

DOCUMENT RESUME

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TH 004 447

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ABSTRACT

The information reported in this directory was compiled from a review of documents from state educational and employment service agencies, occupational curriculum laboratories and research coordinating units, branches of the armed forces, selected private research and development agencies, and other organizations. Task inventories resulting from research and analysis efforts of university graduate research departments, federal agencies, and industry are not reported in this volume of the directory, but will, as received by Task Inventory Exchange, be included in volume 2. To be listed in this directory, the tasks were not required to meet any rigid definition of a task. The numerous documents reviewed identified activities of a job. Some activities were stated at a very general level, representative of broad duties or functions. Others cited extensive lists of component knowledges and skills. Inventories which were known to be in existence but not available to requesters, were excluded from this directory. Task inventories are of value to curriculum developers, training directors, researchers, personnel officers, industrial engineers, and vocational teachers and administrators. They are used for many purposes including identification of relevant training content, selection of appropriate training programs and methods, development of critical learning objectives in occupational preparation programs, development of tests for job skills, and setting standards for equal opportunities employment programs. (Author/BJG)

ED106332

DIRECTORY OF TASK INVENTORIES

VOLUME 1, 1974

U.S. DEPARTMENT OF HEALTH,  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

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The Center for Vocational Education  
The Ohio State University  
Columbus, Ohio 43210

Tm 004 447

## MISSION OF THE CENTER

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

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

### ADDITIONAL INFORMATION

page 3, TI 0004	Also Available:	ED 065 680
page 4, TI 0005	Also Available:	ED 078 128

### ERRATUM

page 21, TI 0050 "TIE Price: MF \$0.65 PC \$4.55  
Also Available:" should read  
"NOT AVAILABLE FROM TIE - WRITE:"

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

## PREFACE

The history of task analysis in this country goes back to 1898 when Frederick Taylor first studied coal shoveling in Bethlehem Steel. Since that time many managers, methods study specialists, researchers, trainers, and educators have identified and listed specific job elements, operations, tasks, functions, and job units in many occupations. These listings have found an increasingly meaningful array of uses in a wide range of organizations. Yet, the existence of many of these inventories is not known beyond their immediate origins or environs. Their use is therefore, limited and restricted, a situation which leads to duplication of effort with regard to developing and revising task inventories.

Against this backdrop, the Task Inventory Exchange (TIE) at the Center for Vocational Education is collecting task inventories and is making them accessible through the publication of a Directory of Task Inventories, Volume I, 1974, Volume 2, 1975 (December), and the provision of user services as described in the Directory.

Acknowledgement is due Harry Ammerman, Kathrine Odom, and Deborah Cantan, all from the Center, whose work in the task inventory area provided the basic information on which this Directory is based.

The Center solicits your cooperation in furthering vocational, technical, and career education, and selection, training and evaluation in industry, business and government by making available to the Center task inventories and related materials in your possession.

We hope that this publication and the services of TIE will prove valuable to you in your particular endeavors.

January 1975  
Columbus, Ohio  
The Ohio State University  
The Center for Vocational Education

Robert E. Taylor  
Director

## TABLE OF CONTENTS

	Page
Preface . . . . .	ii
Introduction . . . . .	iv
How to Use This Directory . . . . .	vi
Sample Citation . . . . .	vii
How to Order Copies of Documents . . . . .	viii
Documents . . . . .	1
Job Titles/Occupational Areas Index . . . . .	31
Author Index . . . . .	39
USCE Subject Matter Code Index . . . . .	45

## INTRODUCTION

Task inventories are listings of activities performed by workers on their jobs. Though "task inventory" is the most common label for these lists, the terms functions, competencies, skills, activities, operations, duties, abilities, worker actions, job elements, and specialties are sometimes used.

Task inventories are of value to curriculum developers, training directors, researchers, personnel officers, industrial engineers and vocational teachers and administrators. They are used for many purposes including identification of relevant training content, selection of appropriate training programs and methods, development of critical learning objectives in occupational preparation programs, development of tests for job skills, and setting standards for equal opportunities employment programs.

Professional individuals and groups in many different agencies in education, agriculture, industry, business, and health have developed task inventories to assist them in a variety of employer activities such as training and performance evaluation. Increased accessibility to existing task inventories will have an impact on a wide variety of organizations. Such accessibility will greatly reduce repetitive efforts at developing inventories for the same tasks and maximize the efficient use of existing ones.

The information reported in this directory was compiled from a review of documents from state educational and employment service agencies, occupational curriculum laboratories and research coordinating units, branches of the armed forces, selected private R&D agencies, and other organizations. Task inventories resulting from research and analysis efforts of university graduate research departments, federal agencies, and industry are not reported in this Volume of the Directory, but will, as received by TIE, be included in Volume 2.

To be listed in this directory, the list of tasks were not required to meet any rigid definition of a task. The numerous documents reviewed identified activities of a job. Some activities were stated at a very general level, representative of broad duties or functions. Others cited extensive lists of component knowledges and skills.

Inventories which were known to be in existence but not available to requesters, were excluded from this directory.

The Directory lists the following information for each document cited:

Accession Number  
Title  
Author(s) - personal and corporate

Publication Date  
Number of Pages  
Sponsoring Agency  
Occupational Area or Job Title of Listed Tasks  
Number of Tasks  
U.S.O.E. Subject Matter Code Number  
Availability Information

Instructions for How To Use This Directory are found on page vi. A sample citation identifying the various pieces of information provided for each document is found on page vii.

Copies of documents announced in the Directory are available from TIE through a cost-recovery duplication service. Details of this service are described on page viii, How To Order Copies of Documents.

TIE solicits your assistance in adding to the existent collection of task inventories by 1) reporting to TIE the existence of task inventories and related information not identified in this volume of the Directory, and 2) forwarding two copies of new or updated inventories (for possible inclusion in subsequent volumes of the Directory) to:

Task Inventory Exchange  
The Center for Vocational Education  
The Ohio State University  
1960 Kenny Road  
Columbus, Ohio 43210

## How To Use This Directory

Start with the title of the job or the occupational area for which you need a task inventory. Look for this title in the alphabetically arranged Job Title/Occupational Area Index, page 31, where you will find the TI (accession) Number for the publication containing the task inventory related to the job title or occupational area and the page number on which the publication is cited.

The first part of each citation contains the TI Number; the title of the publication; the name of the author(s), both personal and corporate; the year of publication; the number of pages; sponsoring agency; and information on availability of copies. The second part of the citation lists the job titles or occupational areas for which task inventories are contained in the publication, the number of tasks identified in the publication for the job title, and the USOE Subject Matter Code number (if applicable). Verify to see if the job title of your interest appears in the list.

If you wish to order copies of the publication, look under TIE Price for the source of the publication (See How to Order Copies of Documents, page viii).

A personal and corporate Author Index, page 39, provides a quick reference for those who wish to determine if a particular author and/or institution/organization has task inventories listed in the directory.

A U.S.O.E. Subject Matter Code Index, page 44, provides a list of cited task inventories as they can be classified according to the Subject Matter Codes.

The sample on the following page shows a typical citation for documents and identifies the various pieces of information provided in each citation within the Directory.

SAMPLE CITATION

Accession Number  
sequentially assigned.

Organization  
where document  
originated.  
(Corporate author)

Publication date  
and number of  
pages.

Prices for complete  
copies of the docu-  
ment in microfiche  
(MF) or papercopy  
(PC) from the Task  
Inventory Exchange.

Occupational area or job  
title listed in the  
publication.

TI 0026

Drost, Jim L.

JOB CHARACTERISTICS OF AUTOMOTIVE MECHANICS IN SELECTED  
IOWA DEALERSHIPS AND GARAGES.

Iowa State Univ. of Science and Technology, Ames

1970; 33pp.

