

DOCUMENT RESUME

ED 266 314

CE 043 630

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 TITLE Measures of Occupationally Specific and Nonoccupationally Specific Knowledge and Skills: A Compendium.
 INSTITUTION Ohio State Univ., Columbus. National Center for Research in Vocational Education.
 SPONS AGENCY Office of Vocational and Adult Education (ED), Washington, DC.
 PUB DATE 86
 CONTRACT 300-83-0016
 NOTE 125p.
 PUB TYPE Reference Materials - Directories/Catalogs (132)

EDRS PRICE MF01/PC05 Plus Postage.
 DESCRIPTORS Curriculum Study Centers; Databases; *Employment Potential; Information Services; *Job Skills; *Occupational Tests; Postsecondary Education; Secondary Education; *Test Format; *Testing Programs; Test Items; Test Reliability; Test Selection; Test Use; *Vocational Education

ABSTRACT

This compendium is designed to assist vocational educators in selecting appropriate testing instruments to measure the learning outcomes of their programs. It presents by occupational area basic information on more than 150 validated measures and lists more than 1,200 additional entries in the Vocational Education Curriculum Materials (VECM) database that include evaluation materials. The compendium was drafted following computer searches of three databases: Educational Resources Information Center (ERIC), VECM, and Educational Testing Service (ETS), in addition to letter requests to curriculum coordination centers, instructional materials laboratories, and commercial publishers. Most of the measures verified as field-tested are from three sources: the National Occupational Competency Testing Institute, the Instructional Materials Laboratory at Ohio State University, and the American Institutes for Research. Entries in this guide are organized by the four-digit "Classification of Instructional Programs" system. Listings include descriptions of the tests, addresses of originators, title, developer, educational level, target population, availability, and curriculum center. The compendium is designed for use at all levels of vocational education by those who need to select instruments for use in assessing the outcomes of instructional programs. It should be of most use to those who cannot easily conduct computer searches of the databases that contain the instruments listed in this compendium. Appendices contain an index, examples of VECM documents, and a sample ERIC search strategy. (KC)

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MEASURES OF OCCUPATIONALLY
SPECIFIC AND NONOCCUPATIONALLY
SPECIFIC KNOWLEDGE AND SKILLS:
A COMPENDIUM

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1986

OE 043630

FUNDING INFORMATION

Project Title: National Center for Research in Vocational Education, Evaluation

Contract Number: 300830016

Project Number: 055C50010

Act under Which Education Amendments of 1976
Funds Administered: P.L. 94-482

Source of Contract: Office of Vocational and
Adult Education
U.S. Department of Education
Washington, DC 20202

Contractor: The National Center for Research
in Vocational Education
The Ohio State University
Columbus, Ohio 43210-1090

Executive Director: Robert E. Taylor

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FOREWORD

This compendium is designed to assist vocational educators to select appropriate testing instruments to measure the learning outcomes of their programs. It presents by occupational area basic information on over 150 validated measures and lists over 1,200 additional entries in the Vocational Education Curriculum Materials (VECM) database that include evaluation materials. The compendium should be of most use to test users who do not have ready access to the facilities needed to conduct computer searches of the databases that include these instruments.

Funds to support the development of this compendium were provided by the Office of Vocational and Adult Education, U.S. Office of Education. The compendium was produced in the Evaluation and Policy Division which is directed by N. L. McCaslin. The project staff included Morgan Lewis, Research Scientist, Delina Hickey, Senior Research Specialist, Scott Martin, Graduate Research Associate, and during the first months of the project, Robyn A. Murry, Graduate Research Associate. Vicki Owens served as project secretary and performed the word processing to produce the compendium. Judy Wagner, Shirley Chase, and Rita Horn from the Information Services Division were of major help at various stages of the project.

Additional assistance was provided by Kevin Hollenbeck and Robert Norton who conducted internal reviews of a preliminary draft of the compendium. External reviews were provided by Merle Insko, Curriculum Consultant, Kentucky Department of Education and Ronald D. McCage, Director, Vocational-Technical Consortium of the States. Connie Faddis edited the final draft.

On behalf of the National Center I am happy to acknowledge and express our appreciation to all those who contributed to this report.

Robert E. Taylor
Executive Director
The National Center for Research
in Vocational Education

EXECUTIVE SUMMARY

This report presents the results of a project designed to identify and document objective, field-tested measures of occupationally relevant knowledge and skills. The efforts to identify measures focused on knowledge and skills that can be acquired by participation in an educational experience. This definition excluded measures of occupational aptitude or interest.

To identify appropriate measures, computer searches were made of three databases: Educational Resources Information Center (ERIC), Vocational Educational Curriculum Materials (VECM) and Educational Testing Service (ETS). In addition to these searches, letters were sent to curriculum coordination centers, instructional materials laboratories, and commercial publishers. The original documents identified by the ERIC and ETS searches were examined to verify that they contained field-tested evaluation materials. The VECM search, however, identified so many documents it was beyond the scope of this project to verify all of them. Consequently in presenting the measures selected for this compendium the VECM entries that were not examined are listed separately and only their title and accession numbers are presented.

All entries are organized by the four-digit Classification of Instructional Programs system (Malitz 1981). Most of the measures verified as field-tested are from three sources: the National Occupational Competency Testing Institute, the Instructional Materials Laboratory at The Ohio State University and the American Institutes for Research. Relatively few field-tested measures were verified that were not from these sources.

GUIDE TO USING THIS COMPENDIUM

Rigor, quality, excellence, and accountability are a few of the educational catchwords of the mid-1980s. The climate that these words reflect and the new Federal criteria for evaluating vocational programs have created a renewed interest in assessment. This compendium responds to this interest by assisting test users in identifying field-tested measures of occupationally specific and nonoccupationally specific (i.e., employability) skills and knowledge. The compendium is designed for use at all levels of vocational education by those who need to select instruments for use in assessing the outcomes of instructional programs. It should be of most use to those who cannot easily conduct computer searches of the databases that contain the instruments listed in this compendium.

One way of thinking about the skills important for employment is as a pyramid (see figure 1). In general, the main responsibilities of vocational educators are to teach the skills in the middle two levels. Basic skills are mainly the responsibility of general educators and job specific skills mainly the responsibility of employers.

This compendium focuses on the two middle levels. Most of its entries are at the occupational level. Far fewer measures of employability skills were identified. These two levels constitute the basic organization for the measures listed in this compendium. The entries are limited to objective measures of skills and knowledge that can be acquired through participation in learning experiences. Measures of vocational aptitude or

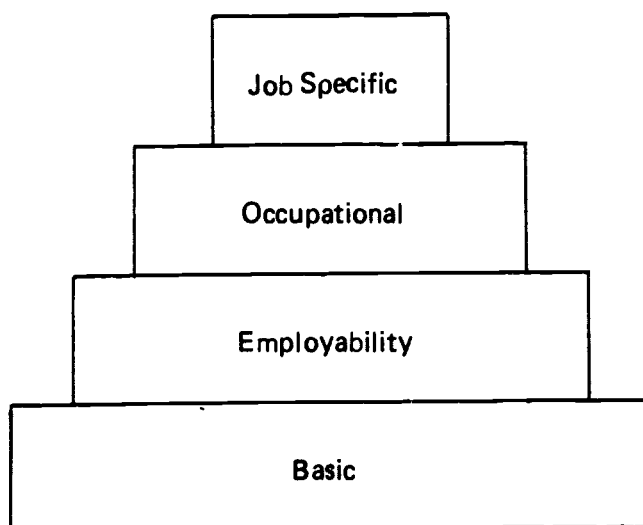


Figure 1. The skill pyramid

interest are not included nor are instruments that consist solely of rating scales.*

Within the employability and occupational skill levels, tests are grouped into verified measures and others. The verified measures are those the project was able to verify as having been field tested. The others category contains those entries in the Vocational Education Curriculum Materials (VECM) database whose documentation indicates that they were field tested and that they include evaluation instruments. The information in VECM, however, does not indicate if the instruments themselves were field tested. Since there are approximately 1200 entries (some entries appear under more than one heading because their instruments may be relevant to more than one content area), it was not possible to review all of the original documents.

The third and last way the entries in this compendium are organized is by A Classification of Instructional Programs (CIP) (Malitz 1981). CIP is the system currently used by the National Center for Education Statistics and by the VECM database. It is designed to classify all educational programs at all levels. Consequently, many of the categories are not relevant to vocational education. Exhibit 1 presents the categories at the CIP four-digit level that have entries in this compendium.

How to Find Tests

Users of this compendium who are familiar with CIP can turn directly to the skill area of interest and examine the tests listed in the separate Verified Field Tested and Other Measures sections. Users who are not familiar with CIP can turn to the alphabetic list of occupational areas in appendix 1, which provides the four-digit CIP category for each area.

The user will note that there is more information provided for the verified instruments. If any of these measures appear appropriate to the user, information on their availability is provided.

For many of the measures, a curriculum coordination center (CCC) is listed. There are six of these centers serving designated regions of the country. Exhibit 2 lists the centers and the States that each serves. If a center is listed, an examination copy of the test can be obtained on a loan basis from that center.

* Other sources that include measures of aptitude and interest includes Buros (1978), Center for Employment and Income Studies (n.d.), and Sweetland and Keyser (1983, 1984).

EXHIBIT 1

CATEGORIES FROM THE CLASSIFICATION OF INSTRUCTIONAL
PROGRAMS (CIP) THAT HAVE ENTRIES
IN THIS COMPENDIUM

Agricultural Business & Management 01.01	Business Data Processing & Related Programs 07.03
Agricultural Production 01.03	Personnel & Training Programs 07.05
Agricultural Products & Processing 01.04	Secretarial & Related Programs 07.06
Agricultural Services & Supplies 01.05	Typing, General Office, & Related Programs 07.07
Business & Management, General 06.01	Business and Office, Other 07.99
Accounting 06.02	Apparel and Accessories Marketing 08.01
Banking and Finance 06.03	Business and Personal Services Marketing 08.02
Business Economics 06.05	Entrepreneurship 08.03
Human Resources Development 06.06	Food Marketing 08.06
Organizational Behavior 06.15	General Marketing 08.07
Small Business Management & Ownership 06.18	Home & Office Productions Marketing 08.05
Accounting, Bookkeeping, & Related Programs 07.01	Hospitality & Recreation Marketing 08.09
Banking and Related Financial Programs 07.02	Vehicles & Petroleum Marketing 08.12

EXHIBIT 1-- Continued

Communications, General 09.01	Individual & Family Development 19.07
Communications, Other 09.99	Textiles & Clothing 19.09
Quality Control & Safety Technologies 15.07	Consumer and Homemaking Home Economics 20.01
Mechanical & Related Technologies 15.08	Child Care & Guidance Management & Services 20.02
Mining & Petroleum Technologies 15.09	Clothing, Apparel, & Textiles Management, Production, & Services 20.03
Dental Services 17.01	Food Production, Management, and Services 20.04
Diagnostic & Treatment Services 17.02	Home Furnishings & Equipment, Management, Production, and Services 20.05
Medical Laboratory Technologies 17.03	Industrial Arts 21.01
Mental Health/Human Services 17.04	Interpersonal Skills 35.01
Misc. Allied Health Services 17.05	Personal Awareness 47.01
Nursing-Related Services 17.06	Brickmasonry, Stonemasonry, & Tile Setting 46.01
Allied Health, Other 17.99	Carpentry 46.02
Emergency/Disaster Science 18.05	Electrical & Power Transmission Installation 46.03
Home Economics, General 19.01	
Family/Consumer Resource Management 19.04	

