; ELEMENTARY GRADES;  
SECONDARY GRADES  
IDENTIFIERS - \*SEATTLE; CAREER  
OPPORTUNITIES PROGRAM; GARFIELD  
HIGH SCHOOL

ABSTRACT - THE CAREER  
OPPORTUNITIES PROGRAM, ESTABLISHED  
IN SEATTLE'S GHETTO WAS FUNDED FOR  
THREE YEARS WITH THE PURPOSE OF  
TEACHING JOB ENTRY-LEVEL SKILLS  
AND KNOWLEDGE ABOUT THE WORLD OF  
WORK TO GARFIELD HIGH SCHOOL  
STUDENTS AS A REGULAR PART OF A  
COMPREHENSIVE SCHOOL CURRICULUM.  
DURING THE FIRST TWO YEARS OF ITS  
OPERATION, CAREER PROGRAMS IN FOOD  
EDUCATION, SERVICE STATION,  
CONSTRUCTION TECHNOLOGY, WELDING  
AND AUTOMOTIVE TECHNOLOGY WERE  
PLANNED AND APPROVED WITH THE HELP

OF ADVISORY COMMITTEES. ELEMENTARY  
AND MIDDLE SCHOOL CAREER PROGRAMS  
HAVE BEGUN TO INTRODUCE STUDENTS  
TO THE BUSINESS, INDUSTRIAL, AND  
PROFESSIONAL WORLDS. NOW THIS  
PROGRAM NEEDS: (1) CONTINUED  
FUNDING IN ACCORD WITH THE CAREER  
EDUCATION PHILOSOPHY EXPRESSED BY  
HEW, (2) FUNDING TO INCREASE  
ACTUAL WORK EXPERIENCE  
OPPORTUNITIES AND TO PLACE  
STUDENTS IN COMPLEMENTARY TRAINING  
FACILITIES FOR SPECIALIZED FIELDS,  
AND (3) FUNDING TO ASSESS THE  
WORTH OF CAREER EDUCATION. THE  
TIME PERIOD COVERED BY THIS REPORT  
IS FROM DECEMBER 1971 TO DECEMBER  
1972. (AUTHOR/MU)

VT 100 373  
PENN, WILLIAM W.  
APPRENTICESHIP, EDUCATION, AND  
WORK: A RESOURCE DOCUMENT.

PITTSBURGH PUBLIC SCHOOLS, PA.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 69 61P.

DESCRIPTORS - \*APPRENTICESHIPS;  
\*EDUCATIONAL OPPORTUNITIES;  
\*INDUSTRIAL TRAINING; \*TRADE AND  
INDUSTRIAL EDUCATION; \*YOUTH  
OPPORTUNITIES; WORK EXPERIENCE  
PROGRAMS  
IDENTIFIERS - \*PITTSBURGH PUBLIC S

ABSTRACT - THIS DOCUMENT REPORTS  
THE STATUS OF APPRENTICE PROGRAMS  
IN THE PITTSBURGH AREA AND THE  
ROLE OF THE PITTSBURGH PUBLIC  
SCHOOLS IN RELATION TO THEM. IT  
PROVIDES INFORMATION ON STANDARDS,  
STATISTICS, SCHOOL PROGRAMS, AND  
OPPORTUNITIES FOR PITTSBURGH  
PUBLIC SCHOOL GRADUATES TO ENTER  
APPRENTICESHIP PROGRAMS IN THE  
AREA. INFORMATION HAS BEEN  
OBTAINED FROM SEVERAL SOURCES: (1)  
OFFICE OF APPRENTICESHIP  
INFORMATION, (2) BUREAU OF  
APPRENTICESHIP AND TRAINING, (3)  
BUILDING AND CONSTRUCTION TRADES  
COUNCIL OF PITTSBURGH, (4)  
ALLEGHENY COUNTY BOARD OF HEALTH,  
(5) CITY OF PITTSBURGH-BUILDING  
INSPECTION DEPARTMENT, (7) A  
SAMPLING OF MAJOR INDUSTRIAL  
EMPLOYERS, AND (8) PUBLICATIONS  
AND POSITION PAPERS. EIGHT TABLES  
PRESENT THE DATA. THE APPENDIX  
PROVIDES A LIST OF APPRENTICESHIP  
PROGRAM SPONSORS AND ONE OF CRAFT  
UNION. (MU)

VT 100 374  
COMPREHENSIVE CAREER PLANNING  
SYSTEM: INTERIM REPORT.

ROCKFORD PUBLIC SCHOOLS 205, ILL.  
BUREAU OF ADULT, VOCATIONAL, AND  
TECHNICAL EDUCATION (DHEW/OE),  
WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
OEG-0-72  
PUB DATE - 73 76P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CAREER PLANNING; \*COMPUTER  
ORIENTED PROGRAMS; \*GUIDANCE  
COUNSELING; \*VOCATIONAL  
COUNSELING; COMPUTER STORAGE  
DEVICES; ELEMENTARY SCHOOL  
STUDENTS; PROGRAM EVALUATION;  
SECONDARY SCHOOL STUDENTS  
IDENTIFIERS - \*COMPUTERIZED  
VOCATIONAL INFORMATION SYSTEM;  
CVIS; ROCKFORD SCHOOL DISTRICT

ABSTRACT - AN EXEMPLARY PROJECT IN  
THE ROCKFORD, ILLINOIS SCHOOLS IS  
REPORTED FOR THE PERIOD OF MARCH  
1972 TO MARCH 1973. OBJECTIVES,  
PROCEDURES, AND ACCOMPLISHMENTS  
ARE RECOUNTED AND THE REPORT OF AN  
EVALUATION TEAM FROM THE  
UNIVERSITY OF WISCONSIN IS  
INCLUDED. THE PROGRAM IS DESIGNED  
TO ENHANCE THE OVERALL GUIDANCE  
COUNSELING PROGRAM OF THE SCHOOL  
DISTRICT BY INVOLVING A CAREER  
PLANNING CURRICULUM AT THE  
ELEMENTARY LEVEL, INTEREST  
EXPLORATION IN THE MIDDLE SCHOOLS,  
AND A COMPREHENSIVE CAREER  
PLANNING RESOURCE. THE  
COMPUTERIZED VOCATIONAL  
INFORMATION SYSTEM (CVIS), AT THE  
HIGH SCHOOL LEVEL. THE APPENDIX  
PROVIDES COPIES OF THE EVALUATION  
DATA SHEETS. (AUTHOR/MU)

VT 100 375  
TREJ, JOHN  
VOCATIONAL EDUCATION FOLLOW-UP  
STUDY: VOCATIONAL-TECHNICAL  
GRADUATES OF THE NEBRASKA  
VOCATIONAL TECHNICAL SCHOOL. FINAL  
REPORT.

NEBRASKA TECHNICAL COLL., MILFORD.  
NEBRASKA OCCUPATIONAL NEEDS  
RESEARCH COORDINATING UNIT,  
LINCOLN.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 71 155P.

DESCRIPTORS - \*FOLLOWUP STUDIES;  
\*GRADUATE SURVEYS; \*VOCATIONAL  
EDUCATION; AREA VOCATIONAL  
SCHOOLS; USE STUDIES  
IDENTIFIERS - \*NEBRASKA

ABSTRACT - THIS DOCUMENT REPORTS  
THE FINDINGS OF A FOLLOW-UP STUDY  
OF GRADUATES OF THE NEBRASKA  
VOCATIONAL AND TECHNICAL SCHOOL  
FOR THE PERIOD FROM 1965 THROUGH  
1969. THE PURPOSES OF THE STUDY  
WERE FOUR-FOLD: (1) TO ASSIST  
ADMINISTRATORS IN ACCOMPLISHING  
LONG-RANGE PLANNING FOR CURRICULUM  
DEVELOPMENT AND IMPROVEMENT, (2)  
TO PROVIDE PERTINENT INFORMATION  
RELEVANT TO IMPROVING THE GUIDANCE  
FACILITIES AT THE SCHOOL, (3) TO  
PROVIDE DATA THAT WILL FOSTER AND  
STIMULATE FURTHER RESEARCH FOR THE  
INSTITUTION, AND (4) TO PROVIDE  
PERTINENT DATA FOR THOSE  
RESPONSIBLE FOR EDUCATION IN THE

SPECIFIC TRADES AND TECHNOLOGY  
AREAS SO AS TO AID THEM IN  
PLANNING PROGRAMS WHICH ARE  
RELEVANT TO THE NEEDS OF THE  
STUDENTS ENROLLED IN THOSE  
PROGRAMS. RECOMMENDATIONS BASED ON  
THE FINDINGS OBTAINED ARE INCLUDED  
IN THE CONTENTS. (SN)

VT 100 376  
BICE, GARRY R., AND OTHERS  
CAREER EDUCATION AND THE SCHOOL  
COUNSELOR IN TENNESSEE.

TENNESSEE UNIV., KNOXVILLE,  
TENNESSEE RESEARCH COORDINATING  
UNIT.; TENNESSEE STATE DEPT. OF  
EDUCATION, NASHVILLE. DIV. OF  
VOCATIONAL-TECHNICAL EDUCATION,  
TENNESSEE STATE ADVISORY COUNCIL  
ON VOCATIONAL EDUCATION,  
NASHVILLE.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - APR73 64P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*COUNSELING SERVICES;  
\*OCCUPATIONAL GUIDANCE; \*SECONDARY  
SCHOOL COUNSELORS; COUNSELING;  
GUIDANCE; GUIDANCE PROGRAMS;  
STUDENT PERSONNEL SERVICES;  
VOCATIONAL COUNSELING  
IDENTIFIERS - \*TENNESSEE

ABSTRACT - SUMMARIZED IN THIS  
REPORT ARE THE FINDINGS OF A STUDY  
CONDUCTED TO DETERMINE THE EXTENT  
TO WHICH COMPETENT CAREER  
EDUCATION COUNSELING EXISTS IN THE  
SENIOR HIGH SCHOOLS OF TENNESSEE.  
TO OBTAIN DATA, STUDENTS,  
PRINCIPALS, TEACHERS, GUIDANCE  
PERSONNEL, AND 275 PARENTS  
REPRESENTING 57 SCHOOLS IN THE  
STATE WERE SURVEYED ON ONE OF FOUR  
INSTRUMENTS. THE INSTRUMENTS USED  
INCLUDED: (1) A 23-ITEM  
QUESTIONNAIRE TO WHICH STUDENTS  
RESPONDED, (2) A 45-STATEMENT  
ATTITUDE TOWARD VOCATIONAL  
EDUCATION SCALE TO WHICH  
PRINCIPALS, TEACHERS, AND GUIDANCE  
PERSONNEL RESPONDED, (3) A  
GUIDANCE PROGRAM FUNCTIONS  
QUESTIONNAIRE TO WHICH COUNSELORS  
AND PRINCIPALS ALSO RESPONDED, AND  
(4) A PARENT ATTITUDE SCALE WHICH  
WAS COMPLETED BY PARENTS OF  
STUDENTS ATTENDING THE SCHOOLS  
SURVEYED. FINDINGS INDICATED THAT  
THE MAJOR SHORTCOMINGS OF THE  
GUIDANCE EFFORT IN TENNESSEE WERE  
A GAP IN COMMUNICATION AND DRASTIC  
PERSONNEL DEFICIENCIES. (SN)

VT 100 377  
OCCUPATIONAL PROFILES, 1960, 1970,  
1975, AND 1980.

LOUISIANA STATE DEPT. OF  
EMPLOYMENT SECURITY, BATON ROUGE.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAY73 57P.

DESCRIPTORS - \*EMPLOYMENT

PROJECTIONS; \*EMPLOYMENT TRENDS;  
 \*LABOR ECONOMICS; \*OCCUPATIONAL  
 INFORMATION; \*OCCUPATIONAL  
 SURVEYS; EMPLOYMENT PATTERNS;  
 EMPLOYMENT STATISTICS; JOB MARKET;  
 LABOR MARKET; TREND ANALYSIS  
 IDENTIFIERS - BATON ROUGE;  
 LOUISIANA; NEW ORLEANS; SHREVEPORT

ABSTRACT - AN UPDATING AND  
 REVISION OF THE 1968-1975  
 OCCUPATIONAL PROFILE RELEASED IN  
 1969, THIS STUDY PRESENTS  
 OCCUPATIONAL EMPLOYMENT CHANGES  
 AND PROJECTIONS FOR THE PERIOD  
 1960-1980 FOR THE STATE OF  
 LOUISIANA AND THE BATON ROUGE, NEW  
 ORLEANS, AND SHREVEPORT PARISHES.  
 THE PROJECTIONS WERE MADE IN  
 ACCORDANCE WITH THE RULES SET  
 FORTH BY THE U. S. DEPARTMENT OF  
 LABOR, BUREAU OF LABOR STATISTICS  
 IN TOMORROW'S MANPOWER NEEDS.  
 UNDERLYING THE PROJECTIONS ARE THE  
 ASSUMPTIONS THAT: (1) THE FEDERAL  
 GOVERNMENT WILL MAINTAIN AVERAGE  
 DEMAND AT SUFFICIENT LEVELS TO  
 INSURE RELATIVELY FREE EMPLOYMENT,  
 (2) THE PRESENT PERIOD OF ECONOMIC  
 PROSPERITY WILL CONTINUE, AND (3)  
 THE INTERNATIONAL SITUATION WILL  
 NOT VARY TOO MUCH FROM THE PRESENT  
 SITUATION. WITHIN A BROAD  
 FRAMEWORK, THE STUDY PROVIDES  
 QUANTITATIVE MEASURES OF  
 OCCUPATIONAL CHANGES WHICH SHOULD  
 PROVE USEFUL TO THOSE IN NEED OF  
 SUCH INFORMATION FOR PERSONAL  
 EDUCATION, BUSINESS, OR OTHER  
 PLANNING PURPOSES. A RELATED  
 DOCUMENT IS AVAILABLE IN A  
 PREVIOUS ISSUE OF ARM AND MAY BE  
 OBTAINED AS VT 016 318, IN VOLUME  
 6, ISSUE 1. (AUTHOR/SN)

VT 100 378  
 A CRITICAL ANALYSIS OF THE TEA-  
 USDE CAREER EDUCATION CONSTRUCTION  
 CLUSTER PLAN.

INTERNATIONAL UNION OF OPERATING  
 ENGINEERS, AFL-CIO, WASHINGTON,  
 D.C.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - 10APR73 8P.

DESCRIPTORS - \*APPRENTICESHIPS;  
 \*CAREER EDUCATION; \*EDUCATIONAL  
 PHILOSOPHY; \*SECONDARY GRADES; JOB  
 TRAINING  
 IDENTIFIERS - \*CAREER EDUCATION  
 CONSTRUCTION CLUSTER PLAN;  
 INTERNATIONAL UNION OF OPERATING  
 ENGINEERS AFL CIO

ABSTRACT - THIS PAPER VOICES A FEW  
 MAJOR OBJECTIONS TO CAREER  
 EDUCATION AS IT IS NOW BEING  
 DEVELOPED. PRIMARILY, THE  
 OBJECTIONS ARE DIRECTED TOWARD THE  
 TEXAS EDUCATIONAL AGENCY'S  
 CONCEPTION OF CAREER EDUCATION  
 WHICH WORKS TO NARROW THE  
 STUDENT'S CAREER CHOICE. AFTER  
 GRADE 10, WHEN A STUDENT CHOOSES

TO STUDY WITHIN THE CONSTRUCTION  
 INDUSTRY, HE SPENDS THREE HOURS A  
 DAY ON A SPECIFIC OCCUPATION AND  
 NO METHOD IS SHOWN FOR HIM TO  
 TRANSFER WITHIN THE CLUSTER OF  
 TRADES NOR TO TRANSFER OUT  
 ALTOGETHER SHOULD HE CHOOSE. AT NO  
 TIME IS UNION APPRENTICESHIP  
 MENTIONED AS AN ALTERNATIVE FOR  
 POSTSECONDARY TRAINING. THE  
 PROBLEMS OF SECURING QUALIFIED  
 TEACHING PERSONNEL AND EQUIPMENT  
 ARE BROUGHT OUT. PREPARATION FOR A  
 HIGH SCHOOL STUDENT INTERESTED IN  
 A CAREER IN CONSTRUCTION SHOULD BE  
 CENTERED IN THE "ACADEMIC"  
 SUBJECTS, SUCH AS PHYSICS,  
 CHEMISTRY, ALGEBRA, GEOMETRY, AND  
 DRAFTING. AT THE END OF HIS  
 SECONDARY EDUCATION THE STUDENT  
 NEEDS TO HAVE A GOOD UNDERSTANDING  
 OF THE WORLD OF WORK AND THE BASIC  
 SKILLS TO GO ON TO TECHNICAL  
 EDUCATION, COLLEGE, AN  
 APPRENTICESHIP, OR A COMBINATION  
 OF THESE. (AUTHOR/MU)

VT 100 379  
 ELKIN, ANNA, COMP.  
 A GUIDE TO BASIC OCCUPATIONAL AND  
 VOCATIONAL GUIDANCE SOURCES: A  
 SELECTED BIBLIOGRAPHY: BASIC TOOLS  
 FOR GUIDANCE COUNSELORS.

FEDERATION EMPLOYMENT AND GUIDANCE  
 SERVICE, NEW YORK, N.Y.  
 MF AVAILABLE IN VT-ERIC SET.  
 PUB DATE - AUG73 17P.

DESCRIPTORS - \*ANNOTATED  
 BIBLIOGRAPHIES; \*GUIDANCE  
 COUNSELING; \*EDUCATIONAL  
 RESOURCES; \*RESOURCE GUIDES;  
 \*VOCATIONAL COUNSELING;  
 EDUCATIONAL GUIDANCE; OCCUPATIONAL  
 GUIDANCE

ABSTRACT - THIS ANNOTATED  
 BIBLIOGRAPHY PROVIDES GUIDANCE  
 COUNSELORS, VOCATIONAL TEACHERS,  
 AND EDUCATORS WITH OVER 75 SOURCES  
 OF MATERIALS USEFUL IN PLANNING  
 EDUCATIONAL OR VOCATIONAL  
 PROGRAMS. ALPHABETICALLY ARRANGED  
 BY TITLE, THE LISTING INCLUDES  
 CATALOGS, READING LISTS,  
 NEWSLETTERS, BROCHURES,  
 BIBLIOGRAPHIES, DICTIONARIES, AND  
 REPORTS DEALING WITH CAREERS,  
 COLLEGES, TRAINING, EMPLOYMENT,  
 AND OCCUPATIONAL INFORMATION. A  
 SEPARATE SECTION PROVIDES  
 INFORMATION ON SMALL BUSINESSES.  
 (MU)

VT 100 380  
 ROBINSON, GRAYDON, ED.  
 RURAL COMMUNITY RESOURCES AS A  
 GUIDANCE TOOL: AN ACTION PLAN.

MAINE UNIV., FARMINGTON,  
 MAINE STATE DEPT. OF EDUCATION,  
 AUGUSTA, BUREAU OF VOCATIONAL  
 EDUCATION.  
 MF AVAILABLE IN VT-ERIC SET.