TIE Price: MF \$0.65 PC \$1.65  
Also Available: ED 051 382

Iowa State Dept. of Public Instruction, Des Moines.  
Div. of Vocational Education

Automotive Mechanics

199

17.03 02

Number of tasks listed  
for the specific occu-  
pational area or job  
title.

Author(s).

Title.

Other sources for  
obtaining the publi-  
cation and price.  
(See page viii, how  
to Order Copies of  
Documents)

Sponsoring Agency.

USOE Subject Matter  
Code No. for the  
occupational area or  
job title listed.

## How To Order Copies of Documents

Copies of documents listed in this Directory may be obtained in several different ways and formats. To determine where copies may be obtained, in what format, and at what cost, always look at the "TIE Price" line in the first part of each citation.

This line will show you if the document is available from TIE; in what format (MF = microfiche - PC = papercopy) and the price of each format. Documents having a TIE Price may be obtained directly from the TASK INVENTORY EXCHANGE by sending a purchase order or letter, stating the TI number(s) and what format(s) the copies are to be in, to:

Task Inventory Exchange  
The Center for Vocational Education  
The Ohio State University  
1960 Kenny Road  
Columbus, Ohio 43210

**\*\* Please note that papercopy reproductions of portions of any document available from TIE may be obtained at cost (Minimum charge, \$1.00). Write or call TIE for help in identifying the specific portions needed.\*\***

Documents showing "NOT AVAILABLE FROM TIE - WRITE:" on the TIE Price line indicate where one must write to obtain a copy of the document. Such documents are usually copyrighted and available for sale. If a price is known, it will be shown.

Some documents may be available from multiple sources including TIE. In such an instance an "Also Available" statement indicates the sources by name and address or refers to an information system accession number. The numbers listed are, ED for the Educational Resources Information Center (ERIC) system and AD, for the National Technical Information Service (NTIS) system. Copies of documents available from these two systems may be obtained from local collections or from national reproduction services listed below:

ERIC - ERIC Document Reproduction Service  
P.O. Box 190  
Arlington, Virginia 22210  
(703) 841-1212  
[Refer to a copy of Resources (formerly Research) In Education (RIE) and/or write for ordering instructions.]

NTIS - National Technical Information Service  
5285 Port Royal Road  
Springfield, Virginia 22151  
[Refer to a copy of Government Reports Index (GRI) or Government Reports Announcements (GRA) and/or write for ordering instructions.]

DOCUMENTS

TI 0001

TASK ANALYSIS INVENTORIES. A METHOD FOR COLLECTING JOB INFORMATION.

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

1973; 201pp.

TIE Price: MF \$0.65 PC \$10.30

Also Available: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 #2900-00163 (\$2.60)

Administrative & Management Occupations	43	14.08 00
Agriculture & Related Work	181	01.00 00
Air Transportation & Related Occupations	131	17.04 00
Architectural, Engineering & Related Occupations	70	16.01 00
Clerical & Related Occupations	62	14.00 00
Counseling, Guidance, Social Services & Related Work	127	1 32 21.
Fine Arts Occupations	54	02.02 00
Inspection, Testing, & Related Work	71	No Code
Mathematics, Physical Sciences & Related Work	71	No Code
Mechanical Repairing & Related Work	57	10.16 00
Medical & Health Services Occupations	62	07.00 00
Merchandising & Related Occupations	56	04.00 00
Motor Transportation & Related Work	70	04.19 00
Performing Arts Occupations	61	08.04 05
Photography, Communications	84	02.02 07
Physical Science Research	108	13.03 00
Pipeline Transportation & Related Work	136	17.32 02
Psychological Research	106	15.12 99
Public Utilities & Related Work	257	17.32 00
Railroad Transportation	172	04.19 00
Water Transportation	175	17.22 00
Writing, Editing, & Related Work	117	05.04 02

TI 0002

Long, Gilbert A.

CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURE PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.

Washington State Univ., Pullman, Dept. of Educ.

1968; 87pp.

TIE Price: MF \$0.65 PC \$4.35

Also Available: ED 021 067

Washington State Board for Vocat. Educ., Olympia

Dairy Production	127	}	01.01 00
Forest Products Production	86		
General Farming	130		
Grain Production	127		
Horticulture Production	131		
Livestock	131		
Poultry Production	105		

TI 0003

Morsh, Joseph E.; And Others

OCCUPATIONAL SURVEY OF VETERINARY CAREER LADDERS. (Technical Report PRL-TR-66-11)

Personnel Research Lab., Aerospace Medical Div., Lackland AFB, Tex.

1966; 611pp.

TIE Price: MF \$0.95 PC \$30.55

Also Available: AD 663 872

Apprentice Veterinary Specialist	}	256	01.01 01
Laboratory Animal Specialist			
Laboratory Animal Technician			
Veterinary Specialist			
Veterinary Superintendent			
Veterinary Technician			

TI 0004

Berkey, Arthur L.; Drake, William E.

USING TASK DATA FOR RECRUITMENT OF WORKERS IN ORNAMENTAL HORTICULTURE: REPORT OF A FIELD TEST.

State Univ. of New York, Ithaca. Coll. of Agriculture at Cornell Univ.

1972; 110pp.

TIE Price: MF \$0.65 PC \$5.55

Arborists Services	108	01.05 01
Farm and Garden Stores	88	04.09 00
Golf Courses (public and private)	62	01.05 06
Greenhouse Production	138	01.05 03
Landscape Services	144	01.05 04
Nursery Production	128	01.05 05
Retail Florists	84	04.05 00
Turf Production (sod farms)	108	01.05 06
Wholesale Florists	77	04.05 00

TI 0005

Borcher, Sidney D.; Leiter, Paul B.

AUTOMOTIVE MECHANICS OCCUPATIONAL PERFORMANCE SURVEY. INTERIM REPORT.

Ohio State Univ., Columbus. Center for Vocational and Technical Education  
1973; 53pp.

TIE Price: MF \$0.65 PC \$2.65

National Inst. of Education (DHEW), Washington, D.C.

Automotive Mechanics	373	17.03 02
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TJ 0006

Gosman, Minna L.; And Others

OCCUPATIONAL ANALYSIS OF TASKS PERFORMED IN A MEDICAL RECORD DEPARTMENT. INTERIM REPORT.

California Univ., Los Angeles. Div. of Vocational Education

1970; 90pp.

TIE Price: MF \$0.65 PC \$4.50

Also Available: ED 041 148

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

Accredited Record Technician	} 264	14.99 00
Clerk-Typist		14.03 02
Medical Records Clerk		14.04 99
Medical Secretary		14.07 02
Registered Record Librarian		14.99 00
Transcriber		14.07 00

TI 0007

Crawford, Lucy C.

A COMPETENCY PATTERN APPROACH TO CURRICULUM CONSTRUCTION IN DISTRIBUTIVE TEACHER EDUCATION. FINAL REPORT, VOLUME I.

Virginia Polytechnic Inst., Blacksburg

1967; 348pp.

contd.

TIE Price: MF \$0.65 PC \$17.40

Also Available: ED 032 383

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

Distributive Education Teacher-Coordinator	257	04.00 00
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TI 0008

Crawford, Lucy C.

A COMPETENCY PATTERN APPROACH TO CURRICULUM CONSTRUCTION IN DISTRIBUTIVE TEACHER EDUCATION. FINAL REPORT, VOLUME II.

Virginia Polytechnic Inst., Blacksburg

1967; 297pp.