EXHIBIT 1--Continued

Misc. Construction Trades 46.04	Graphic & Printing Communications 48.02
Plumbing, Pipefitting, & Steamfitting 46.05	Leatherworking & Upholstering 48.03
Electrical & Electronics Equipment Repair 47.01	Precision Food Production 48.04
Heating, Air Conditioning & Refrigeration Mechanics 47.02	Precision Metal Work 48.05
Industrial Equipment Management, & Repair 47.03	Precision Work, Assorted Materials 48.06
Misc. Mechanics & Repairers 47.04	Woodworking 48.07
Vehicle & Mobile Equipment Mechanics and Repairers 47.06	Vehicle & Equipment Operation 49.02
Drafting 48.01	Design 50.04

EXHIBIT 2

CURRICULUM COORDINATION CENTERS OF THE
NATIONAL NETWORK OF CURRICULUM COORDINATION
FOR VOCATIONAL AND TECHNICAL EDUCATION

East Central

Delaware, District of Columbia,
Illinois, Indiana, Maryland,
Michigan, Minnesota, Ohio,
Pennsylvania, Virginia, West
Virginia, Wisconsin

Rebecca S. Douglas, Director
Sangamon State University
Springfield, IL 62708
(217) 786-6375

Midwest

Arkansas, Iowa, Kansas,
Louisiana, Missouri, Nebraska,
New Mexico, Oklahoma, Texas

Robert Patton, Director
1515 West Sixth Avenue
Stillwater, OK 74074
(405) 377-2000

Northeast

Connecticut, Maine, Massachu-
setts, New Hampshire, New
Jersey, New York, Puerto Rico,
Rhode Island, Vermont, Virgin
Islands

Martha Pocsi, Director
Rutgers University
200 Old Matawan Road
Old Bridge, NJ 08857
(201) 390-1191

Northwest

Alaska, Colorado, Idaho,
Montana, North Dakota, Oregon,
South Dakota, Utah, Washington,
Wyoming

William Daniels, Director
Saint Martin's College
Old Main Building, Room 474
Lacey, WA 98503
(206) 438-4456

Southeast

Alabama, Florida, Georgia
Kentucky, Mississippi, North
Carolina, South Carolina,
Tennessee

James C. McCully, Director
Mississippi State University
Drawer DX
Mississippi State, MS 39762
(601) 325-2510

Western

American Samoa, Arizona,
California, Guam, Hawaii,
Nevada, Trust Territories of
the Pacific Islands

Lawrence F. H. Zane, Director
University of Hawaii at Manoa
1776 University Avenue
Honolulu, HI 96822
(808) 948-7834

In the Other Measures sections, only the VECM accession numbers and the test titles are listed. If the user wishes further information on any of these tests, the accession number is the key. The full documentation can be obtained from the Bibliographic Retrieval Service (BRS), from a curriculum coordination center or from the National Center for Research in Vocational Education (NCRVE). Appendix 2 reproduces the documentation for four entries in the Other Measures sections in order to give the user a sense of the information that is available.

The most direct way to access VECM is through the (BRS) using a personal computer and modem. BRS maintains online databases that can be searched on a fee basis. Users who do not have access to this service can request VECM documentation from the curriculum coordination center serving their States or from the NCRVE. All that users needs to do is make a telephone call indicating the accession numbers of the tests in which they are interested.

Information on the Tests

Users should note that most of the verified, field-tested instruments were developed at three institutions: The National Occupational Competency Testing Institute (NOCTI), the American Institutes for Research (AIR), and the Instructional Materials Laboratory, The Ohio State University. The information about the tests from these three sources is summarized in the following section rather than being repeated with each entry.

National Occupational Competency Testing Institute

About half of the verified, field-tested instruments are from NOCTI. Of the 75 tests from this source, the 50 Teacher Occupational Competency Tests are intended for use with experienced workers who are applying for teaching positions in vocational education programs. They are designed to certify that the applicants have adequate mastery of the occupations they would like to teach. The other tests from NOCTI, the Student Occupational Competency Achievement Tests, are specifically designed to be used to measure students' occupational knowledge and skills.

The NOCTI tests have both written and performance measures. The student tests from NOCTI all have 3-hour written tests and performance tests that range from 40 minutes to 4 1/2 hours. Most of the performance tests (23 of the 25) take about 3 hours. The written part of the teacher tests from NOCTI also take 3 hours, but most of the performance tests are longer taking 4, 5, and a few even 6 hours to complete.

The teacher tests are administered by testing centers in each of the States. A list of these centers is available from NOCTI. The student tests can be administered by a school personnel with the assistance of advisory committee members or other occupational experts, if so desired. Some of the NOCTI tests are reviewed in Buros (1978) entries 1129 through 1153 on pages 1712 to 1735.

For more information on the NOCTI tests contact--

National Occupational Competency Testing Institute
318 Johnson Hall
Ferris State College
Big Rapids, MI 49307
(616) 796-4695

NOTE: Users of NOCTI tests must assure the security of the tests and return all testing materials. Users purchase a testing service, not the actual test materials.

American Institute for Research

The AIR tests consist of written and performance sections. The written sections are in two parts, each of which takes about 45 minutes to administer. The performance sections are untimed. Testing time ranges from approximately 1 1/2 to 3 hours, depending on the proficiency of the student.

The AIR tests also include a Work Habits Inventory. This consists of 3 questionnaires each containing the same 49 rating scales. The student completes two of the questionnaires first with reference to "how you think the average employer wants employees to behave" and second with reference to "the extent to which each of the descriptions applies to you." The teacher completes the third questionnaire describing "the extent to which each of the descriptions below applies to this student." The developer recommends that the ratings be compared across questionnaires and to employers' ratings of the relevance of the items.

The AIR tests can be obtained on loan from the Western CCC or ordered from--

American Association for Vocational Instructional
Materials (AAVIM)
120 Driftmier Engineering Center
Athens, GA 30602
(404) 542-2586

Ohio Vocational Achievement Tests

The Ohio tests are written tests designed to measure students' occupational knowledge and skills. They consist of two parts and each takes from 2 to 2 1/2 hours to complete. The developer recommends that the parts be administered on separate consecutive days.

The Ohio tests also include the California Short Form Test of Academic Aptitude, which takes 1 hour for completion. The developer recommends that this be administered so the achievement percentiles of students can be compared to their aptitude percentiles. This is possible because both tests are normed on the same population. One of the Ohio tests is reviewed in Buros (1978), entry 1160 on page 1736.

For more information on the Ohio Tests, contact--

Instructional Materials Laboratory (IML)
The Ohio State University
154 West 12th Avenue
Columbus, OH 43210
(614) 422-5001

NOTE: Users of the Ohio tests must assure the security of the tests and return all testing materials. Users purchase a testing service, not the actual test materials.

Other Sources

Vocational-Technical Education Consortium of States (V-TECS). V-TECS is developing a databank of criterion-referenced test items for many of the occupations in its catalogs. These catalogs are derived from task analyses of over 150 specific occupations. Approximately 30 test itembanks are scheduled to be available to users by the fall of 1986 in both computer software and hardcopy form.

For more information contact--

Vocational-Technical Education
Consortium of States
795 Peachtree Street, N.E.
Atlanta, GA 30365
(404) 897-6158

IDECC. IDECC is the national curriculum center for marketing education. It maintains a databank of test items for marketing occupations. These are available to users on a fee basis. Multiple choice test questions are currently being transferred to microcomputer software and are available in several formats.

Questions may be accessed by individual competency or by occupation and level. The IDECC item bank has a "descriptive test key" that provides a rationale and reference for each question.

For more information contact--

IDECC: The Ohio State University
1564 West First Avenue
Columbus, OH 43212
(614) 486-6708

Vocational and Occupational Information Center for Educators (VOICE). A few of the evaluation instruments contained in curriculum materials were not entered in VECM. These were listed in a computer search provided to this project by VOICE.

There are two major sources of these instruments. The first is the California Department of Education, which operates VOICE, contact at--

California Department of Education
721 Capitol Mall
Sacramento, CA 95814
(916) 445-0401

The second is at the University of Texas and can be contacted at--

Extension Instruction and Materials Center
P.O. Box 7218
The University of Texas at Austin
Austin, TX 78713
(512) 471-7716

Educational Resources Information Center (ERIC). Sixteen of the entries in this compendium were identified by a search of the ERIC database. The search strategy is described in appendix 3. Microfiche copies of these instruments can be examined at any library that maintains the ERIC microfiche collection. The accession (ED) number for these entries is entered in the documentation under availability.

To purchase microfiche or hard copies of the ERIC documents contact--

ERIC-Document Reproduction Service
3900 Wheeler Avenue
Alexandria, VA 22304
(800) 227-3742

Disclaimer

The inclusion or exclusion of a testing instrument from this compendium does not imply any judgment by the National Center as to the quality of any instrument or its suitability for various purposes.

Several steps were taken to attempt to locate all measures that met the project's criteria. For example, an ERIC search was conducted using occupational and employability related descriptors in the ERIC Thesaurus, together with descriptors on tests and evaluation. (See appendix 3 for a full description of the search strategy.) The VECM database was also searched for all print material that had the following parts indicated: evaluation instrument or criterion-referenced evaluation and field-tested/validated. In addition, letters were sent to instructional materials centers, curriculum coordination centers, and commercial publishers. These letters requested nominations of tests that were not documented on computer-searchable databases.

Despite these steps, some measures that should have been included may not have been identified. The most likely reason is the way they were described in the database documentation. For example, the initial search of VECM did not identify the AIR tests even though they are in this database. The AIR tests were not located because "field-tested/validated" had not been indicated for these tests. Conversely the search of the Educational Testing Service (ETS) database identified nine "Short Occupational Knowledge Tests" that are no longer available from the publisher, Science Research Associates. Personal contact with the publisher indicated these tests had been withdrawn from publication because they were outdated.

The ERIC search yielded 397 documents that had evaluation materials or tests indicated. Evidence of field testing of the instruments could be verified, however, for only 16 of these documents. Users who are aware of measures that should be included in the VECM database should bring these to the attention of the curriculum coordination centers that serve their States or the VECM coordinator at the National Center.

Guide to Documentation

The following information is provided for all verified measures:

- o Title of material: Title taken from instrument or curriculum set, sometimes abbreviated.

- o Developer: Organization or individual that developed the instrument.
- o Educational Level: Grade levels 9-14 and higher education.
- o Target population: Regular, disadvantaged, or handicapped.
- o Availability: Sale or loan if on file with a curriculum coordinator center (CCC).
- o Center code: Initials of CCCs

- EC = East Centra
- NW = Midwest
- NE = Northeast
- NW = Northwest
- SE = Southeast
- W = Western

See exhibit 2 for addresses of CCCs. Following the CCC initials is the four digit Classification of Instructional Programs Code for the instrument.