PUB DATE - 72 111P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*COMMUNITY RESOURCES; \*GUIDANCE  
COUNSELING; \*GUIDANCE PROGRAMS;  
\*TEACHER GUIDANCE; RESOURCE  
MATERIALS; RURAL SCHOOLS;  
SECONDARY EDUCATION  
IDENTIFIERS - BINGHAM PROJECT

ABSTRACT - FOR PROGRAM PLANNERS,  
THIS SET OF GUIDELINES FOR CAREER  
COUNSELING IS PATTERNED AFTER A  
MODEL DEVELOPED AT BINGHAM, MAINE.  
THE MODEL PROVIDES CAREER  
INFORMATION AND EDUCATION USING  
COMMUNITY AND REGIONAL RESOURCES  
IN A SCHOOL WITHOUT AN ESTABLISHED  
GUIDANCE DEPARTMENT OR FULL-TIME  
COUNSELOR. A HISTORY OF "THE  
BINGHAM PROJECT" IS NARRATED AND  
THE PROCEDURES FOLLOWED IN ITS  
INCEPTION ARE DESCRIBED. THE  
STRATEGIES USED IN ACQUIRING  
CAREER INFORMATION RESOURCE  
MATERIALS, IN REACHING A VARIETY  
OF SPEAKERS, AND IN ESTABLISHING A  
USEABLE SYSTEM FOR CLASSIFYING  
MATERIALS AND MAKING THEM  
AVAILABLE TO STUDENTS ARE GIVEN.  
EXAMPLES OF NEWS RELEASES, USEFUL  
FORMS FOR CLASSROOM GUIDANCE  
ACTIVITIES, AND SOURCES OF  
MATERIALS ARE INCLUDED. (MU)

VT 100 381  
BRENNAN, VICENT F., AND OTHERS  
WORK STUDY PROGRAMS, 1971-72: SUMM

SYRACUSE CITY SCHOOL DISTRICT, N.Y.  
MF AVAILABLE IN VT-ERIC SET.  
SECONDARY-BULL-107  
PUB DATE - OCT72 17P.

DESCRIPTORS - \*OCCUPATIONAL  
GUIDANCE; \*VOCATIONAL ADJUSTMENT;  
\*VOCATIONAL DEVELOPMENT;  
\*VOCATIONAL EDUCATION; \*WORK  
EXPERIENCE PROGRAMS; SECONDARY  
SCHOOL STUDENTS; WORK STUDY  
PROGRAMS  
IDENTIFIERS - \*SYRACUSE CITY SCHO

ABSTRACT - SUMMARIZING ALL THE  
WORK STUDY PROGRAMS IN SYRACUSE  
CITY SCHOOL DISTRICT FOR THE  
SCHOOL YEAR 1971-1972, THIS REPORT  
DESCRIBES THE SIX PROGRAMS GIVING  
FOR EACH OF THEM THE NUMBER OF  
STUDENTS ENROLLED AND THE NUMBER  
COMPLETING THE PROGRAM, THE NUMBER  
OF EMPLOYERS INVOLVED AND THE  
TOTAL AMOUNT OF MONEY EARNED, AND  
THE NUMBER OF STUDENTS IN THE  
PROGRAM WHO LEFT SCHOOL. THE  
FOLLOWING SIX PROGRAMS ARE  
DESCRIBED: (1) VOCATIONAL  
INDUSTRIAL COOPERATIVE DIVERSIFIED  
OCCUPATIONS PROGRAM, (2) OFFICE  
OCCUPATIONS WORK EXPERIENCE  
PROGRAM, (3) SALES OCCUPATIONS  
WORK EXPERIENCE PROGRAM, (4)  
GENERAL WORK EXPERIENCE PROGRAM,  
(5) SCHOOL WORK ALTERNATIVE  
PROGRAM, AND (6) SPECIAL EDUCATION

WORK STUDY PROGRAM. (MU)

VT 100 382  
DUBAY, BERNARD W.  
TRI-STATE CURRICULUM WORKSHOP  
(SCARBOROUGH, MAINE, MAY 22-26,  
1972).

NEW ENGLAND RESOURCE CENTER FOR  
OCCUPATIONAL EDUCATION, NEWTON,  
MASS.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAY72 55P.

DESCRIPTORS - \*CAREER EDUCATION;  
\*CONFERENCE REPORTS; \*CURRICULUM  
PLANNING; \*PROGRAM EVALUATION;  
\*REGIONAL PLANNING; WORKSHOPS  
IDENTIFIERS - \*TRI STATE  
CURRICULUM WORKSHOP (SCARBOROUGH  
MAINE)

ABSTRACT - APPROXIMATELY 50  
EDUCATIONAL LEADERS FROM VERMONT,  
NEW HAMPSHIRE, AND MAINE  
PARTICIPATED IN A WEEK-LONG  
WORKSHOP IN MAY, 1972 TO CREATE  
MULTI-STATE GOALS FOR TEACHERS,  
COUNSELORS, ADMINISTRATORS, STATE  
DEPARTMENTS OF EDUCATION, AND  
SCHOOL BOARDS IN THE CONDUCT OF  
CAREER EDUCATION. THIS REPORT  
PROVIDES THE GIST OF EIGHT  
PRESENTATIONS, AND FIVE TASK FORCE  
REPORTS. AN EVALUATION REPORT OF  
THE WORKSHOP IS INCLUDED WHICH WAS  
DIRECTED TOWARD: (1) OVERALL  
CONFERENCE DIRECTION, (2)  
CONFERENCE CONTENT AND  
CONSULTANTS, (3) THE NOMINAL GROUP  
PROCESS, AND (4) STATE COMMITMENTS  
FOR FOLLOWUP. AN EVALUATION  
QUESTIONNAIRE FOR PARTICIPANTS IS  
INCLUDED. (MU)

VT 100 383  
WISCONSIN RESEARCH COORDINATING  
UNIT (RCU) FIRST SEMI-ANNUAL  
RESEARCH ACTIVITY REPORT FOR THE  
PERIOD JANUARY 1, 1973 TO JUNE 30,  
1973.

WISCONSIN STATE BOARD OF  
VOCATIONAL, TECHNICAL, AND ADULT  
EDUCATION, MADISON. RESEARCH  
COORDINATING UNIT.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 30P.

DESCRIPTORS - \*EDUCATIONAL  
RESEARCH; \*RESEARCH COORDINATING  
UNITS; \*RESEARCH PROJECTS; \*STATE  
PROGRAMS; \*VOCATIONAL EDUCATION  
IDENTIFIERS - \*WISCONSIN

ABSTRACT - PLANNED ACTIVITIES,  
PROJECTS IN PROGRESS, AND  
COMPLETED ACTIVITIES IN WISCONSIN  
FOR THE PERIOD JANUARY 1, 1973-  
JUNE 30, 1973 ARE REPORTED BY  
PROJECT NUMBER, TITLE, AND  
DESCRIPTION. THE REPORT CONSISTS  
OF TWO PARTS: (1) ACTIVITIES  
RELATED TOWARD THE ACCOMPLISHMENT  
OF OBJECTIVES, AND (2) A LISTING

OF RESEARCH ACTIVITIES. THE FIRST PART IS DEVELOPED AROUND FOUR OBJECTIVES: (1) ENCOURAGE EDUCATIONAL RESEARCH, (2) COORDINATE RESEARCH ACTIVITIES, (3) DISSEMINATE INFORMATION ABOUT THE RESEARCH, AND (4) STIMULATE TRAINING IN RESEARCH. THE SECOND PART ORGANIZES RESEARCH PROJECTS INTO THE FOLLOWING CATEGORIES: (1) RESEARCH, (2) EXEMPLARY PROJECTS, AND (3) DEVELOPMENTAL ACTIVITIES. (MU)

VT 100 384  
HEALTH CAREERS FILM GUIDE.

NATIONAL INSTITUTES OF HEALTH (DHEW), BETHESDA, MD. BUREAU OF HEALTH MANPOWER EDUCATION.; NATIONAL HEALTH COUNCIL, NEW YORK, N.Y.  
MF AVAILABLE IN VT-ERIC SET.  
DHEW-PUB-(NIH)-72-306  
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (S/N 1741-00047, \$.35)  
PUB DATE - 72 31P.

DESCRIPTORS - \*ANNOTATED BIBLIOGRAPHIES; \*FILMS; \*HEALTH OCCUPATIONS; \*OCCUPATIONAL INFORMATION; \*RESOURCE GUIDES; CAREERS; CATALOGS; DIRECTORIES

ABSTRACT - THIS GUIDE REPRESENTS A SURVEY OF THE ENTIRE HEALTH CAREER FILM FIELD. A SPECIAL EFFORT HAS BEEN MADE TO LOCATE FILMS USEFUL FOR MINORITY RECRUITING. ALL FILMS ARE 16 MM AND SOUND. THE LISTING IS ORGANIZED BY THE FOLLOWING OCCUPATIONAL CLUSTERS: (1) AUDIOLOGY AND SPEECH, (2) COMMUNITY HEALTH, (3) DENTISTRY, (4) DIETETICS, (5) ENVIRONMENTAL HEALTH, (6) GENERAL, (7) HOSPITAL CAREERS, (8) MEDICAL RECORDS, (9) MEDICAL TECHNOLOGY, (10) MEDICINE, (11) MENTAL HEALTH, (12) NURSING, (13) OPTOMETRY AND OPHTHALMOLOGY, (14) PHARMACY, (15) PUBLIC HEALTH, (16) RADIOLOGY, (17) REHABILITATION, (18) RESEARCH, (19) SOCIAL WORK, AND (20) VETERINARY SCIENCE. EACH ENTRY IS KEYED TO ONE OF THE 50 DISTRIBUTORS LISTED IN THE PAMPHLET, AND IS MARKED SO IF IT IS PARTICULARLY SUITED FOR MINORITY RECRUITING. (AUTHOR/MU)

VT 100 385  
DRIBBEN, W.B.  
IMPLEMENTING A CAREER-CENTERED CURRICULUM AT DAVIS SCHOOL, GREENWOOD, MISSISSIPPI. FINAL REPORT.

GREENWOOD PUBLIC SCHOOLS, MISS.  
OFFICE OF EDUCATION (DHEW), WASHIN  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 1JUN73 15P.

DESCRIPTORS - \*CAREER EDUCATION; \*DEVELOPMENTAL PROGRAMS; \*ELEMENTARY GRADES; \*INTEGRATED CURRICULUM; \*PROGRAM DESCRIPTIONS; PROGRAM OBJECTIVES; RESEARCH PROJECTS  
IDENTIFIERS - DAVIS SCHOOL; GREENWOOD SEPARATE SCHOOL DISTRICT; MISSISSIPPI

ABSTRACT - GOALS, OBJECTIVES, AND ACCOMPLISHMENTS OF A PROJECT TO IMPLEMENT A CAREER EDUCATION PROGRAM IN THE DAVIS SCHOOL OF THE GREENWOOD SEPARATE SCHOOL DISTRICT IN MISSISSIPPI ARE REPORTED. STRATEGIES USED IN THE PROCESS OF INTEGRATING CAREER EDUCATION MATERIALS INTO THE EXISTING CURRICULUM ARE OUTLINED. RESULTS ARE DESCRIBED IN MAJOR ACTIVITIES, SIGNIFICANT FINDINGS, AND DISSEMINATION ACTIVITIES AND RECOMMENDATIONS MADE TO EXPAND THE PROGRAM INTO ALL THE SCHOOLS IN THE GREENWOOD SEPARATE SCHOOL DISTRICT. (MU)

VT 100 386  
KRUG, JON V.  
INTERIM PROCESS ASSESSMENTS AND EXEMPLARY PROJECT REVIEWS. FISCAL YEAR 1973.

NEVADA ADVISORY COUNCIL FOR MANPOWER TRAINING AND CAREER EDUCATION, CARSON CITY.  
NEVADA STATE DEPT. OF EDUCATION, CARSON CITY. DIV. OF VOCATIONAL-TECHNICAL AND ADULT EDUCATION.; OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - MAY73 129P.

DESCRIPTORS - \*CAREER EDUCATION; \*RESEARCH PROJECTS; \*RESEARCH REVIEWS (PUBLICATIONS); \*VOCATIONAL DEVELOPMENT; \*VOCATIONAL EDUCATION  
IDENTIFIERS - \*NEVADA; CAREER AWARENESS; CAREER EXPLORATION

ABSTRACT - THE FOLLOWING FIVE PROJECTS IN NEVADA ARE REVIEWED: (1) CAREER AWARENESS PROJECT AT LAS VEGAS, (2) CAREER GUIDANCE PROJECT AT ELKO, (3) CAREER EDUCATION FOR DISADVANTAGED RURAL CHILDREN PROJECT AT WINNEMUCCO, (4) POTENTIALS FOR ACHIEVEMENT THROUGH CAREER EXPLORATION AND REVIEW PROJECT AT RENO, AND (5) SEQUENTIAL APPROACH TO VOCATIONAL EDUCATION PROJECT AT RENO. EACH IS DESCRIBED BY TITLE, APPLICANT AGENCY, DIRECTOR, SITE, AND NARRATIVE REVIEW. EACH PROJECT PROVIDES ITS OWN RECOMMENDATIONS AND CARRIES A RATHER EXTENSIVE BIBLIOGRAPHY. (MU)

VT 100 387  
JOHNSON, MILDRED B.; SCHENCK, BETS  
THE IDENTIFICATION OF COMPETENCIES

AND PERFORMANCE STANDARDS ASSOCIATED WITH WOMEN'S OCCUPATIONS IN THE TEXTILE AND FURNITURE INDUSTRIES. OCCUPATIONAL EDUCATION RESEARCH PROJECT FINAL REPORT.

NORTH CAROLINA UNIV., GREENSBORO. SCHOOL OF HOME ECONOMICS. NORTH CAROLINA STATE DEPT. OF EDUCATION, RALEIGH. OCCUPATIONAL EDUCATION RESEARCH DIVISION. MF AVAILABLE IN VT-ERIC SET. TR-7  
PUB DATE - MAY73 162P.

DESCRIPTORS - \*HOME FURNISHINGS; \*FURNITURE INDUSTRY; \*PERFORMANCE CRITERIA; \*PERFORMANCE SPECIFICATIONS; \*WORKING WOMEN; RESEARCH PROJECTS; WOODWORKING IDENTIFIERS - NORTH CAROLINA

ABSTRACT - SUMMARIZED ARE THE HIGHLIGHTS OF A STUDY CONDUCTED TO GATHER DATA WHICH WOULD SERVE AS A BASE FOR DEVELOPING OCCUPATIONAL HOME ECONOMICS PROGRAMS IN THE AREA OF HOME FURNISHINGS. TO OBTAIN DATA FOR THE STUDY A RANDOM SAMPLE OF 49 FIRMS AND EMPLOYERS IN THE WOOD FURNITURE, DRAPERY, AND BEDSPREAD INDUSTRIES IN PIEDMONT, NORTH CAROLINA WERE SURVEYED. THE FOLLOWING WERE INDICATIVE OF THE FINDINGS: (1) WOMEN CAN PERFORM MOST JOBS IN THE HOME FURNISHING INDUSTRIES EXCEPT THOSE WHICH REQUIRE EXCEPTIONAL STRENGTH, (2) CONSIDERABLE VARIABILITY EXISTS IN ENTRY-LEVEL REQUIREMENTS OF JOBS, (3) MANY JOB OPENINGS EXIST IN THE HOME FURNISHING INDUSTRIES, BUT MOST REQUIRE VERY LOW-LEVEL SKILL, (4) HIGH SCHOOL GRADUATION IS NOT A PRIMARY REQUISITE FOR EMPLOYMENT, AND (5) MOST EMPLOYERS IN THIS BUSINESS ARE VERY ANXIOUS TO WORK WITH STUDENTS IN HELPING THEM TO DEVELOP SKILLS. GENERALLY, IT WAS CONCLUDED THAT MOST TASKS PERFORMED IN THE HOME FURNISHING INDUSTRIES COULD BE TAUGHT AT THE HIGH SCHOOL LEVEL. (SN)

VT 100 388  
HUNGERLAND, JACKLYN E.  
A CAREER-ORIENTED, FREE-FLOW, PEER-INSTRUCTIONAL SYSTEM.

HUMAN RESOURCES RESEARCH ORGANIZATION, ALEXANDRIA, VA. MF AVAILABLE IN VT-ERIC SET. HUMRRO-PP-6-73  
PUB DATE - JUN73 13P.

DESCRIPTORS - \*INDIVIDUALIZED INSTRUCTION; \*INSTRUCTIONAL SYSTEMS; \*OFFICE MANAGEMENT; JOB TRAINING; MODELS; OFFICE OCCUPATIONS EDUCATION; SIMULATORS

ABSTRACT - THIS PAPER CONTAINS THE ESSENCE OF A PRESENTATION TO THE

STATEWIDE ADMINISTRATIVE STAFF OF THE CALIFORNIA BUREAU OF BUSINESS EDUCATION AT LOS ANGELES, CALIFORNIA ON JANUARY 5, 1972. PRESENTED IS A DESCRIPTION OF A PERFORMANCE-ORIENTED, SELF-PACED, FREE-FLOW, PEER-INSTRUCTIONAL, CAREER PROGRESSION INSTRUCTIONAL SYSTEM, PRIMARILY DEVELOPED FOR THE OFFICE CLUSTER OF BUSINESS OCCUPATIONS. THE MODEL SYSTEM ALSO HAS RELEVANCE FOR OTHER CURRICULA. INCORPORATED IN THE MODEL ARE DEFINITE MEASURES FOR QUALITY CONTROL AND ACCOUNTABILITY. A RELATED DOCUMENT IS AVAILABLE AS VT 019 827. (AUTHOR/SN)

VT 100 389  
GARMON, BEN  
COMPREHENSIVE OCCUPATIONAL EDUCATION PROGRAM FOR THE ELEMENTARY AND SECONDARY SCHOOL. SECOND INTERIM REPORT.

HUNTSVILLE CITY SCHOOLS, ALA. BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. MF AVAILABLE IN VT-ERIC SET. OEG-0-70-5185(361)  
PUB DATE - APR73 139P.