TIE Price: MF \$0.65 PC \$14.85

Also Available: ED 032 384

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

Advertising Manager, Department Store	23	04.00 00 44
Assistant Buyer, Department Store	79	04.00 00 22
Assistant Credit Manager, Department Store	27	04.00 00 28
Assistant Display Manager, Department Store	26	04.00 00 54
Assistant Receiving Manager, Department Store	31	14.05 03
Assistant Store Manager, Variety Store	90	04.00 00 32
Buyer, Department Store	123	04.00 00 22
Checkout Cashier, Variety Store	30	14.01 03
Commissioned Salesperson, Variety Store	74	04.00 00 64
Credit Interviewer, Department Store	24	04.00 00 28
Credit Manager, Department Store	40	04.00 00 28
Department Manager, Department Store	86	04.00 00 32
Department Manager, Variety Store	83	04.00 00 32
Display Helper, Department Store	17	04.00 00 54
Display Manager, Department Store	21	04.00 00 54
Marker/Stockman, Variety Store	19	14.05 04
Office Clerk, Variety Store	28	14.03 03
Office Manager, Variety Store	42	14.08 05
Personnel Manager, Variety Store	65	04.00 00 31
Professional Salesperson (entry), Department Store	72	04.00 00 64
Professional Salesperson (1st step), Department Store	80	04.00 00 64
Professional Salesperson (2nd step), Department Store	58	04.00 00 64
Receiving Clerk, Department Store	20	14.05 03
Receiving Manager, Department Store	28	14.05 03
Salesperson (entry level), Variety Store	86	04.00 00 64
Section Manager, Variety Store	72	04.00 00 32

contd.

Service Desk, Variety Store	38	04.00 00 99
Stockperson, Department Store	43	14.05 04
Stockroom Supervisor, Variety Store	43	14.05 04
Store Manager, Variety Store	69	04.00 00 32

TI 0009

Crawford, Lucy C.

A COMPETENCY PATTERN APPROACH TO CURRICULUM CONSTRUCTION IN DISTRIBUTIVE TEACHER EDUCATION. FINAL REPORT, VOLUME III.

Virginia Polytechnic Inst., Blacksburg

1967; 317pp.

TIE Price: MF \$0.65 PC \$15.85

Also Available: ED 032 385

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

Assistant Store Manager, Food Store	80	04.06 00
Buyer, Wholesaling	30	04.00 00 18
Checker (Cashier), Food Store	61	14.01 03
Grocery Clerk, Food Store	93	04.06 00
Head Buyer/Merchandise Manager, Wholesaling	61	04.00 00 18
Head Cashier, Food Store	75	14.01 03
Head Grocery Clerk, Food Store	90	04.06 00
Head Produce Clerk, Food Store	84	17.29 00
Merchandiser, Wholesaling	48	04.00 00 29
Order Selector/Warehouseman, Wholesaling	40	14.05 04
Produce Clerk, Food Store	73	04.06 00
Receiving/Shipping Supervisor, Wholesaling	22	14.05 03
Route Salesman, Wholesaling	67	04.00 00 62
Salesman, Wholesaling	56	04.00 00 62
Sales Manager, Wholesaling	46	04.00 00 65
Service Station Assistant	67	17.03 00
Service Station Attendant	69	17.03 00
Service Station Dealer	104	17.03 00
Store Manager, Food Store	106	04.06 00
Vending Salesman/Supplier, Wholesaling	70	04.00 00 66
Warehouse Manager, Wholesaling	26	14.05 04

TI 0010

Crawford, Lucy C.

A COMPETENCY PATTERN APPROACH TO CURRICULUM CONSTRUCTION IN DISTRIBUTIVE TEACHER EDUCATION. FINAL REPORT, VOLUME IV.

Virginia Polytechnic Inst., Blacksburg

contd.

1967; 248pp.

TIE Price: MF \$0.65 PC \$12.40  
Also Available: ED 032 386

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

Assistant Manager, Hotel/Motel	59	04.11 00
Assistant Manager, Restaurant	69	04.07 00
Bell Captain, Hotel/Motel	45	04.11 00
Bellman/Porter, Hotel/Motel	47	04.11 00
Building Superintendent, Hotel/Motel	36	17.10 00
Busboy, Restaurant	34	17.29 99
Cashier, Hotel/Motel	28	14.01 03
Cashier, Restaurant	21	14.01 03
Catering Manager, Hotel/Motel	68	04.07 00
Counter Girl, Restaurant	48	04.07 00
Executive Assistant, Hotel/Motel	58	04.11 00
Executive Chef, Hotel/Motel	29	17.29 02
Executive Housekeeper, Hotel/Motel	66	17.11 00
Head Waiter, Restaurant	43	17.29 04
Hostess, Restaurant	49	04.07 00
Manager, Hotel/Motel	78	04.11 00
Manager, Restaurant	99	04.07 00
Night Manager, Hotel/Motel	38	04.11 00
Purchasing Agent, Hotel/Motel	41	04.00 00 29
Recreation Director, Hotel/Motel	37	08.04 00
Reservation Manager, Hotel/Motel	40	04.11 00
Room Clerk, Hotel/Motel	49	04.11 00
Sales Manager, Hotel/Motel	45	04.00 00 65
Superintendent (Service) Hotel/Motel	41	04.11 00
Waiter or Waitress, Restaurant	43	17.29 04

TI 0011

Henrich, Robert R.; And Others

A STUDY OF PURCHASING OCCUPATIONS IN HEALTH CARE FACILITIES. INTERIM REPORT.

California Univ., Los Angeles, Div. of Vocational Education

1970; 166pp.

TIE Price: MF \$0.65 PC \$8.30  
Also Available: ED 041 146

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

Accountant	9	} 03.00 00
Administrator	21	
Department Head	52	
Purchasing Agent	53	
Storekeeper	24	

TI 0012

Ertel, Kenneth A.

CLUSTERS OF TASKS PERFORMED BY MERCHANDISING EMPLOYEES WORKING IN THREE STANDARD CLASSIFICATIONS OF RETAIL ESTABLISHMENTS. FINAL REPORT, NO. 20.

Idaho State Board of Vocational Education, Boise.; Idaho Univ., Moscow. Coll. of Education.; Washington State Coordinating Council for Occupational Education, Olympia.; Washington State Univ., Pullman. Dept. of Education

1968; 71pp.

TIE Price: MF \$0.65 PC \$3.55

Also Available: ED 023 911

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

Retail Merchandising Non-Supervisory Personnel (Department Stores, Limited Price Variety Stores, and General Merchandise Stores)	225	04.00 00 64
Retail Merchandising Supervisory Personnel (Department Stores, Limited Price Variety Stores, and General Merchandise Stores)	195	04.00 00 65

TI 0013

Rahmlow, Harold F.; And Others

A SURVEY INSTRUMENT FOR IDENTIFYING CLUSTERS OF KNOWLEDGE AND COMPETENCIES ASSOCIATED WITH PERFORMANCE OF FOOD SERVICE WORK, REPORT NUMBER 9.

Washington State Univ., Pullman

1966; 20pp.

TIE Price: MF \$0.65 PC \$1.00

Also Available: ED 010 660

Washington State Board for Vocat. Educ., Olympia

Food Service	69	04.07 00
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TI 0014

PETROLEUM FUEL SERVICES CAREER LADDER, PETROLEUM FUELS 631X0A/63190. PRELIMINARY REPORT.

contd.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1969; 135pp.

TIE Price: MF \$0.65 PC \$6.75

Also Available: AD 689 148

Apprentice Fuel Specialist	}	268	04.16 00
Fuel Specialist			
Fuel Superintendent			
Fuel Supervisor			

TI 0015

CURRICULUM GUIDE FOR HEALTH OCCUPATIONS.

Oregon State Board of Education, Salem. Div. of Community Colleges and Career Education.

1969; 162pp.