OCCUPATIONALLY SPECIFIC SKILLS
AND KNOWLEDGE: VERIFIED
MEASURES IN THE VOCATIONAL
EDUCATION CURRICULUM MATERIALS (VECM)
DATABASE

AGRICULTURE

Agribusiness and Agricultural Production

Agricultural Business and Management (01.01)

Title of material: Competency Test Items for Fundamentals of
Agribusiness & Nat. Res. Occupations
Developer: Florida University, Gainesville Inst. of Food &
Agricultural Sci.
Educational level: 9-10
Target population: Regular
Availability: Sale ERIC ED230768
Center code: SE 01.01

Agricultural Mechanics (01.02)

Title of material: Vocational Competency Measures: Farm
Equipment Mechanic
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-12, 13-14 Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 01.02

Title of material: Student Occupational Competency Achievement
Testing: Agriculture Mechanics
Developer: National Occupational Competency Testing Institute
Educational level: 11-12, 13-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 01.02

Agricultural Production (01.03)

Title of material: Competency Test Items for Applied Principles
of Agribusiness and Natural Resources Occupations. Agricultural
Production Component.
Developer: Florida University, Inst. of Food & Agricultural
Sciences
Educational level: 9-10
Target population: Regular
Availability: Sale ERIC ED230771
Center code: SE 01.03

Horticulture (01.06)

Title of material: Student Occupational Competency Achievement
Testing: Horticulture
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 01.06

Plant Sciences (02.04)

Title of material: Vocational Competency Measures: Agricultural
Chemicals Applications Technician
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: WE 02.04

BUSINESS

Business and Office

Accounting, Bookkeeping and
Related Programs (07.01)

Title of material: Student Occupational Competency Achievement
Testing: Accounting/Bookkeeping
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 07.01

Secretarial and Related Programs (07.06)

Title of material: Vocational Competency Measures: Word
Processing Specialist
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 07.06

Title of material: Lembrecht Shorthand Aptitude Test & Teacher's Manual

Developer: Dept. of Voc. & Tech. Education, Univ. of Minnesota

Educational level: 9-10, 11-12

Target population: Regular

Availability: Sale ERIC ED200641

Center code: EC 07.06

Typing, General Office, and
Related Programs (07.07)

Title of material: Student Occupational Competency Achievement Testing: General Office

Developer: National Occupational Competency Testing Institute

Educational level: 11-14, Adult

Target population: Regular

Availability: Loan or Sale from Developer

Center code: EC 07.07

Title of material: Final Report on the Development of Essential Competencies & Matching Evaluation Instruments for Evaluating the Performance of First-Year Typewriting Students in the High Schools of Pennsylvania

Developer: Robert Morris Coll., Business Teacher Education Department

Educational level: 9-10, 11-12

Target population: Regular

Availability: Sale ERIC ED164566

Center code: EC 07.07

Title of material: Performance Tests for Typewriting & VOE Teachers for Measuring Various Achievement Levels

Developer: Middle Tennessee State University

Educational level: 9-12, 13-14

Target population: Regular

Availability: Sale ERIC ED124716

Center code: SE 07.07

Title of material: Clerical Machine Operator Work Sample

Developer: Shawsheen Valley Regional Vocational-Technical High School

Educational level: 9-10, 11-12

Target population: Handicapped

Availability: Sale ERIC ED236^24

Center code: NE 07.07

Marketing and Distribution

Apparel and Accessories Marketing (08.01)

Title of material: Vocational Competency Measures: Apparel Sales
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 08.01

Food Marketing (08.06)

Title of material: Vocational Competency Measures: Grocery Clerk
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 08.06

General Marketing (08.07)

Title of material: Student Occupational Competency Achievement
Testing: General Merchandising
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 08.07

Hospitality and Recreation Marketing (08.09)

Title of material: Vocational Competency Measures: Hotel (Motel)
Front Office
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 08.09

Title of material: Vocational Competency Measures: Restaurant
Service Waiter, Waitress, Cashier
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 08.09

COMMUNICATIONS

Communication Technologies

Communication Technologies (10.01)

Title of material: Teacher Occupational Competency Test: Audio-
Visual Communications
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 10.01

COMPUTER AND INFORMATION SCIENCES

Computer and Information Sciences

Computer Programming (11.02)

Title of material: Student Occupational Competency Achievement
Testing: Computer Programming
Developer: National Occupational Competency Testing Institute
Educational level: 11-12, 13-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 11.02

Computer and Information Sciences, Other (11.99)

Title of material: Vocational Competency Measures: Computer
Operator
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 11.99

CONSUMER, PERSONAL AND MISCELLANEOUS SERVICES

Consumer, Personal and Miscellaneous Services

Personal Services (12.04)

Title of material: Teacher Occupational Competency Test:
Cosmetology
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 12.04

ENGINEERING

Engineering and Engineering
Related Technologies

Civil Technologies (15.02)

Title of material: Teacher Occupational Competency Test: Civil
Technology
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 15.02

Electrical and Electronic
Technologies (15.03)

Title of material: Teacher Occupational Competency Test:
Computer Technology
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 15.03

Title of material: Teacher Occupational Competency Test:
Electronics Technology
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 15.03

Environmental Control
Technologies (15.05)

Title of material: Vocational Competency Measures: Wastewater
Treatment Technician
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 15.05

Title of material: Vocational Competency Measures: Water
Treatment Technician
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 15.05

Mechanical and Related
Technologies (15.08)

Title of material: Teacher Occupational Competency Test:
Mechanical Technology
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 15.08

HEALTH

Allied Health

Dental Services (17.01)

Title of material: Vocational Competency Measures: Dental
Assistant
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: W 17.01

Title of material: Screening Test Battery for Dental Laboratory
Specialist Course
Developer: Air Force Human Resources Lab., Brooks AFB
Educational level: 13-14, Higher Education
Target population: Regular
Availability: Sale ERIC ED151425
Center code: MW 17.01

Title of material: The Development of a Proficiency Exam. for
Dental Auxiliaries
Developer: Educational Testing Srvc. Ctr Occup. & Professional
Assessment
Educational level: 13-14, Higher Education
Target population: Regular
Availability: Sale ERIC ED186440
Center code: NE 17.01

Nursing Related Services (17.06)

Title of material: Student Occupational Competency Achievement
Testing: Prac. Nursing
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 17.06

Title of material: Teacher's Guide Competency-Based Ed. Curri.
for Lic. Prac. Nurse Assoc.
Developer: Ed. Consultants, WV State Vocational Curriculum Lab
Educational level: 13-14
Target population: Regular
Availability: Sale ERIC ED201845
Center code: EC 17.06

Rehabilitation Services (17.08)

Title of material: Vocational Competency Measures: Physical
Therapist Assistant
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 17.08

HOME ECONOMICS

Home Economics

Textiles and Clothing (19.09)

Title of material: Vocational Competency Measures: Fabric Sales
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 19.09

Title of material: Vocational Competency Measures: Custom
Sewing
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 19.09

Vocational Home Economics

Clothing, Apparel, and Textiles Management,
Production and Services (20.03)

Title of material: Student Occupational Competency Achievement
Testing: Sewn Products
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.03

Title of material: Teacher Occupational Competency Test: Power
Sewing
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.03

Title of material: Teacher Occupational Comp. Test: Textile
Production/Fabrication
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.03

Food Production, Management,
and Services (20.04)

Title of material: Student Occupational Comp. Achievement
Testing: Commercial Foods
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.04

Title of material: Teacher Occupational Competency Test: Baker
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.04

Title of material: Teacher Occupational Competency Test:
Quantity Food Preparation
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.04

Title of material: Teacher Occupational Competency Test:
Quantity Foods
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 20.04

Title of material: Occupational Home Economics Education Series:
Fast Food Services
Developer: American Home Economics Association, Purdue Univ.
Educational level: 9-14, Adult
Target population: Regular
Availability: Sale ERIC ED155389
Center code: EC 20.04

Title of material: Occupational Home Economics Series. Catering
Services
Developer: American Home Economics Association, Purdue Univ.
Educational level: 9-14, Adult
Target population: Regular
Availability: Sale ERIC ED155385
Center code: EC 20.04

TRADE AND INDUSTRIAL

Construction Trades

Brickmasonry, Stonemasonry and
Tile Setting (46.01)

Title of material: Student Occupational Comp. Achieve. Testing:
Construction Masonry
Developer: National Occupational Competency Testing Institute
Educational level: 11-14
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.01

Title of material: Teacher Occupational Competency Test: Brick
Masonry
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.01

Title of material: Teacher Occupational Competency Test: Masonry
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.01

Title of material: Teacher Occupational Competency Test: Masonry
Occupations
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.01

Carpentry (46.02)

Title of material: Vocational Competency Measures: Carpenter
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 46.02

Title of material: Student Occupational Competency Achievement
Testing: Carpentry
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.02

Title of material: Teacher Occupational Competency Test:
Carpentry
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.02

Electrical and Power Transmission
Installation (46.03)

Title of material: Student Occupational Comp. Achieve. Testing:
Construc. Electricity
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.03

Title of material: Student Occupational Comp. Achieve. Testing:
Industrial Electricity
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.03

Title of material: Teacher Occupational Competency Test:
Electrical Installation
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.03

Title of material: Teacher Occupational Competency Test:
Industrial Electrician
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.03

Miscellaneous Construction Trades (46.04)

Title of material: Teacher Occupational Competency Test:
Building Trades Maintenance
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.04

Title of material: Teacher Occupational Comp. Test: Painting and
Decorating
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.04

Title of material: Teacher Occupational Comp. Test: Building
Construction Occupations
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.04

Plumbing, Pipefitting, and
Steamfitting (46.05)

Title of material: Student Occupational Competency Achievement
Testing: Plumbing
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.05

Title of material: Teacher Occupational Competency Test:
Plumbing
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 46.05

Mechanics and Repairers

Electrical and Electronics Equipment Repair (47.01)

Title of material: Vocational Competency Measures: Electronics Technician
Developer: American Institutes for Research in the Behavioral Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 47.01

Title of material: Student Occupational Competency Achieve. Testing, Radio & TV Repair
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center Code: EC 47.01

Title of material: Student Occupational Comp. Achieve. Testing: Industrial Electronics
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.01

Title of material: Teacher Occupational Competency Test: Radio/TV Repair
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.01

Title of material: Teacher Occupational Competency Test: Major Appliance Repair
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.01

Title of material: Teacher Occupational Competency Test: Industrial Electronics
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.01

Title of material: Teacher Occupational Competency Test:
Electronics Communications
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.01

Heating, Air Conditioning and
Refrigeration Mechanics (47.02)

Title of material: Student Occupational Competency Achievement
Testing: Refrigeration
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.02

Title of material: Student Occupational Competency Achieve.
Testing: Heating/Air Cond.
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.02

Title of material: Teacher Occupational Competency Test: Air
Conditioning/Refrigeration
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.02

Title of material: Teacher Occupational Competency Test: Heating
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.02

Title of material: Teacher Occupational Competency Test:
Refrigeration
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.02

Vehicle and Mobile Equipment
Mechanics and Repairers (47.06)

Title of material: Vocational Competency Measures: Diesel
Mechanic
Developer: American Institutes for Research in the Behavioral
Sciences
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from AAVIM
Center code: W 47.06

Title of material: Automotive Work Sample
Developer: Shawsheen Valley Regional Vocational-Technical High
School
Educational level: 9-12
Target population: Handicapped
Availability: Sale ERIC ED236422
Center code: NE 47.06

Title of material: Automobile Mechanic Assistant Work Sample
Developer: Shawsheen Valley Regional Vocational-Technical High
School
Educational level: 9-12
Target population: Handicapped
Availability: Sale ERIC ED236421
Center code: NE 47.06