DESCRIPTORS - \*CAREER EDUCATION; \*DEMONSTRATION PROJECTS; \*VOCATIONAL DEVELOPMENT; \*VOCATIONAL EDUCATION; ELEMENTARY GRADES; OCCUPATIONAL GUIDANCE; SECONDARY GRADES

ABSTRACT - THIS REPORT PRESENTS AN EVALUATIVE ASSESSMENT OF THE SECOND YEAR OPERATIONAL PROCEDURES AND ACCOMPLISHMENTS OF A 3-YEAR PROJECT DESIGNED TO INTEGRATE AND DEMONSTRATE IN ONE OPERATIONAL SETTING THOSE CAREER EDUCATION PRACTICES FOUND TO BE EFFECTIVE IN OTHER ISOLATED OCCUPATIONAL EDUCATION PROGRAMS. NUMEROUS MEASUREMENT AND DATA COLLECTION INSTRUMENTS WERE USED IN MAKING THE ASSESSMENT; AMONG THEM WERE: (1) TEACHER CONSTRUCTED EXAMINATIONS, (2) THE MINNESOTA SATISFACTION QUESTIONNAIRE, (3) FOLLOW-UP STUDIES OF STUDENT ENROLLEES, (4) THE ATTITUDE TEST OF THE VOCATIONAL DEVELOPMENT INVENTORY, (5) THE MINNESOTA EMPLOYMENT SATISFACTORINESS QUESTIONNAIRE, (6) A GENERAL SURVEY OF PROGRAM ENROLLEES IN GRADES 11 AND 12, AND (7) INTERVIEWS. OVERALL FINDINGS OF THE PROJECT INCLUDED: (1) THE PROJECT IS EFFICIENT AND EFFECTIVE AND HAS FLEXIBILITY WHICH PERMITS EASE IN MAKING PROGRAM MODIFICATIONS, (2) THE PROJECT IS GENERALLY SOUNDLY DEVELOPED, (3) THE STAFF MEMBERS ARE COMPETENT AND SHOULD THEREFORE FACILITATE THE ATTAINMENT OF PROJECT OBJECTIVES, AND (4) THE

COOPERATION BETWEEN GOVERNMENTAL AND SOCIAL AGENCIES HAS ADDED MANY BENEFITS TO THE PROJECT.  
(AUTHOR/SN)

VT 100 390  
MCNUTT, LAWRENCE F.  
INTEGRATED VOCATIONAL EDUCATION PROGRAM: A K-TO-12 MODEL FOR A RURAL SCHOOL DISTRICT. SECOND INTERIM REPORT.

FRANKLIN NORTHEAST SUPERVISORY UNION, RICHFORD, VT.  
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.  
MF AVAILABLE IN VT-ERIC SET.  
OEG-0-71-2394(361)  
PUB DATE - FEB73 208P.

DESCRIPTORS - \*CAREER EDUCATION; \*CURRICULUM DEVELOPMENT; \*MODELS; \*VOCATIONAL EDUCATION; INTEGRATED CURRICULUM; PROJECTS; VOCATIONAL DEVELOPMENT IDENTIFIERS - \*INTEGRATED VOCATIONAL EDUCATION

ABSTRACT - REPORTED IN THIS, THE SECOND INTERIM REPORT OF THE INTEGRATED VOCATIONAL EDUCATIONAL PROJECT FOR THE FRANKLIN NORTHEAST SUPERVISORY UNION, IS A SUMMARY OF THE OPERATIONAL PROCEDURES AND ACCOMPLISHMENTS FOR THE PERIOD COVERING MARCH 1, 1972-FEBRUARY 28, 1973. DURING THE PERIOD, THE PROJECT PRIMARILY SERVED AS A DEMONSTRATION PROGRAM FOR SETTING FORTH THE NEEDS AND VALUES OF VOCATIONAL EDUCATION AND HAS DONE MUCH TO FOSTER INDIVIDUAL MOTIVATION AND SELF-AWARENESS IN YOUNG PEOPLE IN THE REGION AT EVERY LEVEL. SPECIFIC CONTENTS OF THE REPORT INCLUDE: (1) A SUMMARY, (2) BODY OF THE REPORT, (3) THIRD PARTY EVALUATION RESULTS, AND (4) APPENDIXES CONTAINING WORK-TRAINING DESCRIPTIVE FLYERS, A SAMPLE OF THE THIRD PARTY EVALUATOR'S STUDENT QUESTIONNAIRE, NEWS HIGHLIGHTS FOR THE SECOND OPERATIONAL YEAR, AND CAREER EDUCATION NEWS. (SN)

VT 100 391  
ELSON, D.E., AND OTHERS  
VOCATIONAL EDUCATION REPORTING SYSTEM: A SYSTEM TO COLLECT EVALUATIVE INFORMATION.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 4P. PAPER  
PRESENTED AT THE ANNUAL MEETING OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION (NEW ORLEANS, LA., FEBRUARY 27, 1973).

DESCRIPTORS - \*DATA COLLECTION; \*PROGRAM EVALUATION; \*SYSTEMS DEVELOPMENT; \*VOCATIONAL EDUCATION; DATA PROCESSING; PROGRAM PLANNING; PROJECTS;

SECONDARY GRADES  
IDENTIFIERS - \*VOCATIONAL EDUCATION REPORTING SYSTEM; VEEP

ABSTRACT - THIS DOCUMENT SUMMARIZES THE RESULTS OF A PROJECT EFFORT TO DESIGN THE VOCATIONAL EDUCATION REPORTING SYSTEM (VEEP), A SYSTEM CAPABLE OF COLLECTING EVALUATIVE INFORMATION THAT WOULD CONTRIBUTE TO THE ASSESSMENT, PLANNING, AND PROGRAMMING OF SECONDARY VOCATIONAL EDUCATION PROGRAMS. GIVEN ARE THE RATIONALE AND OBJECTIVES OF THE SYSTEM AS WELL AS THE PROCEDURES FOLLOWED IN DEVELOPING IT. (SN)

VT 100 392  
FELLENZ, PETER; GUSTAFSON, RICHARD  
TEACHER ATTITUDES AND UNDERSTANDING OF CAREER EDUCATION, ACADEMIC EDUCATION, AND VOCATIONAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 14P. PAPER  
PRESENTED AT THE ANNUAL MEETING OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION (NEW ORLEANS, LA., FEBRUARY 27, 1973).

DESCRIPTORS - \*COGNITIVE MEASUREMENT; \*MEASUREMENT TECHNIQUES; \*TEACHER ATTITUDES; ACADEMIC EDUCATION; CAREER EDUCATION; RESEARCH; SEMANTIC DIFFERENTIAL; VOCATIONAL EDUCATION

ABSTRACT - THE TWO-FOLD PURPOSES OF THIS REPORT ARE TO: (1) SHOW HOW THE SEMANTIC DIFFERENTIAL CAN BE USED TO MEASURE THE CHANGE IN TEACHERS' ATTITUDES AND UNDERSTANDINGS OF THE CONCEPTS, CAREER EDUCATION, ACADEMIC EDUCATION, AND VOCATIONAL EDUCATION, AND (2) IDENTIFY AND DISCUSS THE UNDERLYING DIFFERENCES IN TEACHERS' ATTITUDES TOWARD THESE CONCEPTS. TO CONDUCT THE INVESTIGATION, 40 TEACHER AND COUNSELOR VOLUNTEERS IN GRADES K-12 FROM FIVE SCHOOLS IN THE URBAN SCHOOL DISTRICT WERE ADMINISTERED THE SEMANTIC DIFFERENTIAL BEFORE AND AFTER A 9-WEEK CAREER EDUCATION IMPLEMENTATION WORKSHOP WHICH PLACED HEAVY EMPHASIS ON INDIVIDUALIZED INSTRUCTION AND STUDENT CONTRACTING. IN ADDITION, 42 TEACHER VOLUNTEERS RANDOMLY SELECTED FROM FIVE RURAL SCHOOL DISTRICTS IN THE STATE WERE TESTED USING THE SEMANTIC DIFFERENTIAL DURING AN EVENING WORKSHOP HELD THREE MONTHS AFTER AN INTENSIVE 1-WEEK WORKSHOP ON CAREER EDUCATION. RESULTING CONCLUSIONS OF THE STUDY WERE: (1) THE SEMANTIC DIFFERENTIAL TECHNIQUE CAN BE USED AS AN EFFECTIVE MEASURE TO EVALUATE WORKSHOP OBJECTIVES IN CAREER EDUCATION AND IN

IDENTIFYING AREAS OF GROWTH, AND (2) WHEN EXAMINED INDIVIDUALLY, THE SEMANTIC DIFFERENTIAL CAN BE USED TO INDICATE SPECIFIC GROWTH IN THE COGNITIVE AND AFFECTIVE AREAS OF CONCERN. (SN)

VT 100 393  
NATIONAL APPRENTICESHIP AND TRAINING STANDARDS FOR CARPENTRY.

NATIONAL JOINT CARPENTRY APPRENTICESHIP AND TRAINING COMMITTEE, WASHINGTON, D.C. MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. BUREAU OF APPRENTICESHIP AND TRAINING. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 73 47P.

DESCRIPTORS - \*APPRENTICESHIPS; \*BUILDING TRADES; \*CARPENTERS; \*GUIDELINES; JOB TRAINING; STANDARDS  
IDENTIFIERS - \*NATIONAL APPRENTICESHIP TRAINING STANDARDS

ABSTRACT - THIS BOOKLET REPRESENTS THE LATEST REVISION OF THE NATIONAL APPRENTICESHIP AND TRAINING STANDARDS FOR THE TRADES OF CARPENTRY, MILLWRIGHT, CABINETMAKER-MILL-MAN, AND OTHER SUBDIVISIONS OF THE TRADE. THE BOOKLET WAS DEVELOPED IN HOPES THAT THE STANDARDS WILL SERVE AS A GUIDE FOR JOURNEYMEN DESIROUS OF UPGRADING THEIR SKILLS AND IN THE TRAINING OF YOUTH ENTERING THE TRADE. SPECIFIC CONTENTS OF THE GUIDE INCLUDE: (1) AN INTRODUCTION, PURPOSE, AND LISTING OF MEMBERS OF THE NATIONAL JOINT CARPENTRY APPRENTICESHIP AND TRAINING COMMITTEE, AND (2) TOPICAL SECTIONS ON, "ADAPTING NATIONAL STANDARDS TO LOCAL USE," "FEDERAL LAWS AND REGULATIONS AFFECTING THE EMPLOYMENT OF APPRENTICES," "JOINT TRAINING FUNDS," AND "APPRENTICESHIP RECORDS." IN ADDITION, APPENDIXES CONTAINING WORK EXPERIENCE AND INSTRUCTIONAL SCHEDULES, AN APPLICATION FOR APPRENTICESHIP IN CARPENTRY, A SAMPLE APPRENTICE AGREEMENT, A LISTING OF THE REGIONAL OFFICES, BUREAU OF APPRENTICESHIP AND TRAINING, AND THE STATE APPRENTICESHIP AGENCIES ARE GIVEN. (SN)

VT 100 394  
TRAD, MICHAEL, JR.  
A PRE-VOCATIONAL DROP-OUT PREVENTI

MARSEILLES PUBLIC SCHOOLS, ILL.  
MF AVAILABLE IN VT-ERIC SET.  
PUB DATE - 73 9P. PRESENTED AT THE NORTH CENTRAL ASSOCIATION ANNUAL MEETING (CHICAGO, ILL., MARCH 25-28, 1973).

DESCRIPTORS - \*DROPOUT PREVENTION; \*DROPOUT PROGRAMS; \*VOCATIONAL

DEVELOPMENT; \*VOCATIONAL EDUCATION; EXPERIMENTAL PROGRAMS; POTENTIAL DROPJUTS; SECONDARY GRADES  
IDENTIFIERS - \*PRE-VOCATIONAL PROG

ABSTRACT - THIS DOCUMENT SUMMARIZES THE RATIONALE, ORIGIN, IMPLEMENTATION PROCEDURES, AND ACCOMPLISHMENTS OF A PRE-VOCATIONAL PROGRAM DESIGNED TO DEVELOP RELEVANT EXPERIENCES FOR THE VOCATIONALLY-MINDED STUDENT IN AN EFFORT TO KEEP HIM IN SCHOOL. IN ADDITION, THE PROGRAM ATTEMPTED TO PREPARE THE POTENTIAL DROP-OUT WITH THE SUFFICIENT SKILLS WHICH WOULD ENABLE HIM TO EARN A WORTHWHILE LIVING IN THE EVENT THAT HE DID DROP OUT OF SCHOOL. TWELVE STUDENTS FROM THE FRESHMAN AND SOPHOMORE CLASSES AT MARSEILLES HIGH SCHOOL WERE SELECTED TO PARTICIPATE IN THE EXPERIMENTAL PROGRAM. OF THOSE STUDENTS, EIGHT HAVE SINCE REMAINED IN SCHOOL AND ENROLLED IN REGULAR ACADEMIC CLASSES. FOUR OF THE STUDENTS DROPPED OUT OF SCHOOL, TWO OF WHOM ARE ENGAGED IN FULL-TIME EMPLOYMENT. (SN)

VT 100 395  
EXPERIMENTAL AND DEMONSTRATION MANPOWER PROJECT FOR TRAINING AND PLACEMENT OF YOUTHFUL INMATES OF DRAPER CORRECTIONAL CENTER, ELMORE ALABAMA. SIXTH DISSEMINATION REPORT.

REHABILITATION RESEARCH FOUNDATION, ELMORE, ALA. DRAPER CORRECTIONAL CENTER. MANPOWER ADMINISTRATION (DOL), WASHINGTON, D.C. OFFICE OF POLICY, EVALUATION, AND RESEARCH. MF AVAILABLE IN VT-ERIC SET. PUB DATE - 68 47P.

DESCRIPTORS - \*CORRECTIONAL REHABILITATION; \*DELINQUENT REHABILITATION; \*VOCATIONAL DEVELOPMENT; \*VOCATIONAL REHABILITATION; CORRECTIONAL EDUCATION; DELINQUENTS; DEMONSTRATION PROJECTS; EXPERIMENTAL PROGRAMS; JOB PLACEMENT; MANPOWER DEVELOPMENT; REHABILITATION PROGRAMS; VOCATIONAL EDUCATION  
IDENTIFIERS - \*DRAPER PROJECT

ABSTRACT - REPORTED IN THIS DOCUMENT ARE THE DISSEMINATION EFFORTS OF A MANPOWER PROJECT DESIGNED TO PROVIDE TRAINING AND JOB PLACEMENT FOR JUVENILE OFFENDERS. THE REPORTING PERIOD COVERS THE INTERIM OF MARCH 1-MAY 31, 1968. THE ACTIVITIES ENGAGED IN DURING THE PERIOD INCLUDE: (1) TWO TRAINING CONFERENCES FACILITATED BY STAFF MEMBERS, ONE, AN ON-SITE SESSION FOR MEN IN TENNESSEE; THE OTHER, A 2-DAY

SESSION IN THE USE OF PROGRAMMED INSTRUCTION FOR CALIFORNIA YOUTH ADMINISTRATORS, (2) DEVELOPMENT OF A PROCEDURAL MANUAL AND AUXILIARY MATERIALS, (3) PARTICIPATION AND ATTENDANCE IN MEETINGS AND CONFERENCES, (4) DEVELOPMENT OF PUBLICATIONS, AND (5) SPONSORING AND FACILITATING OF PRESENTATIONS HIGHLIGHTING THE PROJECT. (SN)

VT 100 396

DRIBBEN, W.B.  
IMPLEMENTING A CAREER-CENTERED CURRICULUM AT DAVIS SCHOOL, GREENWOOD, MISSISSIPPI. RESEARCH PROJECT IN VOCATIONAL EDUCATION, CONDUCTED UNDER PART C OF PUBLIC LAW 90-576. QUARTERLY REPORT.

GREENWOOD PUBLIC SCHOOLS, MISS. OFFICE OF EDUCATION (DHEW), WASH. DOCUMENT NOT AVAILABLE IN VT-ERIC SET. PUB DATE - MAR73 96P.

DESCRIPTORS - \*CAREER EDUCATION; \*ELEMENTARY GRADES; \*FIELD TRIPS; \*INTEGRATED CURRICULUM; \*LEARNING ACTIVITIES  
IDENTIFIERS - \*GREENWOOD MUNICIPAL SEPARATE SCHOOL DISTRICT; DAVIS SCHOOL; MISSISSIPPI

ABSTRACT - OBJECTIVES, ACTIVITIES, AND OUTCOMES OF A CAREER EDUCATION CURRICULUM PROJECT IN THE GREENWOOD MUNICIPAL SEPARATE SCHOOL DISTRICT ARE NARRATED FOR THE PERIOD OF JANUARY TO APRIL, 1973. AN EXTENSIVE APPENDIX PROVIDES RESOURCES (GAMES, CHECKLISTS, AND LEARNING ACTIVITIES) FOR EACH GRADE LEVEL OF THE ELEMENTARY SCHOOL PARTICIPATING IN THE PROJECT. LISTINGS ARE GIVEN FOR SUGGESTED SITES FOR TOURS, BOTH THOSE WITH TRANSPORTATION AND WALKING TOURS IN THE NEIGHBORHOOD OF THE SCHOOL. RECORDS ARE AVAILABLE OF EACH TOUR TAKEN WITH SPEAKER, SITE, DATE, AND CLASS PARTICIPATING DURING THE THREE MONTHS OF THE REPORT. COMMUNITY INTEREST GROUPS AND THEIR CONTRIBUTIONS TO THE PROGRAM ARE BRIEFLY DESCRIBED. (MU)

VT 100 397

WEISS, MARVIN WESLEY  
COORDINATION AND COOPERATION BETWEEN COMMUNITY COLLEGES AND COMMUNITY SCHOOLS IN SELECTED COMMUNITY COLLEGE DISTRICTS.

DOCUMENT NOT AVAILABLE IN VT-ERIC SET. UNIVERSITY MICROFILMS, A XEROX COMPANY, 300 N. ZEEB RD., ANN ARBOR, MI. 48103 (MF \$4.00, XEROGRAPHY \$10.00)  
PUB DATE - 30MAY73 155P. ED.D. DISSERTATION, OREGON STATE UNIV., CORVALLIS.

DESCRIPTORS - \*ADMINISTRATOR ATTITUDES; \*COMMUNITY COLLEGES;

\*COMMUNITY SCHOOL DIRECTORS; \*COMMUNITY SCHOOLS; \*OPINIONS; ADULT EDUCATION; EDUCATIONAL FINANCE; INSTRUCTION; TECHNICAL EDUCATION

ABSTRACT - TO SEEK INFORMATION ON COOPERATION, COORDINATION, EDUCATIONAL PHILOSOPHY, AND DUPLICATION IN SELECTED COMMUNITY COLLEGES WITH COMMUNITY SCHOOLS IN THEIR DISTRICTS, QUESTIONNAIRES WERE SENT TO 35 COMMUNITY SCHOOL DIRECTORS AND 35 COMMUNITY COLLEGE ADMINISTRATORS IN SUCH LOCATIONS IN WASHINGTON, OREGON, CALIFORNIA, MICHIGAN, AND FLORIDA. FORTY-SIX ITEMS ON A LIKERT-TYPE SCALE, SEEKING OPINIONS FROM THE 70 RESPONDENTS PROVIDED DATA WHICH WERE ANALYZED BY ANALYSIS OF VARIANCE TECHNIQUE. FINDINGS SHOWED THAT MUCH DISAGREEMENT EXISTED BETWEEN COMMUNITY SCHOOL DIRECTORS AND COMMUNITY COLLEGE ADMINISTRATORS IN THE AREAS OF INSTRUCTION AND FINANCE. (MU)

VT 100 398

TRAINING FOR PURCHASING AND SUPPLY. A REPORT BY THE PURCHASING/SUPPLY SUB-COMMITTEE OF THE JOINT INDUSTRIAL TRAINING BOARDS COMMITTEE FOR COMMERCIAL AND ADMINISTRATIVE TRAINING.

DEPARTMENT OF EMPLOYMENT. LONDON DOCUMENT NOT AVAILABLE IN VT-ERIC SET. HER MAJESTY'S STATIONERY OFFICE, 899 BROADWAY AVE., REDWOOD CITY, CA. 904063 (38P)  
PUB DATE - 72 55P.