NOT AVAILABLE FROM TIE - WRITE

The Oregon Board of Education, 942 Lancaster Drive, NE, Salem, OR 97310

Dental Assistant	73	07.01 01
Dental Hygienist	68	07.01 02
Dental Laboratory Technician	50	07.01 03
Inhalation Therapist	67	07.09 03
Licensed Practical Nurse	100	07.03 02
Medical Assistant	86	07.09 04
Medical-Laboratory Assistant	67	07.02 03
Nurse Aide	85	07.03 03
Nurse, General Duty	103	07.03 01
Occupational Therapy Aide	71	07.04 01

TI 0016

Drost, Jim L.

JOB CHARACTERISTICS OF AUTOMOTIVE MECHANICS IN SELECTED IOWA DEALERSHIPS AND GARAGES.

Iowa State Univ. of Science and Technology, Ames

1970; 33pp.

TIE Price: MF \$0.65 PC \$1.65

Also Available: ED 051 382

Iowa State Dept. of Public Instruction, Des Moines. Div. of Vocational Education

Automotive Mechanics	199	17.03 02
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TI 0017

Wood, Lucile A.

THE NURSING PROGRAM IN THE UCLA ALLIED HEALTH PROFESSIONS PROJECTS. SUMMARY REPORT.

California Univ., Los Angeles. Div. of Vocational Education

1970; 29pp.

TIE Price: MF \$0.65 PC \$1.45

Also Available: ED 041 151

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

Licensed Vocational Nurse/ Licensed Practical Nurse	}	184	07.03 02
Nurse's Aide			07.03 03
Registered Nurse			07.03 01

TI 0018

Goldsmith, Katherine L.; And Others

A STUDY OF NURSING OCCUPATIONS: REGISTERED NURSE, LICENSED VOCATIONAL/PRACTICAL NURSE, AND NURSING AIDE. INTERIM REPORT.

California Univ., Los Angeles. Div. of Vocational Education

1970; 127pp.

TIE Price: MF \$0.65 PC \$6.35

Also Available: ED 041 149

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

Licensed Vocational Nurse/ Licensed Practical Nurse	}	317	07.03 02
Nurse's Aide			07.03 03
Registered Nurse			07.03 01

TI 0019

Ward, Joseph S.; And Others

DEVELOPMENT AND EVALUATION OF AN INTEGRATED BASIC COMBAT/ADVANCED INDIVIDUAL TRAINING PROGRAM FOR MEDICAL CORPSMEN (MOS 91A10).

Human Resources Research Organization, Alexandria, VA.

contd.

1970; 95pp.

TIE Price: MF \$0.65 PC \$4.75  
Also Available: ED 041 227

Medical Corpsman, Field	83	07.09 07
Medical Corpsman, Hospital	115	07.03 02

TI 0020

Kishkunas, Louis J.

PITTSBURGH TECHNICAL HEALTH TRAINING INSTITUTE DEMONSTRATION PROJECT. FINAL REPORT, VOLUME II.

1967; 195pp.

TIE Price: MF \$0.65 PC \$9.75  
Also Available: ED 019 509

Pittsburgh Board of Public Education, Pa.

Licensed Practical Nurse	198	07.03 02
Nurse's Aide/Orderly	198	07.03 03
Surgical Technician	136	07.03 05

TI 0021

Freeland, Thomas E.

A STUDY OF THE OCCUPATION OF ELECTROENCEPHALOGRAPHIC TECHNICIAN. INTERIM REPORT.

California Univ., Los Angeles. Div. of Vocational Education

1970; 66pp.

TIE Price: MF \$0.65 PC \$3.30  
Also Available: ED 041 150

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

Electroencephalographic Technician	30	07.09 01
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TI 0022

Henrich, Robert R.

MEETING REPORT OF NATIONAL TECHNICAL ADVISORY COMMITTEE FOR PHARMACY; LOS ANGELES, CALIFORNIA (March 23-25, 1969).

contd.

1969; 59pp.

TIE Price: MF \$0.65 PC \$2.95  
Also Available: ED 030 754

Allied Health Professions Projects, Los Angeles, Calif. Div. of Vocational Education.; Office of Education (DHEW), Washington, D.C. Bureau of Research

Pharmacist	81	07.99 00
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TI 0023

Henrich, Robert R.; Goldsmith, Katherine L.

HOSPITAL PHARMACY TECHNICIAN PROJECT: DEVELOPMENT AND VALIDATION OF THE TASK INVENTORY. INTERIM REPORT.

California Univ., Los Angeles. Div. of Vocational Education

1970; 43pp.

TIE Price: MF \$0.65 PC \$2.15  
Also Available: ED 041 147

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

Hospital Pharmacy	58	07.99 00
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TI 0024

CHILD CARE AIDE.

Texas Tech. Univ., Lubbock. School of Home Economics

1969; 433pp.

TIE Price: MF \$0.65 PC \$21.65  
Also Available: ED 037 532

And: Home Economics Instructional Materials Center, P.O. Box 4067, Texas Tech University, Lubbock, TX 79409 (\$10.00, student edition \$6.50)

Texas Education Agency, Austin. Dept. of Vocational and Adult Education

Child Care Aide	55	09.02 01
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TI 0025

Rahmlow, Harold F.; Cavanagh, Catherine

contd.

A SURVEY INSTRUMENT FOR IDENTIFYING CLUSTERS OF KNOWLEDGE AND COMPETENCIES ASSOCIATED WITH PERFORMANCE OF CHILD CARE WORK. REPORT NUMBER 10.

Washington State Univ., Pullman

1966; 22pp.

TIE Price: MF \$0.65 PC \$1.10

Also Available: ED 010 661

Washington State Board for Vocat. Educ., Olympia

Child Care Work	142	09.02 01
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TI 0026

CLOTHING ASSISTANT.

Texas Tech. Univ., Lubbock. School of Home Economics

1969; 352pp.

TIE Price: MF \$0.65 PC \$17.60

Also Available: ED 037 531

And: Home Economics Instructional Materials Center, P.O. Box 4067, Texas Tech University, Lubbock, TX 79409 (\$10.00, student edition \$6.50)

Texas Education Agency, Austin. Dept. of Vocational and Adult Education

Clothing Assistant	19	09.02 02
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TI 0027

DIETITIAN AIDE.

Texas Tech. Univ., Lubbock. School of Home Economics

1969; 337pp.

TIE Price: MF \$0.65 PC \$16.85

Also Available: ED 037 527

And: Home Economics Instructional Materials Center, P.O. Box 4067, Texas Tech University, Lubbock, TX 79409 (\$10.00, student edition \$6.50)

Texas Education Agency, Austin. Dept. of Vocational and Adult Education

Dietitian Aide	32	09.02 03
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TI 0028

## FOOD SERVICE.

Texas Tech. Univ., Lubbock. School of Home Economics

1969; 401pp.

TIE Price: MF \$0.65 PC \$20.05

Also Available: ED 037 530

And: Home Economics Instructional Materials Center, P.O. Box  
4067, Texas Tech University, Lubbock, TX 79409 (\$10.00,  
student edition \$6.50)

Texas Education Agency, Austin. Dept. of Vocational and Adult Education

Food Service Employee	46	09.02 03
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TI 0029

## HOME FURNISHINGS AIDE.

Texas Tech. Univ., Lubbock. School of Home Economics

1969; 484pp.

TIE Price: MF \$0.80 PC \$24.20

Also Available: ED 037 533

And: Home Economics Instructional Materials Center, P.O. Box  
4067, Texas Tech University, Lubbock, TX 79409 (\$10.50  
student edition \$7.00)

Texas Education Agency, Austin. Dept. of Vocational and Adult Education

Home Furnishings Aide	41	09.02 04
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TI 0030

## HOUSEKEEPING MANAGEMENT ASSISTANT.

Texas Tech. Univ., Lubbock. School of Home Economics

1969; 273pp.