Title of material: Student Occupational Competency Achievement
Testing: Auto Body
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Student Occupational Competency Achieve.
Testing: Auto Mechanics
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Student Occupational Comp. Achieve. Testing:
Small Engine Repair
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test:
Airframe and Power Plant
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test: Auto
Body Repair
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test:
Automotive Body and Fender
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test: Auto
Mechanic
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test: Diesel
Engine Repair
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test: Diesel
Mechanic
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test: Small Engine Repair (005)
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Title of material: Teacher Occupational Competency Test: Small Engine Repair (056)
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 47.06

Precision Production

Drafting (48.01)

Title of material: Student Occupational Competency Achievement Testing: Drafting
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.01

Title of material: Teacher Occupational Competency Test: Architectural Drafting
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.01

Title of material: Teacher Occupational Competency Test: Drafting Occupations
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.01

Title of material: Teacher Occupational Competency Test: Machine Drafting
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.01

Graphic and Printing
Communications (48.02)

Title of material: Student Occupational Competency Achievement
Testing: Printing
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center Code: EC 48.02

Title of material: Teacher Occupational Competency Test:
Commercial Art
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center Code: EC 48.02

Title of material: Teacher Occupational Competency Test:
Commercial Photography
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center Code: EC 48.02

Title of material: Teacher Occupational Competency Test:
Printing (Offset)
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center Code: EC 48.02

Title of material: Teacher Occupational Competency Test:
Printing (Letterpress)
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center Code: EC 48.02

Precision Metal Work (48.05)

Title of material: Drill Press Work Sample
Developer: Massachusetts State Dept. of Education, Boston,
Massachusetts
Educational level: 9-10, 11-12
Target population: Handicapped
Availability: Sale ERIC ED236427
Center code: NE 48.05

Title of material: Student Occupational Competency Achieve.
Testing: Machine Trades
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Title of material: Student Occupational Competency Achievement
Testing: Welding
Developer: National Occupational Competency Testing Institute
Educational level: 11-14, Adult
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Title of material: Teacher Occupational Competency Test: Machine
Trades
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target Population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Title of material: Teacher Occupational Competency Test: Sheet
Metal
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Title of material: Teacher Occupational Competency Test: Tool
and Die Making
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Title of material: Teacher Occupational Competency Test: Welding
(057)
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Title of material: Teacher Occupational Competency Test: Welding
(021)
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.05

Precision Work, Assorted
Materials (48.06)

Title of material: Small Parts Assembler Work Sample
Developer: Shawsheen Valley Regional Vocational-Technical High
School
Educational level: 9-12
Target population: Handicapped
Availability: Sale ERIC ED236432
Center code: NE 48.06

Woodworking (48.07)

Title of material: Teacher Occupational Competency Test: Cabinet
Making and Millwork
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 48.07

Transportation and Material Moving

Vehicle and Equipment
Operation (49.02)

Title of material: Teacher Occupational Competency Test:
Materials Handling
Developer: National Occupational Competency Testing Institute
Educational level: Higher Education
Target population: Regular
Availability: Loan or Sale from Developer
Center code: EC 49.02

OCCUPATIONALLY SPECIFIC
SKILLS AND KNOWLEDGE:
VERIFIED MEASURES IN THE
EDUCATIONAL TESTING SERVICE (ETS)
DATABASE

AGRICULTURE

Agribusiness and Agricultural Production

Agricultural Business and Management (01.01)

Title of material: Ohio Voc. Achievement Tests: Agri. Ed., Farm
Mgmt.
Developer: Ohio State Dept. of Education, Columbus, Div. of Voc.
Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML¹
Center code: 01.01

Agricultural Mechanics (01.02)

Title of material: Ohio Voc. Achievement Tests: Agri. Ed.,
Agricultural Mechanic
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 01.02

Agricultural Services and Supplies (01.05)

Title of material: Ohio Voc. Achievement Tests: Agri. Ed., Agri.
Business
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 01.05

Horticulture (01.06)

Title of material: Ohio Voc. Achievement Tests: Agri. Ed.,
Horticulture
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 01.06

¹Ohio State Tests are secure and are not available through the curriculum coordination centers.

BUSINESS

Business and Office

Accounting, Bookkeeping and Related Programs (07.01)

Title of material: Ohio Voc. Achievement Tests: Bus. & Ofc. Ed.,
Acct./Computing Clk.
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 07.01

Secretarial and Related Programs (07.06)

Title of material: Ohio Voc. Achievement Tests: Bus. & Ofc. Ed.,
Clk.-Stenographer
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 07.06

Typing, General Office and Related Programs (07.07)

Title of material: Ohio Voc. Achievement Tests: Bus. & Ofc. Ed.,
Gen. Ofc. Clk.
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 07.07

Marketing and Distribution

Food Marketing (08.06)

Title of material: Ohio Voc. Achievement Tests: Dist. Ed., Food
Marketing
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 08.06

General Marketing (08.07)

Title of material: Ohio Voc. Achievement Tests: Dist. Ed., Gen. Merchandising
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 08.07

Hospitality and Recreation
Marketing (08.09)

Title of material: Ohio Voc. Achievement Tests: Dist. Ed., Food Service Personnel
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 08.09

ENGINEERING

Engineering and Engineering-Related Technologies

Electrical and Electronic
Technologies (15.03)

Title of material: Certified Electronics Technician Program
Developer: International Society of Certified Electronics Technicians
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale from Developer at 2708 W. Berry, Ft. Worth, Texas 76109
Center code: 15.03

Title of material: Ohio Voc. Achievement Tests: Electronics, Industrial Electronics
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 15.03

Environmental Control
Technologies (15.05)

Title of material: Wherf Certification Program for Solid Fuel
Safety Technicians
Developer: Wood Heating Education & Research Foundation
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale from Developer at Suite 700, 1101 Connecticut
Avenue, N.W., Washington, DC 20036
Center code: 15.05

Title of material: Intermediate Water Examination
Developer: Department of the Navy
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale ERIC ED152502
Center code: 15.05

Title of material: Advanced Water Examination
Developer: Department of the Navy
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale ERIC ED152501
Center code: 15.05

Engineering and Engineering-Related
Technologies, Other (15.99)

Title of material: Engineering Technicians Certification Program
Developer: National Institute for Certification in Engineering
Technologies
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale from Developer at 2029 K St., N.W.,
Washington, DC 20006
Center code: 15.99

HEALTH

Allied Health

Dental Services (17.01)

Title of material: Ohio Voc. Achievement Tests: Health
Occupations Ed., Dental Assisting
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 17.01

Miscellaneous Allied Health
Services (17.05)

Title of material: Ohio Voc. Achievement Tests: Health
Occupations Ed., Medical Assisting
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 17.05

Nursing-Related Services (17.06)

Title of material: Ohio Voc. Achievement Tests: Health
Occupations Ed, Diverse Health Occs
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 17.06

HOME ECONOMICS

Vocational Home Economics

Child Care and Guidance
Management and Services (20.02)

Title of material: Ohio Voc. Achievement Tests: Home Ec. Ed.,
Nursery School/Teach Aide
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 20.02

Clothing, Apparel, and Textiles Management
Production and Services (20.03)

Title of material: Ohio Voc. Achievement Tests: Home Ec. Ed..
Fabric Services
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 20.03

Food Production, Management
and Services (20.04)

Title of material: Ohio Voc. Achievement Tests: Home Ec. Ed.,
Food Services
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 20.04

Title of material: Ohio Voc. Achievement Tests: Personal
Services, Cosmetology
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 12.04

Institutional, Home Management,
and Supporting Services (20.06)

Title of material: Ohio Voc. Achievement Tests: Home Ec. Ed.
Community & Home Svcs.
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 20.06

TRADE AND INDUSTRIAL

Construction Trades

Brickmasonry, Stonemasonry,
and Tile Setting (46.01)

Title of material: Ohio Voc. Achievement Tests: Construction
Trades, Masonry
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 46.01

Title of material: Tilesetting Testbook
Developer: Strazicich-Mirko Ed.
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale ERIC ED211847
Center code: 46.01

Carpentry (46.02)

Title of material: Purdue Trade Information Test in Carpentry
Developer: Tiffin, Joseph; Mengelkoch, Robert F.
Educational level: Adult
Target population: Regular
Availability: Sale contact Purdue University Bookstore, 360 State
St., W. Lafayette, IN 47906
Center code: 46.02

Title of material: Ohio Voc. Achievement Tests: Construction
Trades, Carpentry
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 46.02

Electrical and Power Transmission
Installation (46.03)

Title of material: Ohio Voc. Achievement Tests: Construction
Trades, Electricity
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 46.03

Title of material: Multistate Electrical Licensing Tests:
Journeyman
Developer: Educational Testing Service
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale from Developer at Box 2890, Princeton, NJ
08541
Center code: 46.03

Title of material: Multistate Electrical Licensing Tests:
Master/Contractor.
Developer: Educational Testing Service
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale from Developer at Box 2890, Princeton, NJ
08541
Center code: 46.03

Mechanics and Repairers

Electrical and Electronics

Equipment Repair (47.01)

Title of material: Ohio Voc. Achievement Tests: Electronics,
Communication Prod. Electronics
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 47.01

Heating, Air Conditioning, and Refrigeration Mechanics (47.02)

Title of material: Ohio Voc. Achievement Tests: Construction
Trades, Heating, Air Conditioning and Refrigeration
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 47.02

Vehicle and Mobile Equipment Mechanics and Repairers (47.06)

Title of material: Auditory Automotive Mechanics Diagnostic
Achievement Test
Developer: Swanson-Richard-Arthur
Educational level: 13-14, Adult
Target population: Regular
Availability: Sale ERIC ED154034
Center code: 47.06

Title of material: Ohio Voc. Achievement Tests: Automotive Auto
Body Mechanic
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 47.06

Title of material: Ohio Voc. Achievement Tests: Automotive,
Automotive Mechanics.
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 47.06

Title of material: Ohio Voc. Achievement Tests: Automotive,
Diesel Mechanic
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 47.06

Precision Production

Drafting (48.01)

Title of material: Ohio Voc. Achievement Tests: Graphic
Communications, Drafting
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 48.01

Graphic and Printing Communications (48.02)

Title of material: Ohio Voc. Achievement Tests: Graphic
Communications, Commercial Art
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 48.02

Title of material: Ohio Voc. Achievement Tests: Graphic
Communications, Lithographic Printing
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 48.02

Precision Metal Work (48.05)

Title of material: Purdue Trade Information Test for Sheetmetal
Workers
Developer: Tiffin, Joseph; and others
Educational level: Adult
Target population: Regular
Availability: Sale contact Purdue University Bookstore, 360 State
St., W. Lafayette, IN 47906
Center code: 48.05

Title of material: Purdue Trade Information Test in Welding
Developer: Tiffin, Joseph; Griffin, Warren B.
Educational level: Adult
Target population: Regular
Availability: Sale contact Purdue University Bookstore, 360 State
St., W. Lafayette, IN 47906
Center code: 48.05

Title of material: Ohio Voc. Achievement Tests: Metal Trades,
Mach. Trades
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 48.05

Title of material: Ohio Voc. Achievement Tests: Metal Trades,
Sheet Metal
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 48.05

Title of material: Ohio Voc. Achievement Tests: Metal Trades,
Welding.
Developer: Ohio State Dept. of Ed., Columbus, Div. of Voc. Ed.
Educational level: 11-12
Target population: Regular
Availability: Sale from OSU, IML
Center code: 48.05

OCCUPATIONALLY SPECIFIC SKILLS AND
KNOWLEDGE: OTHER MEASURES IN
THE VOCATIONAL EDUCATION CURRICULUM MATERIALS
(VECM) DATABASE

(This section lists curriculum
materials that have been
field-tested/validated and
include evaluation instruments.
These evaluation instruments
have not been examined
by project staff.)