DESCRIPTORS - \*INDUSTRIAL TRAINING; \*OCCUPATIONAL INFORMATION; \*PURCHASING; \*STORAGE; \*SUPPLIES; BUSINESS EDUCATION; CAREER LADDERS; DISTRIBUTIVE EDUCATION; EDUCATIONAL SPECIFICATIONS; EMPLOYMENT QUALIFICATIONS; ENTRY WORKERS; GUIDELINES  
IDENTIFIERS - UNITED KINGDOM

ABSTRACT - THIS PUBLICATION PRESENTS GUIDELINES FOR INDUSTRIAL TRAINING IN THE PURCHASING AND SUPPLY FUNCTION, ENCOMPASSING SUCH OCCUPATIONS AS PURCHASING OFFICER, STOCK CONTROL OFFICER, STORES CONTROLLER, BUYER, AND WAREHOUSE MANAGER IN VARIOUS INDUSTRIES. JOB DESCRIPTIONS, TRAINING PLANS, SPECIALIST TRAINING SCHEDULES, BUSINESS COURSES FOR PROFESSIONAL QUALIFICATION, AND GENERAL AND SPECIFIC TRAINING GUIDANCE ARE INCLUDED. (MF)

VT 100 399

TRAINING FOR MARKETING. A REPORT BY THE SALES/MARKETING SUB-COMMITTEE OF THE JOINT INDUSTRIAL TRAINING BOARDS COMMITTEE FOR COMMERCIAL AND ADMINISTRATIVE

## TRAINING.

DEPARTMENT OF EMPLOYMENT, LONDON  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
HER MAJESTY'S STATIONERY OFFICE,  
899 BROADWAY AVE., REDWOOD CITY,  
CA. 94063 (70P)  
PUB DATE - 72 94P.

DESCRIPTORS - \*EDUCATIONAL  
PLANNING; \*MANAGEMENT DEVELOPMENT;  
\*MANAGEMENT EDUCATION; \*MARKETING;  
\*MERCHANDISING; DISTRIBUTIVE  
EDUCATION; SALES WORKERS;  
SALESMANSHIP  
IDENTIFIERS - \*GREAT BRITAIN

ABSTRACT - TO STIMULATE AND ASSIST  
IN BETTER TRAINING,  
RECOMMENDATIONS TO INDUSTRY FOR  
THE TRAINING AND EDUCATION OF  
MARKETING PERSONNEL ARE MADE BY  
THE SUBCOMMITTEE ON SALES AND  
MARKETING FOR THE CENTRAL TRAINING  
COUNCIL OF GREAT BRITAIN. THE  
MARKETING COMPONENTS STUDIED IN  
ORDER TO REACH RECOMMENDATIONS  
WERE: (1) RESEARCH AND SALES  
FORECASTING, (2) NEW PRODUCT  
DEVELOPMENT, (3) PRICING, (4)  
PACKAGING, (5) SALES PROMOTION,  
(6) INDUSTRIAL SELLING, AND (7)  
CONTRIBUTIONS OF FURTHER  
EDUCATION. SOURCES OF ADDITIONAL  
INFORMATION ON TRAINING ARE LISTED  
WITH NAMES AND ADDRESSES OF  
INSTITUTES, ASSOCIATIONS, AND  
SOCIETIES IN GREAT BRITAIN.  
SEVERAL EXAMPLES OF JOB  
DESCRIPTIONS ARE INCLUDED. (MU)

## VT 100 400

HOMEMAKER SERVICES: FINANCING,  
TRAINING, FUTURE. PROCEEDINGS OF A  
WORKSHOP AT THE CANADIAN  
CONFERENCE ON SOCIAL WELFARE,  
1972.

CANADIAN COUNCIL ON SOCIAL  
DEVELOPMENT, OTTAWA (ONTARIO).  
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.  
CANADIAN COUNCIL ON SOCIAL  
DEVELOPMENT, 55 PARKDALE, OTTAWA  
K1Y 1E5, CANADA (\$1.50)  
PUB DATE - JAN73 60P. CONFERENCE  
HELD AT LAVAL UNIVERSITY, QUEBEC,  
JUNE 18-22, 1972.

DESCRIPTORS - \*HOME HEALTH AIDES;  
\*OCCUPATIONAL HOME ECONOMICS;  
\*SERVICE WORKERS; \*SOCIAL  
SERVICES; \*VISITING HOMEMAKERS;  
\*WORKSHOPS; CONFERENCE REPORTS;  
HOME MANAGEMENT; SERVICE  
OCCUPATIONS

ABSTRACT - THIS DOCUMENT  
HIGHLIGHTS THE PROCEEDINGS OF A  
WORKSHOP ON HOMEMAKER SERVICES  
PRESENTED AT THE CANADIAN  
CONFERENCE ON SOCIAL WELFARE  
DURING THE PERIOD OF JUNE 19-21,  
1972. ATTENDING THE WORKSHOP WERE  
REPRESENTATIVES OF HOMEMAKER  
AGENCIES AND OTHER SERVICES,

DOMESTIC HOMEMAKERS, AND OFFICIALS  
IN THE FIELD FROM ALL LEVELS OF  
GOVERNMENT. THE SESSIONS WERE  
MAINLY CENTERED AROUND THREE  
TOPICS. THOSE TOPICS WERE: (1)  
CURRENT ORGANIZATION AND FUNDING  
ARRANGEMENTS FOR HOMEMAKER  
SERVICES, (2) RECRUITMENT AND  
TRAINING, AND (3) DIRECTIONS FOR  
FUTURE ACTIONS. (SN)

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## NOTE

MANY CURRICULUM DEVELOPMENT PROJECTS ARE UNDERWAY THROUGHOUT THE UNITED STATES. BEGINNING WITH THIS ISSUE AIM/ARM WILL PROVIDE INFORMATION ON THESE PROJECTS.

WE URGE YOU TO CONTACT YOUR REGIONAL CURRICULUM MANAGEMENT CENTER (SEE DIRECTORY ON PAGE ) FOR INFORMATION ABOUT CURRENT CURRICULUM DEVELOPMENT WORK IN YOUR STATE AND REGION. PLEASE REPORT CURRICULUM DEVELOPMENT PROJECTS UNDERWAY TO THESE CENTERS. THEY WILL SUBMIT THIS INFORMATION TO AIM/ARM.

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**Development of Strategies for Incorporating Career  
Education in Teacher Training Programs**

**VTP 1211**

**Project SSAVE (Small School Alternatives in  
Vocational Education)**

**VTP 1212**

**VTP 1172**

**Title:** Arkansas Curriculum Guide for Practical Nurses Education.

**Developer:** Lloyd Greenwell, Supervisor of Health Occupations Education, Department of Education, Arch Ford Ed. Bldg., Little Rock, Arkansas, 72201

**Institution:** Department of Education, Arch Ford Ed. Bldg., Little Rock, Arkansas, 72201

**Sponsor:** Department of Education, Arch Ford Ed. Bldg., Little Rock, Arkansas, 72201

**Duration:** From To 1975

**Description of Project:** A 48 week curriculum divided into three semesters, follows minimum standards outlined by Arkansas Nursing Board. The curriculum is now being field tested in most of the LPN Schools in the state.

**VTP 1173**

**Title:** Arkansas Teachers Guide for Vocational Orientation.

**Developer:** Oswald Weise, Supervisor of Orientation

**Institution:** Department of Education, Arch Ford Education Building, Little Rock, Arkansas, 72201

**Sponsor:** Department of Education, Arch Ford Education Building, Little Rock, Arkansas, 72201

**Duration:** From To July 1, 1974

**Description of Project:** This curriculum development project is designed to revise a guide presently centered around the Department of Transportation categories to a guide around the fifteen U. S. Office of Education clusters.

**VTP 1174**

**Title:** Distributive Education Packets.

**Developer:** Glenna Cosgrove, Supervisor of D.E., Department of Education

**Institution:** Department of Education; Arch Ford Education Building, Little Rock, Arkansas, 72201

**Sponsor:** Dept. of Education; Arch Ford Education Building; Little Rock, Arkansas, 72201

**Duration:** From To June 30, 1974

**Description of Project:** This curriculum material is individualized instruction for D.E. students which show what the student will learn on the job and what he will learn in the classroom.

**VTP 1175**

**Title:** Annotated Bibliography of Cooperative Occupational Education Instructional Materials and Methods 5-C(G).

**Developer:** Dr. E. Edward Harris

**Institution:** Northern Illinois University

**Sponsor:** Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education

**Duration:** From July 1, 1973 To June 30, 1974

**Description of Project:** Part G of the Vocational Education Amendments of 1968 provide for curriculum activities for cooperative vocational education for special needs students. Many teacher-coordinators are unaware of available curriculum guides, audio-visual materials, programmed learning materials, methods, etc., which would help them in providing related class instruction for cooperative education students. An annotated bibliography of materials and methods available would help in improving instruction in cooperative occupational education. (1) Collect all available instructional materials and methods related to cooperative education programs. (2) Evaluate instructional materials and methods collected as to their potential to serve regular and special cooperative students. (3) Annotate each reference according to the content and potential for serving youth. (4) Present materials to a jury of "users" for validation.

**VTP 1176**

**Title:** The Development of a "Handbook" for High School and Post-High School Guidance Personnel.

**Developer:** Robert W. Walker

**Institution:** University of Illinois, Urbans-Champaign Campus

**Sponsor:** Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education  
**Duration:** From July 1, 1973 To June 30, 1974

**Description of Project:** The "handbook" will serve to orient and prepare guidance counselors to serve as the coordinator of occupational guidance in their respective schools. Through the use of this guidance tool, guidance personnel will become aware of the career education concept and the place of occupational education. The guidance of all students will be more effective when the expertise of the school instructional staff and lay personnel in the community is utilized by guidance personnel to assist students to choose, prepare for, and enter an occupation. (1) Analyze guidance program content in situations which have been recognized nationally. (2) Study in depth a sample of programs within the State of Illinois. (3) Identify guidance activities which are included in functional programs in occupational guidance. Select appropriate activities for inclusion in "handbook". (4) Construct, review, examine, and evaluate a handbook to provide guidance personnel with an aid in developing programs for occupationally oriented students by February 28, 1974. (5) Field test the handbook by involving practicing guidance personnel at the elementary, secondary, and post-secondary level and instructional staff enrolled in in-service education courses during spring 1974. (6) Revise handbook reflecting field test results. (7) Conduct workshop with University of Illinois staff, consultants, and DVTE representatives to review manuscript by May 1974. (8) Print 3,000 handbooks and deliver to DVTE.

VTP 1177

**Title:** Pilot "Capstone" Baccalaureate Degree Programs Which Build On Competencies Gained In Community College Occupationally Oriented Programs and Work Experience.

**Developer:** Eugene S. Wood

**Institution:** Southern Illinois University, Carbondale, Illinois 62901  
**Sponsor:** Illinois Board of Vocational Education and Rehabilitation, Division of Vocational and Technical Education  
**Duration:** From July 1, 1973 To June 30, 1974

**Description of Project:** The objectives of the project are: (1) To develop, test, and refine a two-year "Capstone" program at Southern Illinois University at Carbondale providing occupational graduates from community colleges with additional occupational knowledges, skills and teaching competencies. (2) Formulate a transitional program outlining the procedures for implementing "Capstone" programs in other universities in Illinois.

VTP 1178

**Title:** Conceptionally Based Industrial Education.

**Developer:** Dr. Edgar Webb, Head of Industrial Arts Department

**Institution:** Industrial Arts Department, Wichita State University, Wichita, Kansas

**Sponsor:** Industrial Arts Department, Wichita State University, Wichita, Kansas

**Duration:** From To be piloted in schools for the 1973-74 school year

**Description of Project:** This curriculum development project is designed to produce a manual to "bridge the gap" between Industrial Arts concept programs at 11th and 12th grade levels. Grade levels run from 9 through 11 and clusters covered are: Construction, Materials and Processes, Visual Communications, and Power and Energy.

VTP 1179

**Title:** Advanced Electronics II.

**Developer:** Leroy Estes

**Institution:** Department of Education Building, Capitol Complex, Santa Fe, New Mexico 87501

**Sponsor:** Department of Education Building, Capitol Complex, Santa Fe, New Mexico 87501

**Duration:** From 1973 To August, 1974

**Description of Project:** This curriculum manual is designed for the second year vocational Electronics student and includes electronics servicing and industrial electronic applications.

VTP 1180

**Title:** Basic Clothing.

**Developer:** Penny Jiminez, Department of Education Building, Capitol Complex, Santa Fe, New Mexico, 87501

**Institution:** Department of Education Building, Capitol Complex, Santa Fe, New Mexico, 87501

**Sponsor:** Department of Education, Capitol Complex, Santa Fe, New Mexico, 87501

**Duration:** From 1973 To August, 1974

**Description of Project:** A curriculum manual for the first semester, Basic Introduction to Clothing, will serve grades 9 thru 12 for those students who need the foods introductory program.

VTP 1181

**Title:** Basic Foods I.

**Developer:** Penny Jiminez, Department of Education Building, Capitol Complex, Santa Fe, New Mexico, 87501

**Institution:** Department of Education Building, Capitol Complex, Santa Fe, New Mexico, 87501

**Sponsor:** Department of Education, Capitol Complex, Santa Fe, New Mexico, 87501

**Duration:** From 1973 To August, 1974

**Description of Project:** A curriculum manual for the first semester, Basic Introduction to Food, will serve grades 9 thru 12 for those students who need the foods introductory program.

VTP 1182

**Title:** Office Education Simulation Skills.

**Developer:** Bill Jackson

**Institution:** State Department of Education Bldg., State Capitol Complex, Santa Fe, New Mexico, 87501

**Sponsor:** State Department of Education Building, State Capitol Complex, Santa Fe, New Mexico, 87501

**Duration:** From 1973 To August, 1974

**Description of Project:** This curriculum development project is designed to produce a curriculum manual for use in the 12 grades, 2 and 3 hour blocks, intensive vocational education program. Simulation activities will be developed for various office positions.

VTP 1183

**Title:** E.P.D.A. Sub-Project - Occupational Analysis.

**Developer:** Tom Hindes/William Ashley

**Institution:** T & I Instructional Materials Laboratory, The Ohio State University

**Sponsor:** Ohio Dept. of Education, Division of Vocational Education - funded by H.E.W. through E.P.D.A. 553

**Duration:** From August 1, 1973 To August 30, 1974

**Description of Project:** The Occupational Analysis Project will train instructors in the techniques of Occupational and Task analysis. A total of 75 occupations are scheduled for analysis. The completed analysis document will contain an inventory of task statements and the identified required skills and knowledge related to each task as performed by incumbent workers.

VTP 1184

**Title:** Auto Body.

**Developer:** Dr. Wayman Penner

**Institution:** Oklahoma State Department of Vocational and Technical Education; Curriculum Instructional Materials Center; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

**Sponsor:** Oklahoma State Department of Vocational and Technical Education, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

**Duration:** From June 1973 To August 1, 1974

**Description of Project:** This Curriculum Manual contains units of instruction for all areas of Auto Body. Each unit of instruction includes behavioral objectives, suggested activities for instructors and students, information

sheets, assignment sheets, job sheets, tests, answers to tests, and transparency masters. This material is designed to be used by upper level high school students.

VTP 1185

Title: Career Education Awareness.

Developer: Jeanetta Shipp

Institution: Oklahoma State Department of Vocational and Technical Education, Curriculum and Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Sponsor: Oklahoma State Department of Vocational and Technical Education - U.S. Office of Education Grant; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Duration: From August 1972 To September 1974

Description of Project: This curriculum development project is designed to produce a manual of ten modules including a teacher's guide. Also audiovisual materials (slides and tapes), an Elementary Dictionary of Occupational Titles. Currently the project is in the field-testing stage and interviewing tech. in revision.

VTP 1186

Title: Career Educa. on Exploratory.

Developer: Dr. Irene Clements

Institution: Oklahoma State Department of Vocational and Technical Education; Curriculum and Instructional Materials Center; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Sponsor: Oklahoma State Department of Vocational and Technical Education - U.S. Office of Education Grant; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Duration: From August 1972 To September 1974

Description of Project: This curriculum development project is designed to produce a manual of three nine-weeks modules of instruction to explore careers in the construction, transportation, and manufacturing clusters. Construction and

transportation are being field tested. Manufacturing will be ready for editing in February.

VTP 1187

Title: Career Education Related.

Developer: Dr. Irene Clements

Institution: Oklahoma State Department of Vocational and Technical Education, Curriculum Instructional Materials Center, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Sponsor: Oklahoma State Department of Vocational and Technical Education - U.S. Office of Education Grant; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Duration: From August 1972 To September 1974

Description of Project: This curriculum development project is designed to produce a manual of five modules (approximately two weeks in length) in each of four academic areas: English, Math, Science, and Social Studies. Three modules in each area are being field tested. Two units in each area are to be field tested second semester.

VTP 1188

Title: Commercial Carpentry.

Developer: Dr. Wayman Penner

Institution: Oklahoma State Department of Vocational and Technical Education; Curriculum and Instructional Materials Center; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Sponsor: Oklahoma State Department of Vocational and Technical Education; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

Duration: From July 1973 To March 1, 1974

Description of Project: This curriculum manual is designed for the upper high school level student and contains units of instruction in the following areas: Tools and Related Information, Blueprint Reading, Site Preparation and Layout, Forming, Framing, Exterior Finish, and Interior Wall Finish and Trim. Each unit of instruction includes

behavioral objectives, suggested activities for instructors and students, information sheets, assignment sheets, job sheets, tests, answers to tests, and transparency masters.

VTP 1189

Title: Fashion Merchandising.

Developer: Ann Benson, 1515 West 6th Avenue, Stillwater, Oklahoma, 74074  
Institution: The Center for the Development of Curriculum and Instructional Materials, 1515 West Sixth Avenue, Stillwater, Oklahoma, 74074  
Sponsor: State Department of Vocational and Technical Education, Stillwater, Oklahoma, 74074  
Duration: From                      To December, 1974

Description of Project: Eight topics and twenty-one units of instruction for training retail fashion sales personnel. Each unit of instruction includes behavioral objectives, suggested activities for instructors and students, information sheets, assignment sheets, job sheets, tests, answers to tests, and transparency masters. Above is designed for about sixteen weeks of related instruction time.

VTP 1190

Title: Home Economics & Child Development.

Developer: Ann Benson, 1515 West 6th Avenue, Stillwater, Oklahoma, 74074  
Institution: Oklahoma State Department of Vocational and Technical Education, The Center for the Development of Curriculum and Instructional Materials, 1515 West Sixth Avenue, Stillwater, Oklahoma, 74074  
Sponsor: Oklahoma State Department of Vocational and Technical Education, Stillwater, Oklahoma, 74074  
Duration: From July 1973 To May 1, 1974

Description of Project: Twenty-four units designed for in-depth study of child development at the junior or senior level. Each unit includes behavioral objectives, suggested activities for instructors and

students, information sheets, assignment sheets, job sheets, answers to tests, and transparency masters. These units will be used as the basis for development of occupational child care.

VTP 1191

Title: Instructional Materials for Forestry.