TIE Price: MF \$0.65 PC \$13.65

Also Available: ED 037 529

And: Home Economics Instructional Materials Center, P.O. Box  
4067, Texas Tech University, Lubbock, TX 79409 (\$9.00,  
student edition \$6.00)

Texas Education Agency, Austin. Dept. of Vocational and Adult Education

Housekeeping Management Assistant	40	09.02 05
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TI 0031

## DRAFTING COMPETENCIES.

Sanford Research Project, Sanford, North Carolina

1972; 14pp.

TIE Price: MF \$0.65 PC \$0.70

Also Available: Occupational Research, ATTN: Everette Bradley, Director,  
Sanford Central High School, 1708 Nash Street, Sanford,  
North Carolina 27330

Architectural Drafting	36	10.03 01
Mechanical Drafting	74	10.03 05

TI 0032

Perkins, Edward A., Jr.; Byrd, F. Ross

A RESEARCH MODEL FOR IDENTIFICATION OF TASK AND KNOWLEDGE CLUSTERS ASSOCIATED  
WITH PERFORMANCE OF MAJOR TYPES OF OFFICE EMPLOYEES' WORK. FINAL REPORT  
NUMBER 5.

Washington State Univ., Pullman

1966; 73pp.

TIE Price: MF \$0.65 PC \$3.65

Also Available: ED 010 656

Office Occupations	602	14.00 00
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TI 0033

Lanham, Frank W.; And Others

DEVELOPMENT OF TASK PERFORMANCE STATEMENTS FOR A NEW OFFICE AND BUSINESS EDUCA-  
TION LEARNINGS SYSTEM (NOBELS). FINAL REPORT.

Ohio State Univ., Columbus. Center for Vocational and Technical Education

1972; 375pp.

TIE Price: MF \$0.65 PC \$18.75

Also Available: ED 068 728

National Center for Educational Research and Development (DHEW/OE), Washington, D.C.

contd.

Accounting Clerk	}	373	03.00 00
Banking Office Worker			
Clerk Typist			
Data Processing Operator			
File Clerk			
General Clerk			
Mail Clerk and Messenger			
Material Support			
Medical Office Worker			
Office Machine Operator			
Public Contact Operator			
Stenographer and Secretary			
Telephone Operator and Receptionist			

TI 0034

AIRMEN SUPPLY SERVICES CAREER FIELD AFSCs 611X0/612X0. VOLUME I. PRELIMINARY REPORT.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1968; 237pp.

TIE Price: MF \$0.65 PC \$11.85  
Also Available: AD 691 350

Supply Services	725	14.05 00
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TI 0035

AIRMEN SUPPLY SERVICES CAREER FIELD AFSCs 611X0/612X0. VOLUME II. PRELIMINARY REPORT.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1968; 321pp.

TIE Price: MF \$0.65 PC \$16.10  
Also Available: AD 691 351

Supply Services	725	14.05 00
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TI 0036

Gragg, Donald B.

OCCUPATIONAL SURVEY OF THE NAVIGATOR-OBSERVER UTILIZATION FIELD 15XX.  
Volume I. (Technical Report PRL-TR-68-3)

Personnel Research Lab., Lackland AFB, Tex.

1968; 459pp.

TIE Price: MF \$0.65 PC \$22.95  
Also Available: AD 672 679

Navigator	460	17.04 02
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TI 0037

Morsh, Joseph E.; And Others

OCCUPATIONAL SURVEY OF THE MEDICAL MATERIAL CAREER LADDER 915X0. (Technical Report PRL-TR-67-9 1)

Personnel Research Lab., Lackland AFB, Tex.

1967; 1062pp.

TIE Price: MF \$1.70 PC \$53.10  
Also Available: AD 663 315/AD 663 316

Medical Materials	409	14.05 99
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TI 0038

Morsh, Joseph E.

IDENTIFICATION OF JOB TYPES IN THE PERSONNEL CAREER FIELD. (Technical Report PRL-TR-65-9)

Personnel Research Lab. (6570th) Aerospace Medical Div., Lackland AFB, Tex.

1965; 145pp.

TIE Price: MF \$0.65 HC \$7.25  
Also Available: AD 622 433

Personal Affairs Specialist Technician Personnel Management Personnel Specialist/Technician Personnel Systems Specialist/Analyst	}	260	14.06 00
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TI 0039

Morsh, Joseph E.; And Others

A JOB ANALYSIS OF A COMPLEX UTILIZATION FIELD: THE R & D MANAGEMENT OFFICER.  
(Technical Report PRL-TR-65-1)

Personnel Research Lab., Aerospace Medical Div., Lackland AFB, Tex.

1965; 66pp.

TIE Price: MF \$0.65 PC \$3.30

Also Available: AD 613 476

R & D Project Staff Officer	373	14.08 00
Foreign Technology Staff Officer	373	14.08 00

TI 0040

Button, Bernard R.; Morsh, Joseph E.

OCCUPATIONAL SURVEY OF THE MEDICAL ADMINISTRATIVE CAREER LADDER 906X0.  
VOLUME I. PART I.

Personnel Research Lab., Lackland AFB, Tex.

1968; 240pp.

TIE Price: MF \$0.65 PC \$12.00

Also Available: AD 691 156

Medical Administration	435	14.08 00
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TI 0041

Button, Bernard R.; Morsh, Joseph E.

OCCUPATIONAL SURVEY OF THE MEDICAL ADMINISTRATIVE CAREER LADDER 906X0 VOLUME I.  
PART II.

Personnel Research Lab., Lackland AFB, Tex.

1968; 248pp.

TIE Price: MF \$0.65 PC \$12.40

Also Available: AD 691 157

Medical Administration	435	14.08 00
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TI 0042

Button, Bernard R.; Morsh, Joseph E.

OCCUPATIONAL SURVEY OF THE MEDICAL ADMINISTRATIVE CAREER LADDER 906X0. VOLUME I.  
PART III.

Personnel Research Lab., Lackland AFB, Tex.

1968; 280pp.

TIE Price: MF \$0.65 PC \$14.00

Also Available: AD 691 158

Medical Administration	435	14.08 00
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TI 0043

Button, Bernard R.; Morsh, Joseph E.

OCCUPATIONAL SURVEY OF THE MEDICAL ADMINISTRATIVE CAREER LADDER 906X0.  
VOLUME II. PART I.

Personnel Research Lab., Lackland AFB, Tex.

1968; 185pp.

TIE Price: MF \$0.65 PC \$9.25

Also Available: AD 691 159

Medical Administration	435	14.08 00
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TI 0044

Button, Bernard R.; Morsh, Joseph E.

OCCUPATIONAL SURVEY OF THE MEDICAL ADMINISTRATIVE CAREER LADDER 906X0.  
VOLUME II. PART II.

Personnel Research Lab., Lackland AFB, Tex.

1968; 245pp.

TIE Price: MF \$0.65 PC \$12.25

Also Available: AD 691 160

Medical Administration	435	14.08 00
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TI 0045

Button, Bernard R.; Morsh, Joseph E.

OCCUPATIONAL SURVEY OF THE MEDICAL ADMINISTRATIVE CAREER LADDER 906X0  
VOLUME II. PART III.

Personnel Research Lab., Lackland AFB, Tex.

1968; 289pp.

TIE Price: MF \$0.65 PC \$14.45  
Also Available: AD 691 161

Medical Administration	435	14.08 00
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TI 0046

Schalock, H. Del; And Others

THE OREGON STUDIES IN EDUCATIONAL RESEARCH, DEVELOPMENT, DIFFUSION, AND  
EVALUATION. VOLUME I: SUMMARY REPORT.

Oregon State System of Higher Education, Monmouth. Teaching Research Div.

1972; 441pp.