AGRICULTURE

Agribusiness and
Agricultural Production

Agricultural Business and
Management (01.01)

- AN002041 Economics and
Marketing LAP 1: ECONOMICS
AND YOU 01.01
- AN002208 Economics and
Marketing LAP 17: BUSINESS
AND SOCIETY 01.01
- AN002209 Economics and
Marketing LAP 18: CHANNELS
OF DISTRIBUTION 01.01
- AN002210 Economics and
Marketing LAP 19: GROSS
NATIONAL PRODUCT 01.01
- AN002211 Economics and
Marketing LAP 20: BUSINESS
CYCLES 01.01 02
- AN002212 Economics and
Marketing LAP 22: LABOR
UNIONS 01.01
- AN002213 Economics and
Marketing LAP 21:
SPECIALIZATION OF LABOR
01.01
- AN002214 Economics and
Marketing LAP 23:
COLLECTIVE BARGAINING
01.01
- AN002215 Economics and
Marketing LAP 24:
INTERNATIONAL TRADE
01.01
- AN002216 Economics and
Marketing LAP 15: PRIVATE
ENTERPRISE 01.01
- AN002217 Economics and
Marketing LAP 14:
PROMOTIONAL MIX 01.01
- AN002218 Economics and
Marketing LAP 13: MARKETING
STRATEGIES 01.01
- AN002219 Economics and
Marketing LAP 12: MARKET
IDENTIFICATION 01.01
- AN002220 Economics and
Marketing LAP 11:
COMPETITION 01.01
- AN002221 Economics and
Marketing LAP 10: SUPPLY
AND DEMAND 01.01
- AN002222 Economics and
Marketing LAP 9: MARKET
PRICE 01.01
- AN002223 Economics and
Marketing LAP 8: BUSINESS
RISKS 01.01
- AN002224 Economics and
Marketing LAP 7: PROFITING
FROM PROFITS 01.01
- AN002225 Economics and
Marketing LAP 6: MARKETING
FUNCTIONS 01.01
- AN002226 Economics and
Marketing LAP: The "WHAT"
AND "WHY" OF MARKETING
01.01
- AN002227 Economics and
Marketing LAP 4: ECONOMIC
RESOURCES 01.01
- AN002228 Economics and
Marketing LAP 13: PRODUCT
UTILITY 01.01
- AN002229 Economics and
Marketing LAP 2: ECONOMICS
GOODS AND SERVICES 01.01
- AN003568 Employment in
Agribusiness 01.01

AN002218 Economics and
Marketing LAP 13: MARKETING
STRATEGIES 01.01

AN002219 Economics and
Marketing LAP 12: MARKET
IDENTIFICATION 01.01

AN002220 Economics and
Marketing LAP 11:
COMPETITION 01.01

AN002221 Economics and
Marketing LAP 10: SUPPLY
AND DEMAND 01.01

AN002222 Economics and
Marketing LAP 9: MARKET
PRICE 01.01

AN002223 Economics and
Marketing LAP 8: BUSINESS
RISKS 01.01

AN002224 Economics and
Marketing LAP 7: PROFITING
FROM PROFITS 01.01

AN002225 Economics and
Marketing LAP 6: MARKETING
FUNCTIONS 01.01

AN002226 Economics and
Marketing LAP: The "WHAT"
AND "WHY" OF MARKETING
01.01

AN002227 Economics and
Marketing LAP 4: ECONOMIC
RESOURCES 01.01

AN002228 Economics and
Marketing LAP 13: PRODUCT
UTILITY 01.01

AN002229 Economics and
Marketing LAP 2: ECONOMICS
GOODS AND SERVICES 01.01

AN003568 Employment in
Agribusiness 01.01

AN003812 Farm Business
Management III 01.01

AN004845 Agriculture
Cooperative Training Student
Workbook 01.01

AN004892 Supervised
Experience Programs
01.01

AN004917 Ranch Employee
01.01

<u>Agricultural Production</u> <u>(01.03)</u>	AN004941 Plant Requirements 01.03
AN001306 Vocational Agriculture IV 01.03	AN004942 Inorganic and Organic Fertilizers--Types of Blends 01.03
AN001307 Vocational Agriculture III 01.03	AN004943 Methods, Rates, and Time of Fertilizer Application and Fert. Reg. 01.03
AN001309 Vocational Agriculture I (Revised) 01.03	AN004944 Identification and Control of Plant Diseases 01.03
AN001545 Production Agriculture Competency Profile 01.03	AN004945 Mechanical Weed Control 01.03
AN004908 V.A.I. Plant Science 01.03	AN004946 Chemical Weed Control 01.03
AN004913 Horse Farm Employee 01.03	AN004947 Skeletal and Muscular Systems 01.03
AN004914 Dairy Farm Worker 01.03	AN004948 Digestive Systems 01.03
AN004916 Feedlot Employee 01.03	AN004949 Feed Nutrients and Classes of Feed 01.03
AN004917 Ranch Employee 01.03	AN004950 Digestion and Absorption 01.03
AN004932 Methods of Breeding and Breeding Livestock 01.03	AN004951 Rations 01.03
AN004934 Teacher's Key for Vocational Agriculture III Student Material Top 01.03	AN004952 Internal Parasites of Livestock and Poultry 01.03
AN004935 Care of Livestock at Parturition 01.03	AN004953 Bacterial, Viral, Nutritional, Fungal, and Miscellaneous Diseases 01.03
AN004937 Animal Reproduction 01.03	AN004954 External Parasites of Livestock and Poultry 01.03
AN004938 Breeding Systems 01.03	AN004977 Injection Procedures 01.03
AN004939 Artificial Insemination 01.03	AN004978 Selecting Beef Cattle 01.03
AN004940 Planning Livestock Facilities 01.03	

AN004979 Breeds of Horses
01.03

AN004985 Specific Pathogen--
Free Program 01.03

AN004986 V.A. IV Production
Agriculture 01.03

AN004987 V.A. III Production
Agriculture 01.03

AN004994 Selecting Dairy
Cattle 01.03

AN004995 Selecting Sheep
01.03

AN004996 Breeds of Beef
Cattle 01.03

AN004998 Disposing of Plant
Residue 01.03

AN005007 Classifying and
Selecting Fruits and
Vegetables 01.03

AN005008 Handling, Grading,
and Packing 01.03

AN005009 Harvesting Methods
and Equipment 01.03

AN005013 Judging Poultry
01.03

AN005014 Breeds of Poultry
01.03

AN005015 Classes, Breeds,
and Varieties of Chickens
and Turkeys 01.03

AN005016 Crop Farm Employee
01.03

AN005020 Teacher's Key to
Poultry Judging 01.03

AN005021 Poultry Judging
Handbook 01.03

AN005025 Managing Soil for
Field Crops 01.03

AN005034 Selecting Poultry
01.03

AN005035 Poultry Judging and
Poultry and Egg Grading
01.03

AN005036 Maintaining Pure
Lines 01.03

Agricultural Products and
Processing (01.04)

AN005018 Interior Quality of
Eggs: Albumen and Yolk
01.04

Agricultural Services and
Supplies (01.05)

AN004847 Agricultural
Chemical Sales and Services
01.05

AN004911 Veterinary
Assistant 01.05

AN004918 Feed Sales and
Service 01.05

AN005017 Fertilizer Sales
and Services 01.05

Horticulture (01.06)

AN000110 Horticulture.
First Edition 01.06

AN001462 The Greenhouse
Worker Teacher Guide 01.06

AN003375 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Shrubs 01.06

AN003376 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Hand Tools
01.06

AN003377 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Tractors
01.06

AN003378 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Sowing & Soil
01.06

AN003379 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Fertilizer
01.06

AN003380 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Lawn Seedbed
01.06

AN003381 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Compost
01.06

AN003382 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Explr. the Job
01.06

AN003383 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Maintenance
01.06

AN003384 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Cleaning Grds.
01.06

AN003385 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Flowers
01.06

AN003386 Gardening-
Groundskeeping
(Disadvantaged -
Handicapped): Extension
01.06

AN003387 Gardening-
Groundskeeping
(Disadvantaged-Handicapped):
Care of Trees 01.06

AN003388 Gardening-
Groundskeeping
(Disadvantaged-Handicapped):
Insects 01.06

AN003389 Gardening-
Groundskeeping
(Disadvantaged-Handicapped):
Instructor 01.06

AN003390 Gardening-
Groundskeeping
(Disadvantaged-Handicapped):
Lawn Mowers 01.06

AN004846 Propagating
Horticulture Plants
01.06

AN004849 Ornamental
Horticulture Skill Sheets--
Set No. 2 01.06

AN004872 Laboratory
Exercises in Greenhouse
Operation 01.06

AN004873 Landscape
Horticulture Handbook
01.06

AN004887 Landscape Plant
Identification 01.06

AN004888 Greenhouse
Operations and Management
01.06

AN004889 CVAE-VEH
Horticulture 01.06

AN004890 Horticulture Plant
Science 01.06

AN004891 Ornamental and
Nursery Plant Production
01.06

AN005062 Electrical
Applications in the
Greenhouse 01.06

Agribusiness and
Agricultural Production,
Other (01.99)

AN002991 Microcomputer
Applications in Agriculture
01.99

Agricultural Sciences

Agricultural Sciences,
General (02.01)

AN004986 V.A. IV Production
Agriculture 02.01

AN004987 V.A. III Production
Agriculture 02.01

Animal Sciences (02.02)

AN000014 Agricultural
Livestock Skills. First
Edition 02.02

AN000015 Equine Management
and Production. First
Edition 02.02

AN003986 Animal Science Core
Curriculum 02.02

AN004914 Dairy Farm Worker
02.02

AN004932 Methods of Breeding
and Breeding Livestock 02.02

AN004933 Economic and
Aesthetic Values of and
Environmental Factors Affect
02.02

AN004935 Care of Livestock
at Parturition 02.02

AN004936 Genetics 02.02

AN004937 Animal Reproduction
02.02

AN004938 Breeding Systems
02.02

AN004939 Artificial
Insemination 02.02

AN004940 Planning Livestock
Facilities 02.02

AN004947 Skeletal and
Muscular Systems 02.02

AN004948 Digestive Systems
02.02

AN004949 Feed Nutrients and
Classes of Feed 02.02

AN004950 Digestion and
Absorption 02.02

AN004951 Rations 02.02

AN004952 Internal Parasites
of Livestock and Poultry
02.02

AN004953 Bacterial, Viral,
Nutritional, Fungal, and
Miscellaneous Diseases 02.02

AN004954 External Parasites
of Livestock and Poultry
02.02

AN004977 Injection
Procedures 02.02

AN004978 Selecting Beef
Cattle 02.02

AN004979 Breeds of Horses
02.02

AN004985 Specific Pathogen-
Free Program 02.02

AN004994 Selecting Dairy
Cattle 02.02

AN004995 Selecting Sheep
02.02

AN004996 Breeds of Beef
Cattle 02.02

AN005013 Judging Poultry
02.02

AN005014 Breeds of Poultry
02.02

AN005015 Classes, Breeds,
and Varieties of Chickens
and Turkeys 02.02

AN005018 Interior Quality of
Eggs: Albumen and Yolk
02.0.