Developer: Dr. Pete Braker, 1515 West Sixth Avenue, Stillwater, Oklahoma 74074  
Institution: Oklahoma State Department of Vocational and Technical Education; Curriculum Instructional Materials Center; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074  
Sponsor: No data  
Duration: From 1972 To May 1, 1974

Description of Project: This Curriculum Material contains twenty units for programs in Forestry. Each unit of instruction includes behavioral objectives, suggested activities for instructors and students, information sheets, assignment sheets, job sheets, tests, answers to tests, and transparency masters. The units contain information needed by people that are preparing for employment in the forestry industry or working for a degree in forestry.

VTP 1192

Title: LPN Health Occupation.

Developer: Ann Benson, 1515 West 6th Avenue, Stillwater, Oklahoma, 74074  
Institution: Oklahoma State Department of Vocational and Technical Education, The Center for the Development of Curriculum and Instructional Materials, 1515 W. Sixth Avenue, Stillwater, Oklahoma, 74074  
Sponsor: Oklahoma State Department of Vocational and Technical Education, Stillwater, Oklahoma, 74074  
Duration: From June 1973 To May 1, 1974

Description of Project: First of three areas included in the practical nursing programs. Each unit includes behavioral objectives, suggested activities for instructors and students, information

sheets, assignment sheets, job sheets, answers to tests, and transparency masters. Area I includes personal vocational relationships, life science and health and basic nursing principles and skills.

**VTP 1193**

**Title:** Welding (revision).

**Developer:** Bob Patton, Assistant Coordinator

**Institution:** Oklahoma State Department of Vocational and Technical Education; Curriculum Instructional Materials Center; 1515 West Sixth Avenue, Stillwater, Oklahoma 74074

**Sponsor:** Oklahoma State Department of Vocational and Technical Education; 1515 West Sixth Avenue; Stillwater, Oklahoma 74074

**Duration:** From August 1972 To August 1, 1974

**Description of Project:** This Curriculum Manual contains units of instruction in areas of Shop Orientation, Gas Welding, Arc Welding, Blueprint Reading, and Oxyacetylene Welding. Each unit of instruction includes behavioral objectives, suggested activities for instructors and students, information sheets, assignment sheets, job sheets, tests, answers to tests, and transparency masters. This material is designed to be used by upper level high school students.

**VTP 1194**

**Title:** Instructional Program Development for Selected Occupational Areas.

**Developer:** Homer L. Horton

**Institution:** JEFF-TECH (AVTS), Reynoldsville, PA

**Sponsor:** PA Bureau of Vocational Education

**Duration:** From July 1973 To June 1975

**Description of Project:** Occupational Areas: Auto Mechanics; Building Trades; Carpentry; Electrical Construction; Food Services; Laboratory Technology; Metal Fabrication. Products: Analysis of each occupational area. Synthesis of skills and information to provide

instructional programs for 1,000 hours of training for each occupational area. Clear identification of manipulative skills described verbally and with graphic illustrations. Preparation of operations sheets, job sheets, information sheets, and assignment sheets. Materials written at 5th to 7th grade reading level for use with secondary and adult students.

**VTP 1195**

**Title:** Course of Study Development for Trade and Industrial Programs.

**Developer:** Harry M. Kraft

**Institution:** Pennsylvania State University, University Park, PA

**Sponsor:** PA Bureau of Vocational Education

**Duration:** From July 1972 To June 1976

**Description of Project:** Course of study and job sheets for T & I programs: (1) Bricklaying; (2) Commercial Art; (3) Plumbing; (4) Radio and Television; (5) Textile Production and Fabrication; (6) Materials Handling; (7) Painting and Decorating; (8) Drafting; (9) Carpentry; (10) Appliance Repair; (11) Building Trades Maintenance; (12) Graphic Arts; (13) Brick Masonry; (14) Sheet Metal; (15) Automotive Body & Fender; (16) Machine Shop Practice; (17) Diesel Mechanics; (18) Automotive Mechanics; (19) Welding; (20) Building Construction Trades; (21) Heating; (22) Air Conditioning/Refrigeration; (23) Millwork and Cabinetmaking; (24) Electrical (General); (25) Electronics Technology. For use with secondary and adult students.

**VTP 1196**

**Title:** Automobile Air Conditioning Mechanic.

**Developer:** Robert R. Luter, Director

**Institution:** Division of Extension; University of Texas; Austin, Texas 78712

**Sponsor:** Division of Extension; University of Texas; Austin, Texas 78712

**Duration:** From                      To March 1974

**Description of Project:** This curriculum development project is designed to produce a supervised study manual completely self-contained with assignments to assist students training in this service and repair field. Includes assignment tests and coordinator's guide for assistance with tests and assignments.

VTP 1197

**Title:** Building Maintenance Man.

**Developer:** Robert R. Luter, Director  
**Institution:** Division of Extension;  
University of Texas; Austin, Texas  
78712.

**Sponsor:** Division of Extension;  
University of Texas; Austin, Texas  
78712

**Duration:** From            To March 1974

**Description of Project:** This curriculum development project is designed to produce a supervised study manual completely self-contained with assignments for students training for this occupation. Includes assignment tests and coordinator's guide with answers to questions and tests.

VTP 1198

**Title:** Cabinetmaker.

**Developer:** Robert R. Luter, Director  
**Institution:** Division of Extension;  
University of Texas; Austin, Texas  
78712

**Sponsor:** Division of Extension;  
University of Texas; Austin, Texas  
78712

**Duration:** From            To May 1974

**Description of Project:** This curriculum development project is designed to revise an older study manual. The new manual is to be self-contained with assignments designed for students who require supervised study in related instruction. Includes tests and a coordinator's guide.

VTP 1199

**Title:** Carpenter (revised).

**Developer:** Robert R. Luter, Director

**Institution:** Division of Extension;  
University of Texas; Austin, Texas  
78712

**Sponsor:** Division of Extension;  
University of Texas; Austin, Texas  
78712

**Duration:** From            To May 1974

**Description of Project:** This curriculum development project is designed to revise an older study guide. The new manual is to be self-contained. Assignments based on task analysis of a carpenter's on-the-job training. Includes tests and coordinator's guide.

VTP 1200

**Title:** Clothing and Textiles.

**Developer:** Linda Glosson, Home  
Economics Instructor, Materials Center,  
P. O. Box 4067, Lubbock, Texas 79409

**Institution:** Curriculum Materials  
Center, P. O. Box 4067, Lubbock, Texas  
79409

**Sponsor:** Curriculum Materials Center,  
P. O. Box 4067, Lubbock, Texas 79409

**Duration:** From            To Spring 1974

**Description of Project:** This curriculum development project is designed to produce a subject area guide with reference list based on conceptual framework.

VTP 1201

**Title:** CVAE Food Services.

**Developer:** Linda R. Glosson  
**Institution:** Instructional Materials  
Center, P. O. Box 4067, Lubbock, Texas  
79409

**Sponsor:** Curriculum Materials Center,  
P. O. Box 4067, Lubbock, Texas 79409

**Duration:** From            To Spring, 1974

**Description of Project:** This curriculum development project is designed to produce materials for teaching laboratory training programs using commercial equipment to students with a low reading level.

VTP 1202

**Title:** Distribution.

Developer: Bob Luter, Director,  
Division of Extension, University of  
Texas, Austin, Texas, 78712

Institution: Division of Extension,  
University of Texas, Austin, Texas  
78712

Sponsor: Division of Extension,  
University of Texas, Austin, Texas  
78712

Duration: From            To Contact  
Director for information

Description of Project: Development mid management for post-secondary in six parts: (1) Pre-Employment Curriculum - Complete, self-contained teaching curriculum for preparatory or non-cooperative type students in a laboratory learning situation. Format includes objectives, content for teaching subject matter, suggested teaching outline, and projects. Also included will be transparencies and a bibliography. Projected Date and Completion, August, 1974. (2) Functional Supervision - A teaching manual for adult distributive education. A revision of How To Supervise, Part I and How To Train, Part II. The single manual incorporates both subjects and is in a new format with content on two-thirds page and a wide margin for teacher's notes.

February, 1974. (3) Fashion Fundamentals - A student's individualized instruction manual that introduces the fashion field as a career. Assignments lead student into the fundamentals of fashion--line, form, color, periods, styles, and applies these to selling and merchandising today. Projected Date and Completion, March, 1974. (4) Furniture for Home - A student individualized instruction manual that gives sales and product information on selling furniture for the home. Assignments examine woods, non-wood materials, construction, design, function, styles, finishes, and selling points. Projected Date and Completion, April, 1974. (5) Infants' and Childrens' Wear - A student individual assignment manual that gives sales and product information on all infants' and children's wear apparel items, including the Boy Scout and Girl Scout Departments. Projected Date of Completion, April, 1974. (6) Mass

Merchandising - A student individual assignment manual for those training in variety store, discount store, surplus stores and other self-service types of merchandisers. Assignments help student understand beginning management and supervisory duties. Projected Date of Completion, August 1974.

VTP 1203

Title: Draftsman.

Developer: Robert R. Luter, Director  
Institution: Division of Extension,  
University of Texas; Austin, Texas  
78712

Sponsor: Division of Extension,  
University of Texas; Austin, Texas  
78712

Duration: From            To August, 1974

Description of Project: This curriculum development project is designed to produce materials that are a revision of an older study guide. Complete, self-contained, includes tests and coordinators guide.

VTP 1204

Title: Machinist Trade.

Developer: Dewey Cowling, Assistant  
Coordinator

Institution: Vocational Instructional  
Services; F.E. Box 182; Texas A & M  
University; College Station, Texas  
77843

Sponsor: Texas A & M University; F.E.  
Box 182; College Station, Texas 77843

Duration: From            To June, 1974

Description of Project: This curriculum development project is instructional materials for the teacher, student and transparencies for supportive material.

VTP 1205

Title: Plumber.

Developer: Robert R. Luter, Director  
Institution: Division of Extension,  
University of Texas; Austin, Texas  
78712

Sponsor: Division of Extension;  
University of Texas; Austin, Texas  
78712

Duration: From To June, 1974

Description of Project: This curriculum development project is designed to revise an older study guide that is self-contained, including tests and coordinator's guide.

VTP 1206

Title: Production Agriculture-Color Slides.

Developer: Foy Page, Coordinator  
Vocational Instructional Services  
Institution: Texas A & M University;  
F.E. Box 182; College Station, Texas  
77843

Sponsor: No data  
Duration: From To September, 1974

Description of Project: This Curriculum Material is color slides to support instructional materials for Production Agriculture. They include Selecting and grading livestock, selecting dairy cattle, cheese-identification, and meat judging and identification.

VTP 1207

Title: Refrigeration and Air Conditioning Mechanic.

Developer: Robert R. Luter, Director  
Institution: Division of Extension,  
University of Texas, Austin, Texas  
78712

Sponsor: Division of Extension,  
University of Texas, Austin, Texas  
78712  
Duration: From To July, 1974

Description of Project: This curriculum development project is designed to produce a complete, self-contained, supervised study manual for students training in this occupation. Includes tests and coordinator's guide.

VTP 1208

Title: Water Utility Technician.

Developer: Robert R. Luter  
Institution: Division of Extension;  
University of Texas; Austin, Texas  
78712

Sponsor: Division of Extension;  
University of Texas; Austin, Texas  
78712

Duration: From To December 1974

Description of Project: This curriculum development project is designed to produce an instructional manual for a new occupational field for students working in municipal water utility and water treatment places. Will include task analysis, keyed assignment, tests and coordinators guide.

VTP 1209

Title: Career Education Project.

Developer: Richard D. Johnson  
Institution: Cashmere, Peshastin-  
Dryden, Washington

Sponsor: No data  
Duration: From September 1, 1974 To  
June 30, 1975

Description of Project: To provide assistance to school districts in the implementation of Career Education programs as follows: (1) Teachers in-service workshops will be provided. (2) Curriculum materials, guides, ideas, etc. will be provided. (3) Assist school districts in planning Career Education oriented field trips. (4) Assist school districts in planning a realistic occupational guidance program. (5) Assist school districts in involving community persons in Career Education, including the establishment of a Career Education Advisory Committee. Intended audience includes staff in various school districts within the state, about 30 districts. The goal of a proposed program is to diffuse successful Career Education programs so that the education impact of the talents, efforts, ideas, and support, involved in such programs, can bear fruit for the educational community at large.

VTP 1210

Title: Career Education Project.

Developer: Dr. Ronald M. Frye  
Institution: Cashmere, Peshastin-Dryden,  
Washington

Sponsor: No data  
Duration: From January 2, 1973 To  
August 31, 1974

**Description of Project:** To expose students to a variety of occupations, to inform them of occupational requirements and where possible, involve students in cooperative occupational programs and/or laboratory experiences. Also, where possible to enable students to observe on the job performance. Develop techniques, procedures and materials which complement existing curriculum. To disseminate information and materials to education agencies within the state and nation. To establish a comprehensive program of career education (K-14) in three small economically disadvantaged communities. Further, to provide a model with salient features that have both transportability and impact throughout the State of Washington. Intended audience includes all students and staff in the above districts (1530 students 100 staff certified and non-certified).

## VTP 1211

**Title:** Development of Strategies for Incorporating Career Education in Teacher Training Programs.

**Developer:** Glen O. Fuglsby, Professor & Chairman, Dept. of Industrial Ed. & Tech.

**Institution:** Eastern Washington State College - Cheney, Washington

**Sponsor:** No data

**Duration:** From October 1, 1973 To June 30, 1974

**Description of Project:** To develop initial strategies for incorporating Career Education into many teacher training disciplines of preparing institutions. Each strategy team will complete written institutional strategy plans for infusing Career Education concepts and techniques broadly in teacher training programs at their home institutions. Intended audience includes 5 member strategy teams from each of the 5 four year public instituti institutions involved in teacher preparation. The ultimate audience is the teacher educators in the State of Washington.

## VTP 1212

**Title:** Project SSAVE (Small School Alternatives in Vocational Education).

**Developer:** Jerry W. Shiveley, Norman J. Sadler & Dr. Douglas C. Towne

**Institution:** Morton, Mossyrock, Onalaska & White Pass School Dist., Washington

**Sponsor:** No data

**Duration:** From January 15, 1974 To June 30, 1974 (Anticipated 12 month continuation)

**Description of Project:** Project SSAVE deals primarily with high school students and the difficulty of offering a diversity of vocational programs in small rural high schools. Various alternatives are being explored as viable methods of increasing vocational offerings at each of the high schools in the project and consequently better meeting the needs of their students. The alternatives are: busing, mobile units, community involvement, large high schools cooperating with small rural schools, and mobility of staff, materials, etc. During the initial stages of the project determined the appropriate course offerings to be expanded in the local area. Subsequently appropriate mobile facilities and equipment were designed and obtained as well as evaluation methods being designed for implementation phase. The following year of the project will evaluate cost feasibility of each method as well as student, community, and staff acceptance. To develop and implement alternatives of offering vocational education programs in small high schools and to assess relative costs of each method. Intended audience includes high school students in 4 small rural districts plus model for other small schools.

## VTP 1213

**Title:** Vocational-Technical Education Curriculum Laboratory Grant.

**Developer:** Herbert Bruce, Jr.

**Institution:** University of Kentucky, Lexington, Kentucky

**Sponsor:** Bureau of Vocational Education and Curriculum Center for Occupational and Adult Education, USOE

**Duration:** From July 1, 1972 To December 31, 1974

**Description of Project:** To broaden the objectives of the Curriculum Development Center to include Career Education. To develop teacher guides in 10 cluster areas plus a general orientation guide: (1) Agribusiness, (2) Communications and Media, (3) Business and Office, (4) Construction, (5) Consumer Homemaking and Related Occupations, (6) Fine Arts and Humanities, (7) The World of Health, (8) Natural Resources and Environmental Occupations, (9) Marketing and Distribution, (10) Transportation, and (11) Orientation to the World of Work. These guides are to be completed by September, 1974.

VTP 1214

**Title:** Academic Cooperative Career Education Program Today.

**Developer:** Peter Hoskey and Michael Lauten

**Institution:** Scotch Plains-Fanwood High School, Scotch Plains, New Jersey

**Sponsor:** New Jersey Curriculum Management Center

**Duration:** From December 1973 To June 1974

**Description of Project:** Developed for high school special needs students, this program integrates, through a project approach, the academic areas of learning with career orientation around the life-style of the student. Some learning experiences for the students in the ACCEPT Program will include: the individual and his society, how our economy works, researching manufacturing and service industries, students' role in government and his role as consumer.

VTP 1215

**Title:** Career Information Center.

**Developer:** Robert Bornstein, Administrative Assistant

**Institution:** Career Development Program, New Brunswick (N.J.) Public Schools

**Sponsor:** New Jersey Curriculum Management Center

**Duration:** From December 1973 To June 1974

**Description of Project:** It is anticipated that this manual will be of

particular usefulness to school districts involved in New Jersey's comprehensive career education program. Particular emphasis is placed on the staff roles which are typical to career information centers, which include those of the director, multi-media coordinator, school-industry coordinator, and job placement specialist. The manual should also be of considerable value to districts not participating in the state program, since many of the concerns discussed are identical. The developer is proceeding by involving other staff members at the New Brunswick Career Information Center, which was one of the three original sites of the Governor's Career Development Project. Chapters relating to each of the specialized roles are being written by the specialists, and coordinated and edited by the developer.

VTP 1216

**Title:** Career Resource Center: A Handbook for Implementation.

**Developer:** Robert E. Sullivan, Coordinator, Career Resource Center

**Institution:** Career Resource Center, East Brunswick (N.J.) High School

**Sponsor:** New Jersey Vocational-Technical Curriculum Laboratory

**Duration:** From December 1973 To June 1974

**Description of Project:** It is anticipated that the Handbook for Implementation will be of particular interest to school districts interested in establishing a career resource center under conditions of limited funding and staffing. Topics dealt with in the publication include the role of the CRC within the school and community, staffing, necessary facilities and equipment, public relations, sources of occupational information, procedures for delivering such information to students and teachers, and job placement activities. The Handbook is written out of the author's experience as Coordinator of the Career Resource Center at East Brunswick, which has been designated by the New Jersey Division of Vocational Education as a state model.

**VTP 1217**

**Title:** Employment Orientation Curriculum (Tool Technology, Silk Screen, Electricity).

**Developer:** Joseph Tomaselli - with support from Elizabeth Anderson, Robert Lightbody, Richard Meister, and Larry McNamara

**Institution:** Thorne Junior High School, Middletown Township, New Jersey

**Sponsor:** New Jersey Vocational-Technical Curriculum Laboratory

**Duration:** From December 1973 To June 1974

**Description of Project:** This curriculum is different in that it teaches our Employment Orientation students skills that they will need to teach 4th graders. The 4th grades are participating in Middletown Township's Technology for Children Project, and will come to Thorne Junior High as a field trip and be instructed by Employment Orientation Students. While the Employment Orientation students are themselves learning the skills in tool technology, silk screen and electricity, they will be utilizing the tools of the trades as well as taking mini-trips to the career sites. As a result of this approach, it is anticipated that the self-esteem of the Employment Orientation students will be so enhanced that they will stay in school and become skilled enough to become constructive citizens.