TIE Price: MF \$0.65 PC \$22.05  
Also Available: ED 066 837  
And: Oregon Studies in Educational RDD&E, Teaching Research,  
Monmouth, Oregon 97361 (complete set, \$60 postpaid)  
Volume I, \$10)

National Center for Educational Research and Development (DHEW/OE), Washington, D.C.

Educational RDD&E	3722	No Code
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TI 0047

Mead, Donald F.

OCCUPATIONAL SURVEY OF THE INTELLIGENCE OPERATIONS (204X0) AND PHOTO INTERPRETATION  
(206X0) CAREER LADDERS. VOLUME I. (Technical Report AFHRL-TR-68-121)

Air Force Human Resources Lab., Lackland AFB, Tex.. Personnel Research Div.

1968; 501pp.

TIE Price: MF \$0.80 PC \$25.05  
Also Available: AD 692 530

contd.

Intelligence Operations, Photo  
Interpretation

356

No Code

TI 0048

Mead, Donald F.

OCCUPATIONAL SURVEY OF THE INTELLIGENCE OPERATIONS (204X0) AND PHOTO INTERPRETATION  
(206X0) CAREER LADDERS. VOLUME II.

Air Force Human Resources Lab., Lackland AFB, Tex., Personnel Research Div.

1968; 527pp.

TIE Price: MF \$0.80 PC \$26.35

Also Available: AD 692 531

Intelligence Operations, Photo  
Interpretation

356

No Code

TI 0049

Morrison, Edward J.

DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL CURRICULUM FOR THE NEW QUINCY  
(MASS.) VOCATIONAL-TECHNICAL SCHOOL. FIRST QUARTERLY TECHNICAL REPORT.

American Institutes for Research, Pittsburgh, Pa.

1965; 61pp.

TIE Price: MF \$0.65 PC \$3.05

Also Available: ED 024 749

Auto Mechanic

47

17.03 02

Guidance Counselor

34

1 32 21.

TI 0050

Fine, Sidney A.; Wiley, Wretha W.

AN INTRODUCTION TO FUNCTIONAL JOB ANALYSIS. A SCALLING OF SELECTED TASKS FROM  
THE SOCIAL WELFARE FIELD.

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

1971; 91pp.

TIE Price: MF \$0.65 PC \$4.55

Also Available: The Upjohn Institute for Employment Research, 300 S.  
Westnedge Avenue, Kalamazoo, MI 49007 (\$2.00)

contd.

Social Welfare

99

1 32 70.23

TI 0051

Kern, Richard P.; Caylor, John S.

ANALYSES OF WIN TEAM FUNCTIONING AND JOB REQUIREMENTS. PHASE I: DUTIES AND TASKS PERFORMED BY TEAMS AND TEAM MEMBERS.

Human Resources Research Organization, Monterey, Calif. Div. 3

1971, 121pp.

TIE Price: MF \$0.65 PC \$6.05

Also Available: ED 062 562

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

Clerical

Coach

Counselor

Job Developer

Orientation Specialist

Team Supervisor/Leader

Work &amp; Training Specialist

82

15.13 00

TI 0052

Cotrell, Calvin J.; And Others

MODEL CURRICULA FOR VOCATIONAL AND TECHNICAL TEACHER EDUCATION: REPORT NO. II GENERAL OBJECTIVES--SET I. FINAL REPORT.

Ohio State Univ., Columbus. Center for Vocational and Technical Education

1971; 165pp.

TIE Price: MF \$0.65 PC \$8.25

Also Available: ED 059 354

National Center for Educational Research and Development (DHEW/OE), Washington, D.C.

Vocational/Technical Teachers

256

16.06 99

TI 0053

Morsh, Joseph E.; Nall, Robert W.

OCCUPATIONAL SURVEY OF THE HELICOPTER MECHANIC CAREER LADDER 431X0. (Technical Report AFHRL-TR-69-105)

Air Force Human Resources Lab., Lackland AFB, Tex., Personnel Research Div.

contd.

1969; 777pp.

TIE Price: MF \$1.25 PC \$38.85  
Also Available: AD 689 180/AD 689 181

Helicopter Mechanic	368	17.04 01
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TI 0054

CARPENTRY COMPETENCIES.

Sanford Research Project, Sanford, North Carolina

1972; 8pp.

TIE Price: MF \$0.65 PC \$0.40  
Also Available: Occupational Research, ATTN: Everette Bradley, Director  
Sanford Central High School, 1708 Nash St., Sanford, NC 27330

Carpentry	97	17.10 01
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TI 0055

Leporini, Frank E.; And Others

THE GENERAL WOODWORKING CORE CURRICULUM. PROJECT ABLE: DEVELOPMENT AND EVALUATION OF AN EXPERIMENTAL CURRICULUM FOR THE NEW QUINCY (MASS.) VOCATIONAL-TECHNICAL SCHOOL.

American Institutes for Research, Pittsburgh, Pa.; Quincy Public Schools, Mass.

1970; 209pp.

TIE Price: MF \$0.65 PC \$10.45  
Also Available: ED 045 854

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

Basic Woodworking	65	17.36 00
General Carpentry	101	17.10 01
Cribber	5	
Construction Technician	7	
Floor Layer	5	
Framer	18	
Inside Finishman	23	
Lather	4	
Outside Finishman	21	
Roofer	9	
Siding Applicator	5	
Tile Applicator	4	
Mill Carpentry	75	17.36 01
Assembly Man	6	
Boat Building	29	

contd.

Cabinet Installer	8	
Formica Installer	2	
Furniture Maker	4	
Hardware Applicator	1	
Interior Designer	7	
Kitchen Cabinet Maker	3	
Layout Man	1	
Mill Man	1	
Mill Man/Wood Former	5	
Paint and Stain Maker	1	
Sash and Door Carpenter	2	
Spray and Finisher	3	
Wood Turner	2	
Patternmaking	46	17.36 99
Metal Patternmaker	5	
Model Maker	20	
Pattern Finisher	3	
Pattern Rigger	8	
Plaster Patternmaking	10	

TI 0056

## MASONRY COMPETENCIES.

Sanford Research Project, Sanford, North Carolina

1972; 10pp.

TIE Price: MF \$0.65 PC \$0.50

Also Available: Occupational Research, ATTN: Everette Bradley, Director  
 Sanford Central High School, 1708 Nash Street, Sanford.  
 NC 27330

Masonry	76	17.10 04
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TI 0057

## BUILDING TRADES: AIR CONDITIONING GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

12pp.

TIE Price: MF \$0.65 PC \$0.60

Also Available: Nebraska Department of Education, Div. of Vocational Educa-  
 tion, 233 South Tenth St., Lincoln, NE 68508

Air Conditioning & Refrigeration	139	17.01 00
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TI 0058

BUILDING TRADES: CARPENTRY GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

14pp.

TIE Price: MF \$0.65 PC \$0.70

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Carpentry 87 17.10 01

TI 0059

BUILDING TRADES: ELECTRICITY CONSTRUCTION GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

15pp.

TIE Price: MF \$0.65 PC \$0.75

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Electricity Construction 124 17.10 02

TI 0060

BUILDING TRADES: HEAVY EQUIPMENT GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

14pp.

TIE Price: MF \$0.65 PC \$0.70

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Heavy Equipment 88 17.10 03

TI 0061

BUILDING TRADES: MASONRY GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

17pp.

contd.

TIE Price: MF \$0.65 PC \$0.85

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Cement Mason 135 17.10 04

TI 0062

BUILDING TRADES: PAINTING AND DECORATING GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

12pp.

TIE Price: MF \$0.65 PC \$0.60

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Painting and Decorating 65 17.10 05

TI 0063

BUILDING TRADES: PLUMBING AND PIPEFITTING GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

15pp.