AN005020 Teacher's Key to
Poultry Judging Handbook
Exercises 02.02

AN005021 Poultry Judging
Handbook 02.02

AN005034 Selecting Poultry
02.02

AN005035 Poultry Judging and
Poultry and Egg Grading
02.02

Food Sciences (02.03)

AN005007 Classifying and
Selecting Fruit and
Vegetables 02.03 02

Plant Sciences (02.04)

AN000110 Horticulture.
First Edition 02.04

AN003388 Gardening-
Groundskeeping
(Disadvantaged-Handicapped):
Insects 02.04

AN004846 Propogating
Horticulture Plants 02.04

AN004849 Ornamental
Horticulture Skill Sheets--
Set No. 2 02.04

AN004890 Horticulture Plant
Science 02.04

AN004907 V.A. II Plant
Science 02.04

AN004941 Plant Requirements
02.04

AN004942 Inorganic and
Organic Fertilizers--Types
of Blends 02.04

AN004943 Methods, Rate, and
Time of Fertilizer App. and
Fertilizer Regs. 02.04

AN004944 Identification and
Control of Plant Diseases
02.04

AN004945 Mechanical Weed
Control 02.04

AN004946 Chemical Weed
Control 02.04

AN004990 V.A. III Plant
Science Transparencies 02.04

AN005008 Handling, Grading,
and Packing 02.04

AN005010 Hybridization
02.04

AN005036 Maintaining Pure
Lines 02.04

Soil Sciences (02.05)

AN004909 V.A. II Soil
Science 02.05

AN004910 V.A. I Soil Science
02.05

AN004919 Soil Classification
and Sampling 02.05

AN004968 Basic Soil
Nutrients 02.05

AN004969 Uses of Fertilizer
and Fertilizer Materials
02.05

AN004970 Importance of
Organic Matter 02.05

AN004971 Recognizing Soil
Deficiencies 02.05

AN004972 Secondary
Nutrients, Micro-nutrients,
and Soil pH 02.05

AN004973 Soil
Characteristics as
Associated with Land
Features 02.05

AN004974 Identifying Land
Use Classes 02.05

AN004975 Land Judging 02.05

AN004976 Principles of Land
Use 02.05

AN004980 Components of Soil
and Its Properties 02.05

AN004981 Soil and Water
Conservation Measures
02.05

AN004988 V.A. IV Soil
Science Transparencies
02.05

AN004989 V.A. III Soil
Science Transparencies
02.05

AN005006 Capability Maps and
Numbering Systems 02.05

AN005011 Basic
Considerations for and
Economic Importance of Soil
Mgmt. 02.05

AN005012 Agricultural
Stabilization and
Conservation Service 02.05

AN005019 Evaluating
Productivity of the Soil
02.05

AN005022 Watershed Districts
and Other Organizations
Promoting Soil & Wtr.
02.05

AN005023 Soil Conservation
Service and Soil and Water
Conservation Dist. 02.05

AN005024 Managing Grassland
Soils 02.05

AN005025 Managing Soil for
Field Crops 02.05

AN005026 The Use of Soil
Maps 02.05

AN005027 Soil Testing
Methods and Procedures 02.05

AN005028 Using Soil Test
Results 02.05

AN005029 Soil Mapping Units
02.05

AN005030 Land Appraisal
02.05

AN005031 Managing Acid and
Alkaline Soils 02.05

AN005032 Managing Saline and
Sodic Soils 02.05

Renewable Natural
Resources

Conservation and Regulation
(03.02)

AN005022 Watershed Districts
and Other Org. Promoting
Soil & Water Consrva. 03.02

Forestry Production and
Processing (03.04)

AN004991 Teacher's Handbook-
-Harvesting Forestry
Products 03.04

AN004915 Forestry Employee
03.04

Wildlife Management (03.06)

AN004933 Economic &
Aesthetic Values of and
Environmental Factors
Affecting Wildlife 03.06

BUSINESS

Business and Management

Business and Management,
General (06.01)

AN000580 Business
Communications 06.01

AN000557 Practical Business
06.01

Banking and Finance (06.03)

AN001547 Banking and Savings
and Loan Competency Profile
06.03

AN001319 Banking and Savings
and Loan 06.03

Business Economics (06.05)

AN002041 Economics and
Marketing LAP 1: ECONOMICS
AND YOU 06.05

AN002207 Economics and
Marketing LAP 16:
GOVERNMENT AND BUSINESS
06.05

AN002208 Economics and
Marketing LAP 17: BUSINESS
AND SOCIETY 06.05

AN002209 Economics and
Marketing LAP 18: CHANNELS
OF DISTRIBUTION 06.05

AN002210 Economics and
Marketing LAP 19: GROSS
NATIONAL PRODUCT 06.05

AN002211 Economics and
Marketing LAP 20: BUSINESS
CYCLES 06.05

AN002212 Economics and
Marketing LAP 22: LABOR
UNIONS 06.05

AN002213 Economics and
Marketing LAP 21:
SPECIALIZATION OF LABOR
06.05

AN002214 Economics and
Marketing LAP 23:
COLLECTIVE BARGAINING
06.05

AN002215 Economics and
Marketing LAP 24:
INTERNATIONAL TRADE
06.05

AN002216 Economics and
Marketing LAP 15: PRIVATE
ENTERPRISE 06.05

AN002217 Economics and
Marketing LAP 14:
PROMOTIONAL MIX 06.05

AN002218 Economics and
Marketing LAP 13: MARKETING
STRATEGIES 06.05

AN002219 Economics and
Marketing LAP 12: MARKET
IDENTIFICATION 06.05

AN002220 Economics and
Marketing LAP 11:
COMPETITION 06.05

AN002221 Economics and
Marketing LAP 10: SUPPLY AND
DEMAND 06.05

AN002222 Economics and
Marketing LAP 9: MARKET
PRICE 06.05

AN002223 Economics and
Marketing LAP 8: BUSINESS
RISKS 06.05

AN002224 Economics and
Marketing LAP 7: PROFITING
FROM PROFITS 06.05

AN002225 Economics and
Marketing LAP 6: MARKETING
FUNCTIONS 06.05

AN002226 Economics and
Marketing LAP 5: The "WHAT"
AND "WHY" OF MARKETING 06.05

AN002227 Economics and
Marketing LAP 4: ECONOMIC
RESOURCES 06.05

AN002228 Economics and
Marketing LAP 3: PRODUCT
UTILITY 06.05

AN002229 Economics and
Marketing LAP 2: ECONOMICS
GOODS AND SERVICES 06.05

Human Resources Development
(06.06)

AN000555 Job Application and
Interview 06.06

Organizational Behavior
(06.15)

AN002262 Human Relations LAP
20: INTEREST AND ENTHUSIASM
06.15

AN002261 Human Relations LAP
19: HONESTY AND INTEGRITY
06.15

AN002260 Human Relations LAP
18: SELF-CONTROL 06.15

AN002259 Human Relations LAP
17: EMPATHY 06.15

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Mechanics and Repairers
(47.06)

- AN004871 Basic Principles of a Four-Cycle and Two-Cycle Internal Com. Eng. 47.06
- AN004800 Automotive Air Conditioning Mechanic. Competency Profile 47.06
- AN004799 Brake & Wheel Alignment Mechanic. Competency Profile 47.06
- AN004797 Motorcycle Mechanic. Competency Profile 47.06
- AN004767 Automotive Air Conditioning Mechanic 47.06
- AN004740 Motorcycle Mechanic 47.06
- AN004737 Automobile Body Repairer 47.06
- AN004736 Diesel Mechanic 47.06
- AN004729 Brake and Wheel Alignment Mechanic 47.06
- AN004698 Small Engine Repair: Two-Stroke and Four-Stroke Cycle 47.06
- AN004697 Chain Saw Repair. Second Ed., Small Engine Repair Series 47.06
- AN003815 Automotive Computer Units 47.06
- AN003589 Auto Mechanics Curriculum Guide 47.06
- AN002848 Auto Body Repair: Instructor's Manual, Perishables, Supplementals 47.06
- AN002847 Auto Body Repair: Locks, Power Windows, Grill, Headlamp, Estimate 47.06
- AN002846 Auto Body Repair: Trim, Seats, and Accessories 47.06
- AN002845 Auto Body Repair: Glass 47.06
- AN002844 Auto Body Repair: Frames and Bumpers 47.06
- AN002843 Auto Body Repair: Fiber Glass and Body Parts 47.06
- AN002842 Auto Body Repair: Metalwork 47.06
- AN002841 Auto Body Repair: Paint Finishes 47.06
- AN002840 Auto Body Repair: Spray Painting 47.06
- AN002839 Auto Body Repair: Surface Preparation 47.06
- AN002838 Auto Body Repair: Masking and Painting 47.06
- AN002837 Auto Body Repair: Preparation 47.06
- AN002836 Auto Body Repair: Welding 47.06
- AN002478 Automotive Mechanics 47.06
- AN002451 Starting System-- Sm. Engine Repair Audiovisual Service, First Edition 47.06
- AN002441 Power Trains 47.06
- AN002429 Lubrication System-- Sm. Engine Repair Audiovisual Series. First Edition 47.06

AN002391 Auto Body Course of Study 47.06

AN002390 Auto Mechanics Course of Study 47.06

AN001606 Comprehensive Small Engine Repair Competency Profile 47.06 02

AN0016 Diesel Engine Mechanics Competency Profile 47.06

AN001557 Auto Mechanics, Emission Control, and Exhaust-Driven Turbocharger 47.06

AN001556 Auto Body Competency Profile 47.06

AN001312 Auto Mechanics I 47.06

AN001293 Auto Body 47.06

AN001311 In-Depth Specialized Automotive Units 47.06

AN001292 Auto Mechanics II 47.06

AN001095 Diesel Mechanics: Electrical Systems 47.06

AN001093 Diesel Mechanics: Fundamentals 47.06

AN001092 Diesel Mechanics: Fuel Systems 47.06

AN000468 Magneto System. Small Engine Repair Audiovisual Series. First Edition 47.06

AN000458 Motorcycle Repair 47.06

AN000457 Snowmobile Repair 47.06

AN000456 Outboard Repair. Second Ed. Small Engine Repair Service 47.06

AN000435 Lawn and Garden Equipment Repair 47.06

AN000269 Aircraft Environmental Systems Mechanic 3ABR42331 47.06

Precision
Production

Drafting (48.01)