**VTP 1218**

**Title:** Kenny Career in Transportation Land.

**Developer:** Rochelle Gealt, teacher

**Institution:** Maud Wilkins School, Maple Shade, New Jersey

**Sponsor:** New Jersey Vocational-Technical Curriculum Laboratory

**Duration:** From December 1973 To June 1974

**Description of Project:** "Kenny Career in Transportation Land" is the first in a series of student activity books for the primary grades. Each of the books in the series will be related to one of the USOE occupational clusters. Children using the books will color, connect dots, and identify terms. Each

section of the accompanying teacher's manual contains behavioral objectives, a narration to be read or dramatized, learning activities, and a resource materials list. There is also a section dealing with evaluation procedures for the unit.

**VTP 1219**

**Title:** Real Estate for the High School Student - A Simulation Experience.

**Developer:** Jack J. Schetting

**Institution:** Montville High School, Montville, New Jersey

**Sponsor:** New Jersey Curriculum Management Center

**Duration:** From December 1973 To June 15, 1974

**Description of Project:** The curriculum being developed is intended to provide students (Senior High School Grades 10-12, Marketing and Distribution) with the opportunity, through simulation, to purchase real estate from initial contracts, finance, insurance, ownership responsibilities and ordinances. Career planning will be enhanced as the student reviews associated occupations and options in the world of work.

**VTP 1220**

**Title:** 7-9 Comprehensive Career Education Curriculum for Math.

**Developer:** Joseph Tomaselli - with support from Larry McNamara, Diane Lenartowicz, John Harper, Ken Warren, Bob Lightbody

**Institution:** Thorne Junior High School, Middletown Township, New Jersey

**Sponsor:** New Jersey Vocational-Technical Curriculum Laboratory

**Duration:** From December 1973 To June 1974

**Description of Project:** This curriculum is designed to show teachers how the career education learning unit approach can be progressive and sequential through the Junior High level. At the 7th grade level, designing and making a model of a ranch-style house is used to show why the 7th grade math concepts are necessary. The 8th grade units deal with the stock market and Pinewood Derby race cars. The 9th grade units deal with map

making and school store. All three units have been field tested in our Junior High School and have received enthusiastic support from students, teachers, school board, and local community.

## CURRICULUM MANAGEMENT CENTERS DIRECTORY

- |   |  |
|---|--|
| ARIZONA                                     | Dr. Patrick J. Weagraff, Director                      |
| CALIFORNIA                                  | Curriculum Management Center                           |
| HAWAII                                      | Vocational Education Section                           |
| NEVADA                                      | Department of Education                                |
| UTAH  | 721 Capitol Mall                                       |
| AMERICAN SAMOA                              | Sacramento, California 95814                           |
| GUAM  |  |
| TRUST TERRITORIES OF<br>THE PACIFIC ISLANDS |  |
| ILLINOIS                                    | Mr. William E. Reynolds, Director                      |
| INDIANA                                     | Curriculum Management Center                           |
| IOWA  | Professional and Curriculum Development Unit           |
| MICHIGAN                                    | Division of Vocational-Technical Education             |
| MINNESOTA                                   | 1035 Outer Park Drive                                  |
| WISCONSIN                                   | Springfield, Illinois 62706                            |
| DISTRICT OF COLUMBIA                        | Dr. Herbert Bruce, Director                            |
| KENTUCKY                                    | Curriculum Management Center                           |
| OHIO  | Vocational Education                                   |
| TENNESSEE                                   | University of Kentucky                                 |
| VIRGINIA                                    | 152 Taylor Education Building                          |
| WEST VIRGINIA                               | Lexington, Kentucky 40506                              |
| ALABAMA                                     | Dr. James E. Wall, Director                            |
| FLORIDA                                     | Curriculum Management Center                           |
| GEORGIA                                     | Mississippi State University                           |
| LOUISIANA                                   | Research and Curriculum Unit                           |
| MISSISSIPPI                                 | Drawer JW  |
| NORTH CAROLINA                              | Mississippi State, Mississippi 39762                   |
| SOUTH CAROLINA                              |  |
| CONNECTICUT                                 | Dr. Joseph Kelly, Director                             |
| DELAWARE                                    | Curriculum Management Center                           |
| MAINE                                       | Bureau of Occupational Research                        |
| MARYLAND                                    | Division of Vocational Education                       |
| MASSACHUSETTS                               | 225 West State Street                                  |
| NEW HAMPSHIRE                               | Trenton, New Jersey 98625                              |
| NEW JERSEY                                  |  |
| NEW YORK                                    |  |
| PENNSYLVANIA                                |  |
| PUERTO RICO                                 |  |
| RHODE ISLAND                                |  |
| VERMONT                                     |  |
| ARKANSAS                                    | Mr. Ron Meek, Director                                 |
| COLORADO                                    | Curriculum Management Center                           |
| KANSAS                                      | State Department of Vocational and Technical Education |
| MISSOURI                                    | 1515 West 6th Avenue                                   |
| NEBRASKA                                    | Stillwater Oklahoma                                    |
| NEW MEXICO                                  |  |
| NORTH DAKOTA                                |  |
| OKLAHOMA                                    |  |
| SOUTH DAKOTA                                |  |
| TEXAS                                       |  |
| ALASKA                                      | Mr. James L. Blue, Director                            |
| IDAHO                                       | Curriculum Management Center                           |
| MONTANA                                     | Washington State Coordinating Council for Occupational |
| OREGON                                      | Education  |
| WASHINGTON                                  | 216 Old Capitol Building                               |
| WYOMING                                     | Olympia, Washington 98504                              |

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RESEARCH PROJECTS IN PROGRESS

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**Information Retrieval Demonstration and Research  
Project**

**VTP 1237**

**Investigation of Required Competencies and  
Curriculum Evaluation in Metal Occupations**

**VTP 1221**

**VTP 1221**

**Title:** An Investigation of Required Competencies and Curriculum Evaluation in Metal Occupations.

**Investigator:** William G. Welch

**Institution:** Western Wisconsin Vocational, Technical, and Adult District, LaCrosse

**Sponsor:** Wisconsin Board of Vocational, Technical and Adult Education, Madison, Wisconsin

**Duration:** From July 1973 To June 30, 1974

**Objectives:** To evaluate the effectiveness of existing programs in the metal area, to conduct a task analysis in the metals area as a basis for future curriculum decision, and to aid in curriculum changes, development and trends in the metals field, in relation to programs in Machine Tools, Welding and Metal Fabrication.

**Methodology:** The study will be conducted through both mailed surveys and personal interviews; approximately 50 employers in the quad-state area of Illinois, Wisconsin, Iowa and Minnesota will be selected for personal interviews. Other employers will be included in the mail survey. Sampling techniques will be used to insure proper distribution of employers as to relationship of size of the industry, type of employment, and geographic location. The personal interviews and mail survey will utilize comparability of data. The validity of the mail survey data will be checked against the information obtained from the personal interviews. Federal funds total \$5,585.00.

**VTP 1222**

**Title:** Occupational Needs Assessment of the Elderly.

**Investigator:** James R. Lagerstrom

**Institution:** Los Angeles Community College

**Sponsor:** California State Department of Education, Sacramento, California

**Duration:** From July 1, 1973 To May 30, 1974

**Objectives:** (1) To gather input from the various participating disciplines to determine the content and scope of the

investigation, (2) To provide in-service training to representatives of the member colleges in the Southern California Community College Institutional Research Association in methods of survey sampling and opinion research, (3) To develop appropriate instruments to survey current occupational competencies, needs, and occupational objectives of the aging target population served by participating community colleges, and (4) To develop a descriptive report of the characteristics of the target population based on a survey sampling technique that will allow inference to be made for the total target population.

**Methodology:** The Research Directors and the Occupational Education Coordinators will meet with Geriatric and Research specialists in four workshops to design instruments and assess results of data found in the local college communities. Questionnaires will be administered by the individual colleges through their office of research. The data from the questionnaires will be key punched and tabulated by computer. Analysis of the data and the derivation of conclusions will be accomplished by cooperation of the research director and the occupational education coordinator of each college in a project workshop under the direction of research and geriatric experts. Federal funds total \$9,970.00.

**VTP 1223**

**Title:** Work Concepts of Children.

**Investigator:** Thomas E. Jordan

**Institution:** University of Missouri at St. Louis

**Sponsor:** Missouri State Department of Education, Jefferson City

**Duration:** From February 1, 1974 To August 2, 1974

**Objectives:** Identify salient features of preschool home background influencing knowledge of work.

**Methodology:** Will be done via the acquisition of independent variables, research management and supervision, establishment of study staff, identification of target population, training staff examiners, location of current addresses of target population, development of a corpus of data on

selected personal and home characteristics of the children, treatment of the preceding sets of raw data for analysis by computer processing, multivariate analysis of data, and analysis of statistical findings, and preparation of a formal report covering results and implication. Federal funds total \$16,729.00.

VTP 1224

Title: A Study of the Status of Vocational Education in St. Louis Public Schools.

Institution: St. Louis Public Schools  
Sponsor: Missouri State Department of Education, Jefferson City  
Duration: From March 1, 1974 To April 30, 1975

Objectives: (1) To determine the extent of placement activities, personnel involved, statistics of success, and possible changes needed, (2) To strengthen the Career Education concept among teachers at the elementary level, (3) To strengthen the base on which vocational programs are instituted, curriculum changes made, and guidance priorities set, (4) To determine the utility made of vocational facilities and also to ascertain when entry could be obtained to a program in vocational education, (5) To determine the type of financial records kept for vocational education and use made of them to determine per unit costs, benefits, and tuition charges, and (6) To study the delivery systems of vocational education at the post-secondary level.

Methodology: (1) To provide a cohesive picture of the Saint Louis school system's vocational education program and the people it serves, (2) To provide a basis for recommendations by the researcher in conference with vocational education directors and other administrators, (3) To provide basic statistical data to employing community organizations and educators for reference and discussion, (4) To identify those areas of vocational training that need to be included, expanded, or deleted from the curriculum, (5) To examine the degree of success in graduating employable students, and the

factors governing this success, (6) To pinpoint any attitudinal problems regarding vocational education, thereby indicating the areas needing improved communications, (7) To match vocational education programming with available data on job markets, wherever possible, and (8) To help define the function of career education in vocational education. Federal funds total \$27,639.00.

VTP 1225

Title: Profile of Students in North Carolina Community Colleges.

Investigator: Ronald W. Shearan  
Institution: North Carolina State University  
Sponsor: North Carolina State Department of Public Education, Raleigh, North Carolina  
Duration: From January 15, 1974 To December 31, 1974

Objectives: (1) The replication and updating of data from an earlier study of credit students enrolled in North Carolina community colleges and technical institutes for the purpose of detecting changes in students profiles during the past five years; (2) The construction of a noncredit student socioeconomic profile in terms of age, sex, race, geographical area, and educational program area; (3) The construction of a socioeconomic profile of North Carolina adults 18 years of age and older in terms of age, sex, race, geographical area, and educational level to serve as a comparison base; and (4) Subjecting the resulting descriptive profiles to statistical tests of relationships stated in 13 research questions relating to the study variables.

Methodology: Research findings from the construction of descriptive profiles and tests of relationships should enable North Carolina Community College System educators to determine: (1) What kinds of students are being served in what kinds of educational program areas; (2) Which potential student populations are not being served by the Community College System; (3) What changes have occurred in credit student characteristics over the past five years; (4) Which students would be least likely to continue their

education were it not for the existence of community colleges and technical institutes; (5) Which students and in what proportion select these institutions as their first choice over other forms of postsecondary education; (6) Which factors affect student enrollment and to what extent; and (7) What currently enrolled students plan to do with respect to pursuing occupations within the state and with respect to continuing their education beyond the program of study in which they are currently enrolled. Federal funds total \$13,950.00.

**VTP 1226**

**Title:** Operation of Center for Educational Field Services and Research.

**Investigator:** Charles F. Smith  
**Institution:** School of Education, University of Maine  
**Sponsor:** Bureau of Vocational Education, Augusta, Maine  
**Duration:** From July 1, 1973 To June 30, 1974

**Objectives:** (1) To develop alternative educational program models based upon future projections, (2) to develop a network of organizations where School of Education programs could be tested and where successful programs might be demonstrated and diffused to other organizations, (3) to develop cooperative relationships with other organizations for the purpose of joint program development and shared applied research efforts, (4) to develop an educational brokerage service, (5) to provide in-house opportunities for faculty to improve their research skills, and (6) to coordinate funded and un-funded research projects.

**Methodology:** The Center should serve as a vehicle to a partnership between the affiliated members and provide education, research and service outside the accessibility and financial resources of individual members; The Center will serve as a unifying factor and base of support for educationally related ventures of member institutions by supplying data, endorsement and credibility to high risk exploratory and experimental projects, and The Center will provide a stable base of operation for activities within its scope, in terms of coordination, facilitation, support and nurturing

environment necessary to significant educationally related activities. Federal funds total \$5,000.00.

**VTP 1227**

**Title:** An In-School Job Placement Service for Secondary School Students.

**Investigator:** Kenneth Gray  
**Institution:** Mt. Ararat High School  
**Sponsor:** Bureau of Vocational Education, Augusta, Maine  
**Duration:** February 1, 1974 To June 30, 1976

**Objectives:** To develop, field test, and evaluate a secondary school job placement model which is integrated into an existing guidance program.

**Methodology:** The Mt. Ararat guidance department will organize and field test a job placement program which will be an integral part of the on-going career development guidance program. Job placement will be provided for graduating seniors, students seeking summer employment, students terminating their education early, and those looking for part-time work during the school year. The model will be organized into five segments or activities: needs assessment, job development, student development, placement, dissemination, and follow-up and evaluation. A job placement co-ordinator will be added to the existing staff to take full responsibility for job development. The job placement co-ordinator and existing staff will share responsibility for other segments of the project. Federal funds total \$8,900.00.

**VTP 1228**

**Title:** Teacher Training for Career Education.

**Investigator:** Charles W. Ryan  
**Institution:** University of Maine at Orono College of Education  
**Sponsor:** State of Maine Department of Education, Augusta, Maine  
**Duration:** From January 1, 1974 To June 30, 1974

**Objectives:** (1) Introduce the concepts of career education via a series of structured workshops throughout the State of Maine, (2) Demonstrate applications of career education as illustrated in the

Career Education in Maine Curriculum Guide, 1973, (3) Illustrate optional in-service training strategies that LEA's could use or adopt - a "how to" package offering ways in which prospective teachers might integrate career education into subjects K-12, and (4) Develop a Trainers Manual that could be used by LEA staff to provide in-service training for all staff. Methodology: Teacher preparation programs for career education must address the following questions: (1) What does a teacher need to know about career education to function effectively? (2) What types of skills or attitudes does a teacher need to have? (3) What methods or strategies can he or she utilize in implementation? (4) What evaluation procedure can be used to evaluate the effectiveness of career education: Federal funds total \$14,167.00.

VTP 1229

Title: Career Development in Brentwood.

Investigator: Dr. Raymond E. Bentz  
Institution: Brentwood Public School  
Sponsor: Department of Education, Brentwood, Missouri  
Duration: From March 18, 1974 To May 31, 1974

Objectives: (1) To motivate fourth, fifth, and sixth graders to become interested in the world of work and to develop an appreciation for work and for its significance in their future, (2) To assist each student in gaining an awareness of self and to explore his interests, likes, dislikes, and special skills, (3) To encourage boys and girls to explore various career opportunities and to choose a career that interests them and research this career, (4) To develop a library of career cassettes available to teachers and students, and (5) To add enrichment and depth to the curriculum by inviting the more interesting resource persons to the classroom to talk with boys and girls. Methodology: Development of career cassettes and colored slides by local community resource persons to enrich the curriculum. Resource persons will be invited to the classroom with their career

cassettes particularly interest students. Films, career education materials, and career briefs will be used to build self-awareness and to explore a variety of careers. Federal funds total \$700.00.

VTP 1230

Title: Needs Assessment Inventory for Career Education.

Investigator: Dr. James H. Fox, Jr.  
Institution: Kirkwood R-7 School District  
Sponsor: North Kirkwood Junior High School, Kirkwood, Missouri  
Duration: From January 1, 1974 To April, 1974

Objectives: To identify career education needs of students at North Kirkwood and Nipher Junior High Schools. Methodology: A Needs Assessment Inventory will be developed first by an open-end questionnaire developed by the Career Education Issues Committee, A forced-choice, or closed-end, questionnaire will be developed by the information obtained through the open-end, and the results of the forced-choice questionnaire will be tabulated to devise the curricula that is indicated by the data. Federal funds total \$388.00.

VTP 1231

Title: Entry-Level Competencies in Clothing Related Careers Needed by Graduates of Secondary Occupational Programs and Area Vocational Schools in Missouri.

Investigator: Joyce Waldrom  
Institution: Northwest Missouri State University  
Sponsor: Northwest Missouri State University, Maryville, Missouri  
Duration: From April 1, 1974 To June 30, 1975

Objectives: To determine the clothing careers which students are entering upon completion of secondary occupational programs or area vocational schools in Missouri, to determine the competencies that are needed to perform tasks required in the clothing related

occupations, and to suggest implications for preparation of teachers who will teach textile and clothing related courses in occupational programs.

Methodology: Contact administrators of high schools and area vocational schools offering occupational clothing courses for information on graduates. Select sample of graduates, employers, and teachers; prepare and implement interview form to be used with employers. Develop student and teacher questionnaires from results of employer interviews, implement questionnaires, and tabulate and analyze results of questionnaires. Federal funds total \$700.00.

#### VTP 1232

Title: Follow Up of University of Missouri-Columbia Business Education Program Entrants and Graduates from September 1, 1964 through June 30, 1974.

Investigator: Jo Behymer

Institution: University of Missouri-Columbia

Sponsor: University of Missouri-Columbia, Missouri

Duration: From September 1, 1974 To August 31, 1975

Objectives: To initiate a longitudinal follow-up procedures for business education entrants and graduates at the University of Missouri-Columbia, and secure data base in order to make decisions in program planning in business education at the University of Missouri-Columbia.

Methodology: This study is the first step in the development of longitudinal follow-up procedures for business education program entrants and graduates at the University of Missouri-Columbia from September 1, 1964, through June 30, 1974. A questionnaire will be developed to obtain data from these subjects in order to provide a systematic procedure for program assessment. Data from this investigation will be utilized as a basis for making decisions related to program development in business education at the University of Missouri-Columbia. Federal funds total \$700.00.

#### VTP 1233

Title: A Slide/Tape Presentation on Computerized Accounting Applications.

Investigator: Aldo W. Leker

Institution: Longview Community College

Sponsor: Metropolitan Junior College District, Kansas City, Missouri

Duration: From June 1, 1974 To September 1, 1974

Objectives: To prepare a slide and tape presentation documenting and highlighting selected Kansas City computerized accounting system applications. Particular attention will be focused on: (1) The design and operation of the system itself, (2) Computer and peripheral hardware being used, (3) Skills needed by the system staff, (4) Salary and other remuneration of the system staff, and (5) the audio-visual filmstrip presentation will be used as a means of acquainting accounting students with the field of computerized accounting.