TIE Price: MF \$0.65 PC \$0.75

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Plumbing and Pipefitting 109 17.10 07

TI 0064

BUILDING TRADES: ROOFING GUIDE.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

11pp.

TIE Price: MF \$0.65 PC \$0.55

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Roofing 38 17.10 10

TI 0065

BUILDING TRADES: SHEET METAL GUIDE.

contd.

Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education

13pp.

TIE Price: MF \$0.65 PC \$0.70

Also Available: Nebraska Department of Education, Div. of Vocational Education, 233 South Tenth St., Lincoln, NE 68508

Sheet Metal 69 17.23 05

TI 0066

Morsh, Joesph E.

JOB TYPES IDENTIFIED WITH AN INVENTORY CONSTRUCTED BY ELECTRONICS ENGINEERS.  
(Technical Report PRL-TR-66-6)

Personnel Research Lab., Aerospace Medical Div., Lackland AFB, Tex.

1966; 62pp.

TIE Price: MF \$0.65 PC \$3.10

Also Available: AD 645 056

Contract Manager & Liaison Officer	31	}	17.15 99
Electronic Systems Analyst (Evaluator)	31		
Electronic Systems Evaluator	29		
Electronic Systems Manager & Evaluator	27		
Electronics Supervisory Engineer	30		
Foreign Technology Analyst	30		
Foreign Technology Officer	30		
Project Administrator, Planner & Coordinator	31		
Project Coordinator (R&D Planning Officer)	21		
Project Officer	27		
Project Supervisor	23		
R&D Project Engineer	28		
R&D Project Manager	31		
R&D Project Monitor	29		
Systems Test Supervisor	32		
Test Program Coordinator (Monitor)	28		
Test Program Planner & Data Analyst	30		

TI 0067

Traweek, John H.; Driskill, Walter E.

SPECIALITY SURVEY OF THE TELE-COMMUNICATIONS SYSTEMS CONTROL CAREER LADDER  
307X0. PRELIMINARY REPORT.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1969; 481pp.

contd.

TIE Price: MF \$0.80 PC \$24.05  
 Also Available: AD 689 149

Tele-communications Systems Control 197 17.15 01

TI 0068

METAL COMPETENCIES.

Sanford Research Project, Sanford, North Carolina

1972; 11pp.

TIE Price: MF \$0.65 PC \$0.55

Also Available: Occupational Research, ATTN: Everette Bradley, Director,  
 Sanford Central High School, 1708 Nash Street, Sanford,  
 NC 27330

Machinist 108 17.23 02

TI 0069

Button, Bernard R.; Driskill, Walter E.

SPECIALITY SURVEY OF THE SECURITY POLICE CAREER FIELD 811XX. VOLUME I. FINAL REPORT.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1969; 361pp.

TIE Price: MF \$0.65 PC \$18.05

Also Available: AD 690 935

Security Police 336 17.28 02

TI 0070

Button, Bernard R.; Driskill, Walter E.

SPECIALITY SURVEY OF THE SECURITY POLICE CAREER FIELD 811XX. VOLUME II.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1969; 239pp.

TIE Price: MF \$0.65 PC \$11.95

Also Available: AD 690 936

Security Police 336 17.28 02

TI 0071

Button, Bernard R.; Driskill, Walter E.

SPECIALITY SURVEY OF THE SECURITY POLICE CAREER FIELD 811XX. VOLUME III.

Lackland Military Training Center, Lackland AFB, Tex., Job Specialty Survey Div.

1969; 297pp.

TIE Price: MF \$0.65 PC \$14.85  
Also Available: AD 690 937

Security Police	336	17.28 02
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TI 0072

TASK ANALYSIS QUESTIONNAIRE BOOKLET OCCUPATIONAL FIELD 01.

Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Vir.

38pp.

TIE Price: MF \$0.65 PC \$1.90

Personnel	237	14.00 00
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TI 0073

TASK ANALYSIS QUESTIONNAIRE BOOKLET OCCUPATIONAL FIELD 60/61.

Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Vir.

59pp.

TIE Price: MF \$0.65 PC \$2.95

Aircraft Maintenance	937	17.04 01
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TI 0074

TASK ANALYSIS QUESTIONNAIRE BOOKLET OCCUPATIONAL FIELD 62.

Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Vir.

66pp.

TIE Price: MF \$0.65 PC \$3.30

Avionics	533	17.15 99
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TI 0075

TASK ANALYSIS QUESTIONNAIRE BOOKLET OCCUPATIONAL FIELD 1500.

Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Vir.

37pp.

TIE Price: MF \$0.65 PC \$1.85

Lithography	174	17.19 03
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TI 0076

TASK ANALYSIS QUESTIONNAIRE BOOKLET OCCUPATIONAL FIELD 6500.

Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Vir.

46pp.

TIE Price: MF \$0.65 PC \$2.30

Aviation Ordnance	253	No Code
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TI 0077

TASK ANALYSIS QUESTIONNAIRE BOOKLET OCCUPATIONAL FIELD 68 (AEROLOGY).

Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Vir.

30pp.

TIE Price: MF \$0.65 PC \$1.50

Aerology	285	No Code
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JOB TITLES/OCCUPATIONAL AREAS INDEX

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This index lists, in alphabetical order, the job titles or occupational areas for which task inventories are contained in publications cited in the Directory, the TI accession number of the publication and the page numbers on which the publication is cited.

<u>Area/Title</u>	<u>Tl No.</u>	<u>Page</u>
Accountant	0011	7
Administrative & Management Occupations	0001	2
Administrator	0011	7
Advertising Manager, Department Store	0008	5
Agrology	0077	30
Agriculture & Related Work	0001	2
Air Conditioning & Refrigeration	0057	24
Aircraft Maintenance	0073	29
Applicator, Hardware	0055	23
Applicator, Siding	0055	23
Applicator, Tile	0055	23
Arborists Services	0004	3
Architectural Engineering & Related Occupations	0001	2
Assembly Man	0055	23
Auto Mechanic	0049	21
Automotive Mechanics	0005	4
	0016	9
Avionics	0074	29
Aviation Ordnance	0076	30
Banking Office Worker	0033	15
Bell Captain, Hotel/Motel	0010	6
Bellman/Porter, Hotel/Motel	0010	6
Boat Building	0055	23
Building Superintendent	0010	6
Busboy, Restaurant	0010	6
Buyer, Assistant, Department Store	0008	5
Buyer, Department Store	0008	5
Buyer, Head/Merchandise Manager, Wholesaling	0009	6
Buyer, Wholesaling	0009	6
Cabinet Maker, Kitchen	0055	23
Carpenter, Sash & Door	0055	23
Carpentry	0054	23
	0058	25
Carpentry, General	0055	23
Carpentry, Mill	0055	23
Cashier, Checker, Food Store	0009	6
Cashier, Checkout, Variety Store	0008	5
Cashier, Head, Food Store	0009	6
Cashier, Hotel/Motel	0010	6
Cashier, Restaurant	0010	6
Catering Manager, Hotel/Motel	0010	6
Chef, Executive, Hotel/Motel	0010	6
Child Care Aide	0024	12
Child Care Work	0025	12
Clerical	0051	22
Clerical & Related Occupations	0001	2
Clerk, Accounting	0033	15
Clerk, File	0033	15
Clerk, General	0033	15