AN004920 Mechanical Drawings
and Drawing Equipment
48.01

AN004766 Mechanical Drafter
48.01

AN004759 Architectural
Drafter 48.01

AN004725 Drafting. Visual
Communications Technology
Series 48.01

AN003805 Industrial
Electricity: Motors
48.01

AN003804 Industrial
Electricity: In-Plant
Distribution 48.01

AN003597 Architectural
Drafting Curriculum Guide
48.01

AN003590 Mechanical Drafting
Curriculum Guide 48.01

AN002450 Light Commercial
Drafting 48.01

AN002449 Pipe Drafting
48.01

AN002448 Electronic Drafting
48.01

AN001607 Basic Drafting
Competency Profile 48.01

AN001522 Drafting: Basic
Student Tests 48.01

AN001521 Drafting: Advanced
Student Tests 48.01

AN001519 Drafting: Advanced-
Instructor Guide Checkpoints
Information 48.01

AN001110 Vocational
Education Competency Test-
Item Bank; Technical
Drafting 48.01

AN000446 Mechanical Drafting
48.01

AN000445 Basic Drafting:
Book One 48.01

AN000444 Basic Drafting:
Book Two 48.01

Graphic and Printing
Communications (48.02)

AN004769 Commercial Artist
48.02

AN004730 Graphic Arts.
Visual Communications
Technology Series 48.02

AN003601 Commercial Art
Curriculum Guide 48.02

AN003599 Graphic Arts
Curriculum Guide 48.02

AN003560 Commercial
Photography Curriculum Guide
48.02

AN001603 Graphic Arts
Competency Profile 48.02

AN000440 Graphic Arts: Book
One 48.02

AN000439 Graphic Arts: Book
Two 48.02

AN000438 Graphic Arts: Book
Three 48.02

Leatherworking and Upholstering (48.03)

AN004802 Automobile Upholsterer. Competency Profile 48.03

Precision Food Production (48.04)

AN004796 Meatcutter. Competency Profile 48.04

Precision Metal Work (48.05)

AN005060 Farm Arc Welding Procedures 48.05

AN005039 Advanced Oxyacetylene Welding and Brazing 48.05

AN004984 Identifying Common Kinds of Metals and Cutting Metal 48.05

AN004983 Bending and Shaping Metal 48.05

AN004967 Arc Welding--Electrodes 48.05

AN004966 Arc Welding--Weld Joints, Out of Position Welding 48.05

AN004965 Arc Welding--Basic Steps 48.05

AN004964 Arc Welding--Introduction and Fundamentals 48.05

AN004963 Oxyacetylene Welding and Cutting 48.05

AN004962 Power Hacksaw and Metal Bandsaw 48.05

AN004961 Grinder 48.05

AN004955 Drill Press 48.05

AN004862 Heating, Bending, Hardening, Tempering Using an Oxyacetylene Torch 48.05

AN004855 Fasteners for Cold Metal Work 48.05

AN004854 Soldering Procedures, Equipment, and Materials 48.05

AN004848 Gas Tungsten Arc Welding and Gas Metal Arc Welding 48.05

AN004764 Sheet Metal Worker 48.05

AN004763 Machinist 48.05

AN004031 General Metal Trades, Milling Machine Operator 48.05

AN004387 CNC Turning Technician 48.05

AN004031 General Metal Trades, Milling Machine Operator 48.05

AN004030 General Metal Trades, Lathe Operator 48.05

AN0049 General Metal Trades, Drill Press Operator 48.05

AN004028 General Metal Trades--Welder's Helper 48.05

AN004008 General Metal
Trades, Book IV-Welding
48.05

AN004007 General Metal
Trades Book III--Sheet
Metal, Benchwork, Ornamental
Iron 48.05

AN004006 General Metal
Trades Book II: Machine
Tools 48.05

AN004005 General Metal
Trades Book I: Introduction
48.05

AN003997 Machine Shop Lathes
48.05

AN003811 Machine Shop:
Grinding Machines 48.05

AN003603 Welding Curriculum
Guide 48.05

AN003594 Machine Trades
Curriculum Guide 48.05

AN003571 Introduction to
Welding 48.05

AN003570 Shielded Metal Arc
Welding 48.05

AN003569 Gas Metal Arc
Welding and Flux--Cored Arc
Welding 48.05

AN003525 Gas Tungsten Arc
Welding 48.05

AN002:24 Machine Shop Lathes
48.05

AN002490 Air-Conditioning I:
Brazing Joints 48.05

AN002489 Air-Conditioning I:
Soft Soldering 48.05

AN002442 Advanced Sheet
Metal Layout and Fabrication
48.05

AN002440 General Metal
Trades Book IV: Welding
48.05

AN002439 General Metal
Trades Book II: Machine
Tools 48.05

AN002438 General Metal
trades Book I: Introduction
48.05

AN002428 General Metal
Trades Book III--Sheet
Metal, Benchwork, Ornamental
Iron 48.05

AN002232 Basic Sheet Metal
Layout and Fabrication
48.05

AN002231 Sheet Metal Basics
48.05

AN002230 Architectural Sheet
Metal 48.05

AN000111 Machine Shop Volume
I. Revised 48.05 02

Precision Work, Assorted
Materials (48.06)

AN004785 Optician.
Competency Profile 48.06

Woodworking (48.07)

AN004960 Portable Electric
Saws-Circular Saw and Sabre
Saw 48.07

AN004957 Bench or Circular
Saw 48.07

Transportation and Material
Moving

Vehicle and Equipment
Operation (49.02)

AN001885 Heavy Equipment
Operator Basic Core
49.02

NONOCCUPATIONALLY SPECIFIC SKILLS
AND KNOWLEDGE: VERIFIED
MEASURES IN THE VOCATIONAL
EDUCATION CURRICULUM MATERIALS (VECM)
DATABASE

PERSONAL AND SOCIAL
DEVELOPMENT

Basic Skills

Basic Skills (32.01)

Title of material: Performance Skills That Are Important in a
Variety of Occupations

Developer: Norwich Board of Education, Connecticut

Educational level: 9-10, 11-12

Target population: Regular

Availability: Sale

Center code: NE 32.01

Title of material: Program for Assessing Youth Employment Skills.
Booklet III

Developer: Educational Testing Service

Educational level: 9-10, 11-12

Target population: Disadvantaged

Availability: Sale

Center code: NE 32.01

NONOCCUPATIONALLY SPECIFIC SKILLS
AND KNOWLEDGE: OTHER
MEASURES IN THE VOCATIONAL
EDUCATION CURRICULUM MATERIALS (VECM)
DATABASE

(This section lists
curriculum materials that
have been field-tested/
validated and include
evaluation instruments.
These evaluation instruments
have not been examined by
project staff.)

PERSONAL AND SOCIAL
DEVELOPMENT

Basic Skills

Basic Skills (32.01)

AN000471 Job-Related
Information. Related
Instruction for Co-op Part-
Time 32.01

AN000472 Basic Life Skills.
Related Instruction for Co-
op Part-Time Training 32.01

AN000555 Job Application and
Interview 32.01

AN000569 Preparing a Resume
and Writing a Letter of
Application. First Edition
32.01

AN000593 The Job Interview
Process. First Edition
32.01

AN000597 Sources to Use When
Seeking Employment. First
Edition 32.01

AN001831 FFA Leadership and
Personal Development--
Working with Others
32.01

AN002243 Human Relations LAP
1: HUMAN RELATIONS: WHAT,
WHY, HOW 32.01

AN002244 Human Relations LAP
2: SELF-UNDERSTANDING
32.01

AN002245 Human Relations LAP
3: USING FEEDBACK FOR
PERSONAL GROWTH 32.01

AN002246 Human Relations LAP
4: ORDERLY AND SYSTEMATIC
BEHAVIOR 32.01

AN002247 Human Relations LAP
5: ACTING RESPONSIBLY
32.01

AN002248 Human Relations LAP
6: GOAL SETTING I 32.01

AN002249 Human Relations LAP
7: GOAL SETTING II
32.01

AN002250 Human Relations LAP
8: ADJUSTING TO CHANGE
32.01

AN002251 Human Relations LAP
9: POSITIVE WORKING
RELATIONSHIPS 32.01

AN002252 Human Relations LAP
10: PERSONAL TRAITS
32.01

AN002253 Human Relations LAP
11: POSITIVE ATTITUDE
32.01

AN002254 Human Relations LAP
12: SELF-ESTEEM 32.01

AN002255 Human Relations LAP
13: PERSONAL APPEARANCE
32.01

AN002256 Human Relations LAP
14: INITIATIVE 32.01

AN002257 Human Relations LAP
15: CREATIVITY 32.01

AN002258 Human Relations LAP
16: ASSERTIVENESS 32.01

AN002259 Human Relations LAP
17: EMPATHY 32.01

AN002260 Human Relations LAP
18: SELF-CONTROL 32.01

AN002261 Human Relations LAP
19: HONESTY AND INTEGRITY
32.01

AN002262 Human Relations LAP
20: INTEREST AND ENTHUSIASM
32.01

AN002783 Air-Conditioning
II: Applying for a Job
32.01

AN003293 Child Care Worker:
Job Seeking 32.01

AN003382 Gardening
Groundskeeping
(Disadvantaged-Handicapped):
Exploring 32.01

AN003406 Food Preparation 1:
Employment 32.01

AN003458 Employability
Skills: Instructor
Materials 32.01

AN003459 Employability
Skills: Taking Advantage of
Equal Opportunity 32.01

AN003460 Employability
Skills: Types of Business
32.01

AN003461 Employability
Skills: Economic System
32.01

AN003462 Employability
Skills: Safety 32.01

AN003463 Employability
Skills: Using the Telephone
32.01

AN003464 Employability
Skills: Good Work Habits
32.01

AN003465 Employability
Skills: Work Attitudes
32.01

AN003466 Employability
Skills: On the Job
32.01

AN003467 Employability
Skills: Job Interview
32.01

AN003468 Employability
Skills: Job Application
32.01

AN003469 Employability
Skills: Job Preparation
32.01

AN003483 Home Furnishings 1:
Employment 32.01

AN003993 Modified
Cooperative Occupational
Education 32.01

AN004091 Modified
Cooperative Occupational
Education 32.01

AN004773 Communication
Skills: A Guide for
Cosmetology 32.01

Interpersonal Skills

Interpersonal (35.01)

AN003311 Adult Living:
Interpersonal Relationships
35.01

AN003814 VICA: Learn, Grow,
Become 35.01

Personal Awareness

Personal Awareness (37.01)

AN000469 Personal Development. Related Instruction for Coop Part-time Train 37.01

AN002243 Human Relations LAP
1: HUMAN RELATIONS: WHAT, WHY, HOW 37.01

AN002244 Human Relations LAP
2: SELF-UNDERSTANDING 37.01

AN002245 Human Relations LAP
3: USING FEEDBACK FOR PERSONAL GROWTH 37.01

AN002246 Human Relations LAP
4: ORDERLY AND SYSTEMATIC BEHAVIOR 37.01

AN002247 Human Relations LAP
5: ACTING RESPONSIBLY 37.01

AN002248 Human Relations LAP
6: GOAL SETTING I 37.01

AN002249 Human Relations LAP
7: GOAL SETTING II 37.01

AN002250 Human Relations LAP
8: ADJUSTING TO CHANGE 37.01

AN002251 Human Relations LAP
9: POSITIVE WORKING RELATIONSHIPS 37.01

AN002252 Human Relations LAP
10: PERSONAL TRAITS 37.01

AN002253 Human Relations LAP
11: POSITIVE ATTITUDE 37.01

AN002254 Human Relations LAP
12: SELF-ESTEEM 37.01

AN002255 Human Relations LAP
13: PERSONAL APPEARANCE 37.01

AN002256 Human Relations LAP
14: INITIATIVE 37.01

AN002257 Human Relations LAP
15: CREATIVITY 37.01

AN002258 Human Relations LAP
16: ASSERTIVENESS 37.01

AN002259 Human Relations LAP
17: EMPATHY 37.01

AN002260 Human Relations LAP
18: SELF-CONTROL 37.01

AN002261 Human Relations LAP
19: HONESTY AND INTEGRITY 37.01

AN002262 Human Relations LAP
20: INTEREST AND ENTHUSIASM 37.01

AN003319 Adult Living: Goals and Values 37.01

APPENDIX 1

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Wildlife Management (03.06)
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Woodworking (48.07) pp. 34, 95