Methodology: Determine scope of project based on time and cost elements, determine the number of systems to be studied and documented; Select systems to be documented, contact business organizations with representative computerized accounting systems. Request permission to conduct on site study and documentation of the system and its operating personnel; select and order equipment, in consultation with media staff, determine the most appropriate equipment to be used in documenting and presenting the systems; Study, photograph, and document systems, each computerized accounting system must be thoroughly analyzed. Interviews will be conducted with the key operating personnel to learn the operation of the system. Photographs will be taken of personnel, hardware, software, and related documents; Prepare the slides, photographs taken must be converted into slides; Prepare and tape the narrative, the narrative explaining the computerized system must be written and edited for completeness and conciseness then recorded; Select slides, appropriate slides will be selected to visually convey to the student the computerized system's structure and operation; Present to pilot group for evaluation,

the completed slide/tape presentation will be previewed by a select group of students and instructors. Critiques will be solicited; Improve the slide/tape presentation, incorporate the improvements suggested by students and instructors into the final version of the slide/tape presentation; and Present to accounting students, slide/tape presentation will be presented to computerized accounting as well as to regular accounting classes. Federal funds total \$700.00.

**VTP 1234**

**Title:** A Survey of Adding, Calculating, and Accounting Machines Being Used in Kansas City Area Businesses.

**Investigator:** Elwyn McGaugh

**Institution:** Longview Community College

**Sponsor:** Metropolitan Junior College District, Kansas City, Missouri

**Duration:** From June 1, 1974 To August 31, 1974

**Objectives:** (1) To determine what types and how many of each type of adding, calculating, and accounting machines are presently being used, (2) Determine the skill requirements for adding, calculating, and accounting machine operators, (3) Determine what problems business machine operators are called upon to solve most frequently in today's offices, (4) Determine if there is a need for instruction on machines other than those being taught, (5) Visit local business machine companies to obtain information, from their point of view, about machines they have in the field and service for businesses. We also hope to determine the new trends in the field of business machines, and (6) To prepare an analysis of the data received in relation to Longview's course in machine calculations and to publish findings in report form.

**Methodology:** Determine sample group, to decide the nature of our sample group-- whether it will be a representative sampling or as many businesses as we can contact, and consider the breakdown of companies according to type and size; Construct preliminary questionnaire and cover letter, the preliminary questionnaire and cover letter is to

trial test the effectiveness of the questions and directions. Once these results are obtained, revisions will be made before sending it to the full sample group; Compose follow-up letter, the follow-up letter will be sent if the preliminary questionnaire is not returned within the specified amount of time; Revise questionnaire, preliminary questionnaire and cover letter will be revised and mailed to companies. Stamped, self-addressed envelopes will be included; Follow up unreturned questionnaires, if questionnaires have not been returned within the allotted time, a follow-up letter or telephone call will be made; Visit business machine companies, local business machine companies will be visited to obtain product information and any other data they can supply relating to new trends in this field; Survey responses will be tabulated, results will be analyzed according to total sampling and will also be broken down into sections based on type and size of business office; Prepare analysis, survey results will be used to analyze the effectiveness of our Machine Calculations course; Make recommendations, if survey results indicate changes should be made in our course content, these changes will be recommended to the Dean of Occupational Instruction; and Publish results, results of survey will be recorded and made available to other institutions. Tables and graphs may be used to supplement written material. Federal funds total \$700.00.

**VTP 1235**

**Title:** Feasibility Study on the Need for Developing a Curriculum for Corrections Personnel and The Type of Curriculum Necessary for Institutional Correctional Personnel.

**Investigator:** Richard L. Hair

**Institution:** Longview Community College

**Sponsor:** Metropolitan Junior College District, Kansas City, Missouri

**Duration:** From March 1, 1974 To June 1, 1974

**Objectives:** (1) To obtain additional information on the present outlook in corrections locally so as to determine

the need for developing a curriculum in corrections, (2) Determine the steps necessary to be taken by college personnel, correctional administrators and the community to implement a correctional curriculum, and (3) Develop the corrections curriculum necessary for the needs of the correctional administrators and the community within the framework of our present college philosophy and course offerings.

Methodology: (1) Obtaining additional information on corrections' needs by contact of governmental unit administrator in greater Kansas City area and inquire about correctional staffing patterns and needs; develop a suitable questionnaire and send to heads of correctional institutions or agencies; Tabulate results and report information to Assistant Dean of Occupational Education and report back to correctional administrators; (2) Determine steps necessary to implement curriculum by developing an advisory committee formed of representatives of correctional agencies, faculty and community including ex-offender representation; obtain written recommendations from this group regarding the types of knowledge, attitudes and competencies necessary for the professional correctional worker; visit other colleges to discuss curriculum such as Central Missouri State College and Washburn University, which have highly developed and specialized curriculums in corrections; survey a sample of the present student population to determine the interest in correctional coursework; survey a sample of high school seniors from several Metropolitan Junior College District high schools to determine the interest in correctional coursework; meet with the Dean of Student Affairs and Financial Aid Officer to determine the possibility of obtaining Law Enforcement Assistance funding for tuition and books and the level of funding necessary; (3) Develop the corrections curriculum to receive ongoing feedback from faculty representatives in the areas of sociology, psychology and administration of justice relating to the proposed curriculum; present the proposed curriculum to the Advisory Committee on Corrections; prepare course outline goals for the initial course offering

and present these to the Longview curriculum committee for their approval; develop a time table for implementing all newly proposed corrections courses that have been identified in the proposed curriculum, and maintain the Advisory Committee on Corrections to assure implementation of the program, the addition of new courses and the obtaining of feedback regarding the relevance of present course offerings. Federal funds total \$700.00.

VTP 1236

Title: A Feasibility Study to Determine an Alternative Method of Cooperative Work Experience by Block Time in a Major Metropolitan Area for Community Colleges.

Investigator: Gayle D. Wasson

Institution: Longview Community College

Sponsor: Metropolitan Junior College District, Kansas City, Missouri

Duration: From February 1, 1974 To August 31, 1974

Objectives: (1) To develop an advisory committee to study the proposal for the Kansas City Metro area, (2) To develop a survey instrument to interview personnel directors of major department stores and owners of small stores on the potential placement of students during their block time on-the-job training, (3) To study existing programs using the block time approach to cooperative work experience in community colleges both in rural and metropolitan areas, (4) To evaluate the existing curriculum and develop a new curriculum based upon occupational competencies crucial to success in midmanagement positions, (5) To recruit at least thirty-five students with career objectives to enroll in the pilot program, (6) To develop a list of 20 potential training stations for students enrolled in block time training program, and (7) To initiate a pilot program fall semester of 1974.

Methodology: (1) The investigation of this project will develop an advisory committee composed of seven area business leaders, four representatives from Longview Community College, and one member from the State Department of Education. The committee will be scheduled to meet three times during the

study period and at least twice per year thereafter; (2) The investigation will develop a survey instrument to be mailed to area personnel directors of retail establishments and directors of trade associations. The investigation will tabulate the results and report to advisory committee; (3) The investigation will interview coordinators of cooperative block programs to determine usage by employers, retention of trainees in program, and unknown variables that may develop. This can be accomplished by personal interview at the National Distributive Education Club of America conference in Chicago, Illinois in May, 1974; (4) The investigation will develop at least two alternative curriculums to present to the advisory committee for discussion and approval; (5) The investigation will visit high school Distributive Education Programs and High School counselors to explain block time training programs. Also, the investigation will attend district and state DECA functions to recruit students for the program; (6) The investigation will prepare a booklet explaining the new training program to be presented to local personnel directors and businessmen to solicit training stations for selected trainees; and (7) The program will be ready to implement on a pilot basis during the fall semester of 1974. It will be evaluated at the end of the first semester by students, employers, and coordinators to determine its continuence. Federal funds total \$700.00.

VTP 1237

**Title:** Information Retrieval Demonstration and Research Project.

**Investigator:** Roger Lambert

**Institution:** University of Wisconsin

**Sponsor:** Wisconsin Board of Vocational, Technical and Adult Education, Madison, Wisconsin

**Duration:** From December 1, 1973 to June 30, 1974

**Objectives:** (1) Install and make operative, computer terminals of various types in at least eight districts by the end of 2-1/2 months of project operation, (2) Train at least one person from each project district to operate and to gain

access to the computerized information retrieval system by the end of the third month of operation, (3) Conduct in-service sessions at the convenience of local personnel for all district staff by the end of the fourth month of operation, (4) Provide consultant assistance to individual district personnel as needed to maximize the retrieval capabilities of the system, (5) Develop through the vehicle of in-service sessions, an instructional staff awareness, familiarity and acceptance of the capability of the system for their own needs as evidenced through user requests for searches and microfiche, (6) Identify the alternate potential educational uses which may be made of the various computer terminals demonstrated in the eight districts, (7) Evaluate the usability of the various terminals, the local computerized access system and the overall usage level of the ERIC and/or other information systems involved in the project, and (8) Prepare a final report of the project activities and findings.

**Methodology:** The following will be the primary activities of the project: (1) Eight computer terminals of various types will be installed at eight districts. Districts will be selected on a volunteer basis with efforts made to select a range of districts in size and stages of development, (2) One terminal operator will be trained at each of the eight districts. Most likely persons to do this would be librarians, curriculum specialists, R & D person or a media technician, (3) In-service sessions for the entire staff will be conducted. It is anticipated that the project staff will spend at least 8 days in each district on training and in-service, (4) An analysis of alternative potential uses of computer terminals to the district will be made and reported on in course of the project, (5) The project staff person will be on-call to provide assistance to local districts, (6) The project staff will work with State Board staff, the Department of Public Instruction staff and the University of Wisconsin Computer Center staff in implementing the project and in developing user information material, (7) The project staff will assist

interested districts in planning to become a "regional center" for information retrieved, and (8) Computer time will be furnished to each district as part of the project. Federal funds total \$14,650.00.

VTP 1238

Title: Needs for Integrating Career Education Services Within Des Moines Area Community College District.

Investigator: Richard L. Byerly  
Institution: Des Moines Area Community College

Sponsor: Department of Public Instruction, Des Moines, Iowa

Duration: From March 1, 1974 To February 28, 1975

Objectives: (1) To determine career education needs, including exploration, preparatory and supplementary needs for communities within the Des Moines Area Community College District. (2) To determine the feasibility for establishing career education, exploratory, preparatory and supplementary opportunities within outlying communities. (3) To provide the types of data necessary for comprehensive career planning for this institution. (4) To form a consortium of secondary school officials to work with area school personnel to determine special program goals and directions for area school services to secondary schools. (5) To develop a comprehensive plan of action for delivering career education services to the residents of Merged Area XI.

Methodology: (1) Establish advisory committee for project direction and scope of operation. The committee will give guidance in the area of who to survey and how. They will also assist in recommending programs to meet needs identified. (2) Develop survey instrument to collect information necessary in planning for educational services and draft final report, (3) Administer surveys in the target groups, (4) Collect and analyze information determining student numbers, interests, job needs and place in report form, (5) Make recommendations for establishing programs that will meet the needs

existing in the community, (6) Study the existing resources available in terms of buildings, money, equipment and others, (7) Develop a time schedule for implementation, follow-up and evaluation, (8) Develop procedures for evaluation of proposal activities, and (9) Develop and distribute final report for the purpose of determining the possibilities for utilization in other areas of the state. Federal funds total \$3,224.00.

VTP 1239

Title: Area XV Comprehensive Career Education Research and Plan Development.

Investigator: Darrel Ensz  
Institution: Indian Hills Community College

Sponsor: Department of Public Instruction, Des Moines, Iowa

Duration: From March 1, 1974 To February 28, 1975

Objectives: (1) To establish the need for career awareness, exploratory, preparatory and supplemental opportunities in Area XV, (2) Develop a description of existing career education resources in Area XV, (3) Estimate additional resources needed to meet career education needs in Area XV, and (4) Develop recommendations regarding the role of schools, agencies and the community in the delivery and coordination of career education and support services. Methodology: (1) Establish an advisory committee. (2) Employ a coordinator of research and planning. (3) Develop an information base for career education planning through a review of existing information and through direct research, (4) Project program needs, (5) Identify resources, (6) Identify constraints, (7) Establish planning objectives, (8) Outline procedures to meet these objectives, and (9) Develop an evaluation system. Federal funds total \$3,231.00.

VTP 1240

Title: Career Education Within The University of Maine System: A Status Study.

Investigator: Gerald G. Work  
Institution: University of Maine

Sponsor: Department of Educational and Cultural Services, Augusta, Maine

Duration: From March 1, 1974 To June, 1974

Investigator: Robert Drummond

Institution: University of Maine

Sponsor: Department of Educational and Cultural Services, Augusta, Maine

Duration: From January 1974 To June 1974

Objectives: The proposed study is directed to an assessment of the status of career education on the seven campuses of the University of Maine. (1) To visit and conduct interviews by a team of two interviewers, employing a standard questionnaire format; all interviews will be tape-recorded to insure accurate post-interview analysis. (2) To analyze interview data by individual campus and by total group to extract commonalities and differences; a vignette model will form the basis for depicting current status; career development education principles and developmental vectors of the late adolescent/young adult are the quasi-criteria against which recommendations will be made, and (3) To compile a final report to be submitted to the Bureau of Vocational Education and disseminated to appropriate persons within the University of Maine system.

Methodology: Two interviewers will be employed as a team, spending one day at least on each of the seven University of Maine campuses. Interviews with appropriate personnel will be prearranged. All interviews will be tape recorded to insure accurate post-interview analysis. The director will meet with the interviewers after each visit in the preparation of that write-up. The project contact on each campus will be the person or persons responsible for the career education function, defined in terms of an institution-wide service; this operational definition precludes internship activities included as a part of professional preparation programs, such as teaching or forestry. For example, on the Orono campus it is the Director of Career Planning and Placement, reporting to the Vice President for Student Affairs. Federal funds total \$3,498.00.

VTP 1241

Title: The Effects of Selected Instructional Strategies on Learning Efficiency in Vocational-Technical Education Programs.

Objectives: (1) To conduct an extensive search for information related to instructional methodology and principles of learning as applied to vocational-technical education, (2) To compile and edit such information into a practical teacher's manual which would contain principles and suggestions for specific instructional strategies, materials, and use of ancillary teaching hardware, (3) To conduct an experimental investigation which would determine by comparative analysis, the relative effectiveness of selected teaching strategies designed by various combinations of didactic, applied, and Audio-Visual instruction, (4) To develop instructional packages (including materials, media presentations, etc.) which would have been demonstrated to be effective as a result of the experimental analysis, and (5) To compile a comprehensive summary report in the form of several publications which would be disseminated locally to Vocational-Education instructors, to administrators within the Bureau of Vocational-Technical Education, and finally to be submitted to nationally circulated journals for possible publication.

Methodology: Search of the literature research and practices will be implemented by inquiries. A post-test only-control group design would be utilized. For each of the tapes or films used, the students would each be assigned to a different treatment group so that they each could perform under all experimental conditions and so that the teacher could teach under all conditions. Four types of data would be collected: (1) Student attitudes toward the instructional treatment as measured by a scale to be developed by the investigators prior to data collection, (2) Student content knowledge of the task to be taught by the instructional treatment as measured by a pencil-paper achievement test, (3) Student ability to actually perform the task, and (4) Teacher attitudes toward the different instructional strategies in the "treatment" conditions. Federal funds total \$2,211.00.

**VTP 1242**

**Title:** International Vocational Studies in Merchandising and Design.

**Investigator:** Eugene P. Jereczek  
**Institution:** Joint Independent School District #287

**Sponsor:** Minnesota Department of Education, Minneapolis  
**Duration:** September 1, 1973 To June 30, 1974

**Objectives:** (1) To provide a maximum of fifteen (15) students who have completed one year of vocational training in Fashion, Fashion Merchandising, Apparel Arts, Sales and Marketing Programs an opportunity to acquire an international training experience, (2) To recruit, appoint and utilize an industrial advisory committee representing the Fashion Merchandising and Design Occupations, (3) To provide ("seed") the Fashion Merchandising & Design profession, particularly Minnesota, with individuals who have had first-hand foreign training in merchandising techniques, product information, and fashion design, expecting they will share this information with fellow workers, and (4) To evaluate the effectiveness of the program (including the recommendations of the Advisory Committee) and make a final report to the Suburban Hennepin County Area Vocational-Technical Schools and the Minnesota State Department of Education-Vocational Division.

**Methodology:** (1) To act as program contact for student applicants and as a general information source; (2) to design the appropriate procedures for the collection of data regarding applicants for the studies pertaining to operation of the project and for the program evaluation; (3) To act as liaison between Suburban Hennepin County Area Vocational-Technical Schools and Program Advisory Committee to conduct and submit a final evaluation of the project. Federal funds total \$4,200.00.

**VTP 1243**

**Title:** The Study of a Career Education Component in a Teacher Education Program.

**Investigator:** Sam R. Porter  
**Institution:** Western Washington State College

**Sponsor:** Office of the Superintendent of Public Instruction, Olympia, Washington

**Duration:** From July 1, 1973 To June 30, 1974

**Objectives:** assess the efficacy of a teacher education program in career education through the evaluation of changes in understanding of and attitude toward career education by certain pre- and in-service teachers who are products of that program.

**Methodology:** Pre-service and in-service teachers are to be provided with information, content, examples, and models of career education programs, and experiences in proposing, conducting, and evaluating career education activities at the elementary or secondary school levels. To be measured are gains in knowledge of career ed--its purpose, status, trends, literature--and changes in attitude toward career education as an integrated component of elementary and secondary education. In addition, the use of a self-instructional media-centered Career Education Laboratory at the college level for pre- and in-service teachers is to be utilized and evaluated. The project will provide evaluated strategies and techniques for teacher educators as they attempt to add a career education dimension to their programs. Federal funds total \$7,406.00.

**VTP 1244**

**Title:** To Develop an Individualized Instructional Package on the Basics of the Metric System.

**Investigator:** Willard Crow  
**Institution:** Renton Vocational Technical Institute

**Sponsor:** Office of the Superintendent of Public Instruction, Olympia, Washington

**Duration:** From December 15, 1973 To June 30, 1974

**Objectives:** To develop an individualized instructional package on the Basics of the Metric System at the Boeing-Renton

Vocational Technical Institute Learning Center to alter the current instructor-centered course to an individualized learning package. It is projected that 10,000 students per year will require this supplemental upgrading course within the immediate future.

Methodology: (1) A careful analysis of the existing instructor-centered course will be carried out; (2) A new program outline will be created; (3) Instructional packages will be developed in the Boeing-RVTI Learning Center with utilization of other Boeing facilities; (4) A study guide will be prepared; (5) The package will be field-tested in the Boeing-RVTI Learning Center; (6) Student and package performance will be evaluated; (7) Modifications of materials will be made; and (8) The final package will be made ready for reproduction. Federal funds total \$6,481.00.

VTP 1245

Title: Development of Teacher Training Program in Career Education

Investigator: Glen O. Fuglsby

Institution: Eastern Washington State College

Sponsor: Office of the Superintendent of Public Instruction, Olympia, Washington

Duration: From October 1, 1973 to June 30, 1974

Objectives: To investigate the status of career education in the preservice and inservice teacher-training programs of four-year public teacher-preparing institutions in Washington and to develop initial strategies for incorporating career education into many teacher-training disciplines of preparing institutions.