APPENDIX 2:
EXAMPLES OF VECM DOCUMENTS

AN 003452.
 TI Practical Nurse: Respiratory Procedures
 YR 1980.
 SA Kentucky Department of Education
 Capital Plaza Tower.
 Frankfort, KY 40601.
 ST Kentucky.
 DV Division of Support Services, Office of Vocational Education.
 2024 Capital Plaza Tower.
 Frankfort, KY 40601.
 SM Health.
 Allied Health.
 Nursing-Related-Services.
 Practical-Nursing.
 EL 11-12; 13-14; Adult.
 IU Student; Teacher.
 SP Regular.
 PM Teaching Guide; Evaluation Material; Learning Module;
 Competency-based; Task Analysis; Criterion Referenced Evaluation;
 Behavioral Objectives; Individualized, self paced;
 Field-tested/Validated; Illustrated.
 FO 49 pp.
 DN PN-102 Providing for Respiratory Clearance; Module 3-449. PN-103
 Suctioning the Respiratory Passage; Module 3-450. PN-104
 Instructing and Assisting with Breathing Exercises; Module 3-451.
 PN-105 Caring for the Tracheostomy; Module 3-452. PN-106 Inserting
 an Oral Airway; Module 3-453. Part of a series for Practical Nurse.
 Not self-contained; reference is made to other materials.
 CI These materials are not copyrighted. However, Kentucky should be
 given a "line of credit" if these materials are reprinted in another
 format. Kentucky should be sent written confirmation that this has
 been done.
 AV Loan 4 weeks (sample for review); Sale \$10.00 Module; \$10.00
 Instructor's manual for entire series.
 Division of Support Services, Office of Vocational Education.
 2024 Capital Plaza Tower.
 Frankfort, KY 40601.
 (502) 564-2890.

AN 004978.
 TI Selecting Beef Cattle.
 YR 1985
 SA Texas Education Agency.
 201 East 11th Street.
 Austin, TX 78701.
 ST Texas.
 DV Vocational Instructional Services, Texas A & M University.
 FE Box 182.
 College Station, TX 77843-2588.
 SM Agriculture.
 Agricultural-Sciences. Agribusiness-Agricultural-Production.
 Animal-Sciences. Agricultural-Production.
 Animal-Sciences-General. Animal-Production.
 EL 9-10; 11-12; 13-14; Adult.
 IU Student.
 SP Regular.
 PM Reference Material; Evaluation Material; Competency-based;
 Field-tested/Validated; Illustrated.
 FO 12 pp.
 DN Catalog Order No. 8005. Includes information on the various
 factors considered and various methods of selecting beef cattle.
 For teacher's key, order number 4901.
 CI All rights reserved.
 AV Sale Contact for Price.
 Vocational Instructional Services, Texas A & M University.
 FE Box 182.
 College Station, TX 77843-2588.
 (409) 845-6601.

AN 004762.
TI Carpenter I.
YR 1982.
SA Texas Education Agency.
201 East 11th.
Austin, TX 78701.
ST Texas.
DV Extension Instruction and Materials Center, University of Texas at
Austin.
PO Box 7218.
Austin, TX 78713-7218
Grimes, L. A. Jr.
SM Trade-Industrial.
Construction-Trades.
Carpentry.
Carpentry.
EL 11-12; 13-14; Adult.
IU Student; Teacher.
SP Regular.
PM Teaching Guide; Textbook; Evaluation Material; Learning Module;
Workbook; Competency-based; Criterion Referenced Evaluation;
Behavioral Objectives; Individualized, self paced;
Field-tested/Validated; Illustrated
FO 230 pp.
DN A large, well-illustrated, self-contained book that starts carpentry
students off. Covers careers, house planning, carpentry
mathematics, safety, working drawings, building materials, hand
tools, fasteners and hardware, portable power tools, and stationary
power tools.
CI Copyrighted, write for permission.
AV Sale Contact for Price.
Extension Instruction and Materials Center, The University of Texas
at Austin.
PO Box 7218.
Austin, TX 78713-7218.
(512) 471-7716.

AN 004004.
TI Formatting Business Reports. First Edition.
YR 1983.
SA Texas Education Agency.
201 East 11th Street.
Austin, TX 78701.
ST Texas.
DV Occupational Curriculum Laboratory.
East Texas State University.
Commerce, TX 75428.
Johnson, Diane.
SM Business.
Business-Office.
Typing-General-Office-Related-Programs. Secretarial-Related-
Programs.
Typing-Secretarial-Related-Programs-Other.
EL 11-12; 13-14; Adult; Higher Education.
IU Student; Teacher; Teacher Educator.
SP Regular.
PM Curriculum Guide; Teaching Guide; Reference Material; Evaluation
Material; Learning Module; Bibliography; Individualized, self paced;
Programmed Instruction; Field-tested/Validated; Illustrated.
NM Audiocassette; 45 Min.; Cassette; Slides; 80 Frames; Color.
DN Focuses on formal business reports, memorandum reports, and minutes
of meetings. Gives formats used in business rather than the
traditional classroom. Based on a research study by Fortune 500
companies.
CI May be copied with written permission from the Occupational
Curriculum Laboratory.
AV Loan 4 weeks approval; Sale Contact for prices.
Occupational Curriculum Laboratory.
East Texas State University.
Commerce, TX 75428.
(214) 886-5623.

BEST COPY AVAILABLE

APPENDIX 3:
ERIC SEARCH STRATEGY

The following descriptors were used to search ERIC to identify occupationally specific performance measures. The following searches were conducted on April 22, 1985:

Search 1--National surveys or occupational surveys or occupational tests or performance tests or work sample tests or outplacement services (employment) or DT=160 (tests, evaluation instruments)

Number identified = 12,852

Search 2--same as Search 1

AND

Publication year 1975 to present (1985)

Number identified = 9,654

Search 3--(The following are all specific occupational descriptors): agribusiness/DE* or agricultural machinery occupations or agricultural occupations or agricultural production or agricultural supplies or agricultural technicians or aircraft pilots or allied health occupations or allied health personnel or animal caretakers or animal husbandry or appliance repairers or apprenticeships/DE or assembly (manufacturing) or attendants/DE or auto body repair or auto mechanics or aviation mechanics or bakery industry or banking/DE or blue collar occupations or bookkeeping/DE or bricklaying/DE or building trades or business skills or cabinetmaking/DE or carpentry/DE or chemical technicians or child care occupations or clerical/DE or cooks/DE or cooperative education or cosmetology/DE or court reporters or crop processing occupations or custodian training or data processing occupations or dental assistants or dental hygienists or dental technicians or electrical occupations or electronic technicians or emergency medical technicians or emergency squad personnel or engineering technicians or entry workers or environmental technicians or fashion industry or file clerks or finance occupations or floorlayers or floriculture or fluid mechanics or food and drug

inspectors or food processing occupations or food service or forestry aides or forestry occupations or glaziers/DE or groundskeepers or home health aides or home economics skills or hospitality occupations or household occupations or household workers or immigration inspectors or inhalation therapists or instrumentation technicians or insurance occupations or laundry/drycleaning occupations or legal assistants or librarians/DE or library technicians or locomotive engineers or machine repairers or machine tool operators or machinists/DE or managerial occupations or manufacturing/DE or marine technicians or masonry/DE or mechanical design technicians or medical assistants or medical laboratory assistants or medical record administrators or medical technologists or metal working or metallurgical technicians or needle trades or nuclear power plant technicians or nurse practitioners or nurses aides or nursery workers (horticulture) or off-farm agricultural occupations or office occupations or ornamental horticulture occupations or physical therapists or physicians assistants or plumbing/DE or public service occupations or radiographers/DE or real estate occupations or refrigeration mechanics or roofing/DE or sales occupations or security personnel or semiskilled occupations or semiskilled workers or service occupations or shop curriculum or shorthand/DE or skilled occupations or surgical technician or technical occupations or television radio repairers or turf management or typewriting/DE or veterinary assistants or watchmakers/DE or welding/DE or woodworking/DE

*DE denotes a one word descriptor or picks up the word (i.e., manufacturing) in any descriptor

Number identified = 17,927

Search 4--same as Search 3

AND

Major (i.e., studies in which the above terms were major descriptors)

Number identified = 11,166

Search 5--same as Search 4

AND

national surveys or occupational surveys or occupational surveys or occupational tests or performance tests or work sample tests or outplacement services (employment) or DT=160 (tests, evaluation instruments)

AND

Publication year 1975 to present (1985)

Number identified = 455

Search 6--secondary education or high schools or postsecondary education or two-year colleges or higher education or adolescents/DE or adults/DE

Number identified = 165,505

Search 7--same as Search 6

AND

The 11,166 studies in which specific occupational descriptors were major descriptors

AND

national surveys or occupational surveys or occupational tests or performance tests or work sample tests or outplacement services (employment) or DT=160 (document tests)

AND

Publication year 1975 to present (1985)

Number identified = 284

Search 8--Occupational tests

AND

Publication year 1975 to present (1985)

secondary education or high schools or postsecondary education or two-year colleges or higher education or adolescents/DE or adults/DE

AND

The 11,166 studies in which specific occupational descriptors were major descriptors

Number identified = 20

Number reviewed = 20

Search 9--Performance tests

AND

Publication year (1975 to present)

AND

secondary education or high schools or postsecondary education or two year colleges or higher education or adolescents/DE or adults/DE

AND

The 11,166 studies in which specific occupational descriptors were major descriptors

Number identified = 54
Number reviewed = 54

Search 10--Work sample tests

AND

Publication year (1975 to present)

AND

secondary education or high schools or postsecondary
education or two year colleges or higher education or
adolescents/DE or adults/DE

AND

The 11,166 studies in which specific occupational
descriptors were major descriptors

Number identified = 12
Number reviewed = 12

Search 11--All studies identified in Search 7, excluding
duplications in Searches 8, 9, and 10

Number identified = 211
Number reviewed = 211

The following descriptors were used to search ERIC in order to
identify nonoccupationally specific performance measures:

Search 12--employment interviews or employment potential or
employee attitudes or job skills

Number identified = 6,652

Search 13--same as Search 12

AND

Major (i.e., studies in which the above terms were major descriptors)

Number identified = 3,462

Search 14--The 3,462 studies in which the nonoccupationally specific descriptors were major descriptors same as Search 13

AND

secondary education or high schools or postsecondary education or two-year colleges or higher education or adolescents/DE or adults/DE

AND

National surveys or occupational surveys or occupational tests or performance tests or work sample tests or outplacement services (employment) or DT=160 (document tests)

Number identified = 128

Search 15--All studies identified in Search 14, excluding duplications from Searches 8, 9, 10, and 11

Number identified = 100

Number reviewed = 100

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