Methodology: The program will consist of two inter-institutional meetings and developmental activities at home institutions. The first meeting will be held on the campus of EWSC on or about November 7 and 8, 1973, when selected "strategy team" members from each of the five four-year public teacher-preparing institutions will investigate together the status of career education in teacher-training programs. The five are the University of Washington, Washington

State University, Western Washington State College, Central Washington State College and Eastern Washington State College. Each institution will be requested to select five-member "strategy teams" to include one individual identified as an institutional leader in teacher education and members with varied responsibilities in diverse disciplines whom the institution regards as change agents. Federal funds total \$6,961.00.

VTP 1246

Title: Correlated Vocational and Basic Communication Skill Instructional Programming.

Investigator: Lee Walmsley

Institution: Selah School District #119

Sponsor: Office of the Superintendent of Public Instruction, Olympia, Washington

Duration: From November 15, 1973 To June 1, 1974

Objectives: To increase communication skills of 10 selected vocational students at Selah High School from the current underachievement level to attainment of between 5 and 7 of ten identified competencies by March 10, 1974, at a total cost of \$1960.00.

Methodology: The researcher will have developed ten filmstrip/cassette tape instructional packages during May and June of 1973. These instructional packages are concerned with 10 basic areas of communication skills and will use vocational program interest as the student motivational factor. Using techniques, materials and procedures developed through the current Title I High School Learning Difficulties program, the researcher will diagnose and finally select a minimum of ten underachieving high school vocational students who exhibit a need for communication skill development. The diagnosis will occur during the first tri-mester of 12 weeks of the 1973-74 school year. At this time, the researcher will work out compatible instructional time and space in the high school schedule for the following tri-mester. For the entire second trimester of 12 weeks, the researcher will meet with the ten selected students twice a week for

two 65 minute periods with five students each period. At this time, the developed programs will be applied. On his own time during the last twelve week trimester, the researcher will evaluate the results of the instructional program. Federal funds total \$1,760.00.

VTP 1247

Title: An Appraisal of an Occupational Awareness Program.

Investigator: Morris Tonda

Institution: Renton School District #403

Sponsor: Office of the Superintendent of Public Instruction, Olympia, Washington

Duration: November 15, 1974 To June 1, 1974

Objectives: To quantitatively assess and to report changes in work-related attitudes among program participant students at two Renton elementary schools by August 31, 1973.

Methodology: To evaluate the effectiveness of the Occupational Awareness Program for Elementary School Students, work related attitudes will be assessed prior to introducing the program and after its completion. A semantic differential instrument will be used in this evaluation. Ten noun concepts, a combination of representative job titles and work related concepts, will be placed in a randomly determined order in the instrument. Nine factorially related scales will be chosen to represent each factor with each scale being highly loaded on the one factor and not on the others. The resulting bipolar adjective pairs will be randomly reversed to counteract response bias tendencies. A seven point scale will be used. Results will be tested using the Wilcoxon matched-pairs signed-ranks test, a non-parametric test for two sample (related) cases. Federal funds total \$2,000.00.

VTP 1248

Title: A Cost Benefit Analysis of Vocational Education in an Area Vocational Technical Institute.

Investigator: Roy L. Schmidt

Institution: Renton School District #403

Sponsor: Office of the Superintendent of Public Instruction, Olympia, Washington

Duration: From October 1, 1973 To June 30, 1974

Objectives: To conduct a cost-benefit analysis at the Renton Vocational-Technical Institute which would determine the rate of direct economic return of the various vocational curricula thus providing a framework of analysis for other vocational education programs.

Methodology: (1) Estimating the future level of earnings of students enrolled in a given program; (2) Estimating the future level of earnings of persons not enrolled in vocational technical training programs (i.e., persons with elementary or secondary or college education); (3) Estimating the cost of the program to the trainee (i.e., direct payment of fees, tuition and foregone wages); (4) Estimating the cost of the program to society (i.e., tax revenues for construction and operation as well as foregone tax collections), and (5) Comparing benefits of the selected training to the costs on both an individual and societal basis. Federal funds total \$1,005.00.

VTP 1249

Title: Walla Walla Area Vocational Needs Assessment.

Investigator: Phillipp Scott

Institution: Walla Walla School District #140

Sponsor: State Department of Education, Office of the Superintendent of Public Instruction, Olympia, Washington

Duration: From September 10, 1973 To June 30, 1974

Objectives: To conduct an area-wide vocational needs assessment including the high school districts of Milton-Freewater, Touchet, Prescott, Waitsburg, Dayton and Walla Walla. The assessment is needed to provide data for educational specifications for a proposed vocational skill center to be built in Walla Walla School District 140.

Methodology: The assessment will be carried out by local personnel in each service area. The assessment instrument

and techniques to be employed will be furnished by the office of The Coordinating Council for Occupational Education. Federal funds total \$3,300.00.

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VTP 1250

Title: CCOE Participation in the Pacific Northwest Research and Evaluation Conference.

Investigator: Cecil Clark

Institution: University of Washington

Sponsor: Washington Educational Research Association, Seattle, Washington

Duration: From December 15, 1973 To May 30, 1974

Objectives: To increase clerical support to the WERA conference chairman from the present zero level to a part-time secretary with supplies through May 30, 1974, at a cost not to exceed \$800 federal money.

Methodology: The Washington Educational Research Association, of which the CCOE is a member, is requesting clerical assistance and supplies in order to present a better research and evaluation conference in May, 1974.

WERA does not have sufficient income to meet this need. A major component of the conference will be devoted to career and vocational education. Potentially more than 300 educational researchers from the Northwest (most of whom will not be vocational educators) will be in a position to learn more about vocational education and career education research through papers and symposia to be presented at the conference. Expenses will be paid on a cost reimbursement basis not to exceed \$800 in federal funds. Federal funds total \$800.00.

VTP 1251

Title: Comparison of Listening-Viewing Comprehension Levels of a Junior College Population Enrolled in Vocational Education Compared to the Comprehension Levels of the Learning Materials Utilized in Vocational Education.

Investigator: Harvey B. Rhodes

Institution: Columbia Junior College

Sponsor: California State Department of Education, Vocational Education Section, Sacramento, California

Duration: From September 1, 1973 To June 30, 1974

Objectives: (1) To gather base data concerning the listening and visual comprehension levels of 200 students enrolled in vocational programs at Columbia Junior College during the fall quarter of 1973, (2) Develop rating procedures to measure the comprehension level of listening and viewing materials utilized in five vocational programs, (3) Determine the comprehension level of selected audio and visual materials assigned to students in five programs offered during the fall quarter of 1973, (4) Develop correlation of visual comprehension levels and listening comprehension levels of students tested, and relate these to other student characteristics bearing on comprehension ability, (5) Identify discrepancies in comprehension levels of students and the learning materials they are assigned, (6) Derive the implications for structuring the learning experience through the selection of learning materials consistent with student ability levels, and (7) Disseminate information concerning the findings of the study.

Methodology: 200 students enrolled in five vocational programs at Columbia Junior College will be tested at the beginning of the fall quarter of 1973. From this base test data, three groups will be identified for indepth study. These will be those functioning above the 13th grade level, those functioning at the 11th and 12th grade level, and those functioning at the 10th grade or below. These groups will comprise 45 to 50 people. Attention will also be given to grouping the learning styles of each of the three achievement level groups. Additional base data will be gathered on 50 students, 10 full-time students from each vocational program. The rough groupings above will be refined on the basis of this additional information. The characteristics of the student group tested will be developed from test data. Federal funds total \$5,695.00.

**VTP 1252**

**Title:** Descriptive Cost Benefit Studies of Selected Wisconsin VTE Programs.

**Investigator:** Roland J. Krogstad  
**Institution:** State Board of Vocational Education, Madison, Wisconsin  
**Sponsor:** Wisconsin Board of Vocational, Technical and Adult Education, Madison, Wisconsin  
**Duration:** From November 1973 To June 1973

**Objectives:** (1) To identify 8 post-secondary VTAE programs to be studied, (2) Identify vocational and technical education benefit variables in the areas of economics, sociology, psychology, and politics, (3) Determine perceived intangible benefits of vocational and technical education from students, former students, educators and employers, and (4) Determine tangible benefits of 8 selected vocational and technical education programs.

**Methodology:** This project will be coordinated through the Research Coordinating Unit at the Wisconsin Board of Vocational, Technical and Adult Education. It is anticipated that a consortium of eight post-secondary vocational, technical and adult education districts will perform the major part of the work of this project. Each district will prepare a report of cost-benefits for one VTAE program or discipline. Federal funds total \$6,000.00.

**VTP 1253**

**Title:** Conceptual Framework for Conducting Cost Benefit Studies in Wisconsin VTAE.

**Investigator:** Doyle Geyl  
**Institution:** State Board of Vocational Education, Wisconsin  
**Sponsor:** Wisconsin Board of Vocational, Technical and Adult Education, Madison, Wisconsin  
**Duration:** From July 1, 1973 To June 30, 1974

**Objectives:** (1) Identify sources of and types and limitations and data available for determining benefits, (2) Identify

problems encountered in the collection of hard data, (3) Develop recommendations for baseline data, (4) Develop a conceptual framework for future studies in Wisconsin, (5) Identify indicators and variables applicable to determining benefits of post-secondary vocational-technical education in Wisconsin, (6) Develop a report of alternative approaches and recommendations for developing a model in Wisconsin for further studies, (7) Develop a post-secondary program and campus cost-benefit analysis techniques, (8) Develop procedures for implementation of this technique to programs and campuses, and (9) Develop recommendations for a vocational education benefits index.

**Methodology:** This project will be coordinated through the Research Coordinating Unit at the Wisconsin Board of Vocational, Technical and Adult Education. It is anticipated that a consortium of three VTAE districts, e.g., #1 at Eau Claire, #2 at La Crosse, and #3 at Fennimore will perform the major part of the work of this project. The Research Committee of the VTAE Administrator's Association will lend technical assistance to the project. A review of the literature will be made, survey instruments developed and tested with employers, teachers, administrators, students, and former students. These target groups will be asked to indicate their perceptions of benefits from vocational and technical education. Follow-up reports will be examined to determine earnings. Federal funds total \$6,000.00.

**VTP 1254**

**Title:** An Exemplary Program in Occupational Education for the Veteran.

**Investigator:** Jessie B. Deloch  
**Institution:** Control Systems Research Inc.  
**Sponsor:** Division of Vocational and Technical Education, Research and Development Unit, Springfield, Illinois  
**Duration:** From January, 1974 To December, 1974

**Objectives:** To assess the occupational education and information services

presently being provided to Vietnam era veterans, to identify the specialized occupational education and information service needs of veterans, to formulate alternative models for veterans' occupational education programs and services, and develop preliminary strategies for their implementation, and to prepare 150 copies of a professional quality Final Report detailing project activities findings and recommendations for delivery to the Division of Vocational and Technical Education prior to termination of the contract.

Methodology: Establish working ties with existing programs and institutions providing occupational education and information services to veterans beginning February 1, assemble a comprehensive index of occupational education and information service resources by April 1, prepare and administer survey instruments to representative samples of veterans beginning March 1, prepare an analysis of veterans' needs within the context of the universe of service resources by October 1, and develop preliminary strategies for new or modified programs of occupational education services, and submit recommendations to a "jury of veterans" for verification as to need, by December 31, 1974. Federal funds total \$14,954.00.

VTP 1255

Title: Educational Needs Assessment of Eastern Lewis County.

Investigator: Jerry W. Shiveley  
Institution: Tri-District Career Education Cooperative  
Sponsor: Office of the Superintendent of Public Instruction, Olympia, Washington  
Duration: From December 15, 1973 To March, 1974

Objectives: To determine in the communities of Mossyrock, Morton, Onalaska, White Pass and their school districts, the educational needs of students and adults, so that long ranged educational planning may be more accurately carried out to eliminate duplication of small schools. The project should be completed in 2 months and cost approximately \$2,800.00.

Methodology: In determining the current and long ranged needs of the four communities surveys of the following will be accomplished: (1) 1-5 year graduates, (2) current 8-12 graders, (3) major businesses and employers in the four communities, (4) staff of the four school districts, and (5) randomly selected parents throughout the four communities. The results will be analyzed and used as a basis of current and long ranged planning for course offerings. Federal funds total \$1,037.00.

VTP 1256

Title: Continuation of Career Awareness Project K-12 for Cusick School District No. 59.

Investigator: Stewart Ailor  
Institution: Cusick School District #59  
Sponsor: Superintendent of Public Instruction, Olympia, Washington  
Duration: From September 4, 1973 To June 30, 1974

Objectives: To continue Career Awareness activities in grades K-12, provide students with current career information, and to increase the students' knowledge of the world of work by at least 80-85%. A self-constructed pre-test and post-test will be administered.

Methodology: Eighteen teachers, nine aides, three administrators and 360 students will be involved in the project. Four teachers, two representing grades K-6 and two representing grades 7-12 will coordinate the project through a team effort. Continuation of the career center, teacher involvement through exchange and sharing with other districts, and career programs within the school curriculum are the goals of this project. The project will further propose to implement a guidance component of vocational counseling and testing into our career education program. Federal funds total \$16,000.00.

VTP 1257

Title: Career Exploration at Shaw Junior High.

Investigator: Homer Mattson  
Institution: Spokane School District #81

**Sponsor:** Superintendent of Public Instruction, Olympia, Washington  
**Duration:** From September 4, 1973 To June 1, 1974

**Objectives:** (1) To increase by 60% the number of career exploration programs in the 7th, 8th, and 9th grade curricula during the school year 1973-74, and (2) To increase by 100% student awareness of careers in the 7th, 8th, and 9th grade during the school year 1973-74.

**Methodology:** (1) A design team concept will be used. Three individuals will be responsible for planning, developing the project activity, and working with individual teachers. Members of the design team are Mr. Philip Stohs, teacher, Mr. Leo Hutchins, teacher, and Mr. Richard Jones, counselor. (2) Team leaders will be used to work with the design team and in turn coordinate the career education project activities within their respective subject areas. The team leaders selected from the subject areas listed will work with the balance of the staff at John Shaw Junior High so that all classes will have an opportunity to take part in career education activities. (3) A Career Information Center will be established in the library. The Center will contain up-to-date materials including the VIEW decks, appropriate micro-fiche materials, cassettes, material from business and industry, film loops, chronicle or similar material, guidance file, books and other career-related material. The center will be for both individual and classroom use and will be a resource for faculty as well. (4) Closed circuit T.V. will be used as a means of bringing career information to students. (5) The project designed to build on information already available from other career projects in Spokane and elsewhere. Federal funds total \$8,000.00.

VTP 1258

**Title:** Vocational Enrollment Forecasting Project.

**Investigator:** John C. Mundt  
**Institution:** State Board for Community College Education

**Sponsor:** Research Coordinating Unit, Olympia, Washington  
**Duration:** From September 4, 1973 To June 30, 1974

**Objectives:** (1) Develop and establish a system model for implementing the forecasting procedures, (2) Involve district administrative personnel (including Presidents, Deans, Business Managers, Vocational Directors, and Planning Officers) to acquaint them with the procedures, establish an understanding of the implications and secure a commitment to a follow-through in developing internal budgeting procedures, (3) Develop standardized forms, processes, criteria, and guidelines to assure that each district is addressing the forecasting effort in a similar manner, (4) Develop routines and procedures to maximize inter-district communications to minimize overlapping forecasting effort or possible duplication, (5) Establish criteria for developing district vocational program priorities, (6) Generate local data to support exceptions to state determined enrollment totals, (7) Verify potential new program starts based on district, regional, state, or multi-state employment needs, (8) Develop an analysis procedure to determine whether the current instructional procedures, facilities, and equipment can meet projections, and (9) Translation of headcount enrollment (program majors) into course enrollment (FTE) through an induced course load matrix.

**Methodology:** The Human Resources Planning Institute has been engaged in a multi-agency project to assist in the development of a forecast model and to establish a statewide forecast of job market demand based on census and other data by occupations identified through the six-digit Office of Education code. This project will enable the implementation of the inter-agency model. It is anticipated that the Coordinating Council for Occupational Education (Planning, Evaluation and Research Office) will have ongoing responsibility for producing the project's forecast of employment by industry, for the state, region, and district. The Coordinating Council for Occupational Education will determine the portion of this demand that presumably

should be met by the community college system. This portion will be translated into an enrollment forecast by the State Board for Community College Education. Federal funds total \$40,000.00.

VTP 1259

Title: Career Centered Education K-9.

Investigator: Janet Carlson

Institution: Marysville School District #25

Sponsor: Superintendent of Public Instruction, Olympia, Washington

Duration: From September 5, 1973 To June 10, 1974

Objectives: (1) To provide experience for students to assist them in evaluating their interests, abilities, values and needs as they relate to occupational goals, (2) To assist students to evaluate and understand their educational capabilities, (3) To increase group and individual guidance, counseling and testing, (4) To establish a Career Resource Center to coordinate the various career education programs, to provide multi-media resources and services to teachers to administer interest and aptitude tests to determine student's need, interests and abilities to coordinate field trips, and (5) To hold group and individual counseling sessions to go over past achievements and current abilities. To have cooperative problem solving experiences; to develop decision making capabilities.

Methodology: (1) Develop Resource Library and assistance in making occupational awareness and exploration an on-going, integral part of the curriculum, (2) Provide in-service training, (3) Compile bibliography of resource materials throughout district and establish a method for district-wide use, (4) Work to establish scope and sequence of career oriented activities coordinated with the regular curriculum, (5) Compile district lesson booklet, using teachers plans, (6) Participate in curriculum workshop in math and reading to present Career Education as a part of their scope and sequence, and (7) Produce a monthly bulletin with Career Education ideas, resources and current information. Federal funds total \$9,000.00.

VTP 1260

Title: K-12 Career Awareness/Exploration Program.

Investigator: Roger M. Wing

Institution: Bellevue Public Schools District #405

Sponsor: Superintendent of Public Instruction, Olympia, Washington

Duration: From September 1, 1973 To June 30, 1974

Objectives: (1) To develop and implement a K-12 Career Awareness/Exploration Program in two elementary schools, one junior high, and one senior high in the East Zone of the Bellevue School District, (2) To modify as necessary, and expand the K-12 Career Awareness/Exploration Program developed in Phase I to all schools in the East Zone of the Bellevue School District, and (3) To expand the K-12 Career Awareness/Exploration Program developed to all schools in the remaining three zones of the Bellevue School District. Methodology: Conduct a limited Career Education activity in three East Zone elementary schools, one junior high, and one senior high as a result of Project WAVE seminars, Develop goals, objectives and major concepts for a K-12 Career Education program, Initiate partial pilot programs including teacher inservice in four East Zone schools, Provide orientation to Career Education for staffs of the remaining five East Zone schools using a format similar to Project WAVE, Evaluate the partial pilot programs conducted in the four schools and with staff, complete curriculum development for those schools, Plan pilot program for five remaining East Zone schools, Operate a complete Career Education program in the original four East Zone schools, Initiate partial pilot programs including teacher inservice in five remaining East Zone schools, Evaluate the second partial pilot program conducted in the five schools and with staff, complete curriculum development for these schools, Operate the Career Education program in the entire East Zone of the Bellevue School District, nine schools, and Export the program to the entire school district. Federal funds total \$7,000.00.

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