<u>Area/Title</u>	<u>TI No.</u>	<u>Page</u>
Clerk, Grocery, Food Store	0009	6
Clerk, Head Grocery, Food Store	0009	6
Clerk, Head Produce, Food Store	0009	6
Clerk, Mail & Messenger	0033	15
Clerk, Office, Variety Store	0008	5
Clerk, Medical Records	0006	4
Clerk, Produce, Food Store	0009	6
Clerk, Receiving, Department Store	0008	5
Clerk, Room	0010	6
Clerk-Typist	0006	4
	0033	15
Clothing Assistant	0026	13
Coach	0051	22
Contract Manager & Liason Officer	0066	27
Construction Technician	0055	23
Counseling, Guidance, Social Services & Related Work	0031	2
Counselor	0051	22
Counselor, Guidance	0049	21
Counter Girl, Restaurant	0010	6
Credit Interviewer, Department Store	0008	5
Credit Manager, Assistant, Department Store	0008	5
Credit Manager, Department Store	0008	5
Cribber	0055	23
Dairy Production	0002	2
Data Processing Operator	0033	15
Decorating & Painting	0062	26
Dental Assistant	0015	9
Dental Hygienist	0015	9
Dental Laboratory Technician	0015	9
Department Head	0011	7
Department Manager, Department Store	0008	5
Department Manager, Variety Store	0008	5
Dietician Aide	0027	13
Display Helper, Department Store	0008	5
Display Manager, Assistant, Department Store	0008	5
Display Manager, Department Store	0008	5
Distributive Education Teacher-Coordinator	0007	4
Drafting, Architectural	0031	15
Drafting, Mechanical	0031	15
Electricity Construction	0059	25
Electroencephalographic Technician	0021	11
Electronic Systems Analyst (Evaluator)	0066	27
Electronic Systems Evaluator	0066	27
Electronic Systems Manager & Evaluator	0066	27
Electronics Supervisory Engineer	0066	27
Engineering, Architectural & Related Occupations	C701	2
Executive Assistant, Hotel/Motel	0010	6

<u>Area/Title</u>	<u>TI No.</u>	<u>Page</u>
Farm & Garden Stores	0004	3
Farming, General	0002	2
Fine Arts Occupations	0001	2
Finisher, Pattern	0055	23
Finisher & Spray	0055	23
Finishman, Inside	0055	23
Finishman, Outside	0055	23
Floor Layer	0055	23
Florists, Retail	0004	3
Florists, Wholesale	0004	3
Food Service	0013	8
Food Service Employee	0028	14
Foreign Technology Analyst	0066	27
Foreign Technology Officer	0066	27
Foreign Technology Staff Officer	0039	18
Forest Products Production	0002	2
Framer	0055	23
Fuel Specialist	0014	8
Fuel Specialist, Apprentice	0014	8
Fuel Superintendent	0014	8
Fuel Supervisor	0014	8
Furniture Maker	0055	23
Golf Courses (Public & Private)	0004	3
Grain Production	0002	2
Greenhouse Production	0004	3
Heavy Equipment	0060	25
Home Furnishings Aide	0029	14
Horticulture Production	0002	2
Hostess, Restaurant	0010	6
Housekeeper, Executive, Hotel/Motel	0010	6
Housekeeping Management Assistant	0030	14
Inhalation Therapist	0015	9
Inspection, Testing, & Related Work	0001	2
Installer, Cabinet	0055	23
Installer, Formica	0055	23
Intelligence Operations, Photo Interpretation	0048	21
Interior Designer	0055	23
Job Developer	0051	22
Laboratory Animal Specialist	0003	3
Laboratory Animal Technician	0003	3
Landscape Services	0004	3
Lather	0055	23
Layout Man	0055	23
Liason Officer & Contract Manager	0066	27
Librarian, Registered Record	0006	4
Lithography	0075	30
Livestock	0002	2

<u>Area/Title</u>	<u>TI No.</u>	<u>Page</u>
Machinist	0068	28
Manager, Assistant, Hotel/Motel	0010	6
Manager, Assistant, Restaurant	0010	6
Manager, Hotel/Motel	0010	6
Manager, Restaurant	0010	6
Mathematics, Physical Sciences & Related Work	0001	2
Material Support	0033	15
Marker/Stockman	0008	5
Mason, Cement	0061	25
Masonry	0056	24
Mechanic, Auto	0049	21
Mechanic, Helicopter	0053	22
Mechanical Repairing & Related Work	0001	2
Mechanics, Automotive	0005	4
	0016	9
Medical Administration	0040	18
	0041	18
	0042	19
	0043	19
	0044	19
	0045	20
Medical Assistant	0015	9
Medical Corpsman, Field	0019	10
Medical Corpsman, Hospital	0019	10
Medical & Health Services Occupations	0001	2
Medical-Laboratory Assistant	0015	9
Medical Materials	0037	17
Medical Office Worker	0033	15
Merchandise Manager/Head Buyer, Wholesaling	0009	6
Merchandiser, Wholesaling	0009	6
Merchandising & Related Occupations	0001	2
Messenger & Mail Clerk	0033	15
Mill Man	0055	23
Mill Man/Wood Former	0055	23
Model Maker	0055	23
Navigator	0036	17
Night Manager	0010	6
Nurse Aide	0015	9
	0017	10
	0018	10
Nurse Aide/Orderly	0020	11
Nurse, General Duty	0015	9
Nurse, Licensed Practical	0015	9
	0020	11
Nurse, Licensed Vocational/Licensed Practical	0017	10
	0018	10
Nurse, Registered	0017	10
	0018	10
Nursery Production	0004	3

<u>Area/Title</u>	<u>TI No.</u>	<u>Page</u>
Occupational Therapy Aide	0015	9
Office Machine Operator	0033	15
Office Manager, Variety Store	0008	5
Office Occupations	0032	15
Order Selector/Warehouseman, Wholesaling	0009	6
Orderly/Nurse Aide	0020	11
Orientation Specialist	0051	22
Painting & Decorating	0062	26
Paint & Stain Maker	0055	23
Pattern Finishman	0055	23
Patternmaker, Metal	0055	23
Patternmaking	0055	23
Patternmaking, Plaster	0055	23
Pattern Rigger	0055	23
Performing Arts Occupations	0001	2
Personal Affairs Specialist Technician	0038	17
Personnel	0072	29
Personnel Management	0038	17
Personnel Manager, Variety Store	0008	5
Personnel Specialist/Technician	0038	17
Personnel Systems Specialist/Analyst	0038	17
Pharmacist	0022	11
Pharmacy, Hospital	0023	12
Photography, Communications	0001	2
Photo Interpretation, Intelligence Operations	0048	21
Physical Science Research	0001	2
Plumbing & Pipefitting	0063	26
Porter, Bellman, Hotel/Motel	0010	6
Poultry Production	0002	2
Project Administrator, Planner & Coordinator	0066	27
Project Coordinator (R&D Planning Officer)	0066	27
Project Officer	0066	27
Project Supervisor	0066	27
Purchasing Agent	0011	7
Purchasing Agent, Hotel/Motel	0010	6
Public Contact Operator	0033	15
Public Utilities & Related Work	0001	2
R&D Project Engineer	0066	27
R&D Project Manager	0066	27
R&D Project Monitor	0066	27
R&D Project Staff Officer	0039	18
RDD&E, Educational	0046	20
Receiving Manager, Department Store	0008	5
Receiving Manager, Assistant, Department Store	0008	5
Receiving/Shipping Supervisor, Wholesaling	0009	6
Receptionist & Telephone Operator	0033	15
Recreation Director, Hotel/Motel	0010	6
Refrigeration & Air Conditioning	0057	24
Record Technician, Accredited	0006	4
Research, Psychological	0001	2

<u>Area/Title</u>	<u>TI No.</u>	<u>Page</u>
Reservation Manager, Hotel/Motel	0010	6
Retail Merchandising Non-Supervisory Personnel	0012	8
Retail Merchandising Supervisory Personnel	0012	8
Roofer	0055	23
Roofing	0064	26
Salesman, Route, Wholesaling	0009	6
Salesman, Vending/Supplier, Wholesaling	0009	6
Salesman, Wholesaling	0009	6
Sales Manager, Hotel/Motel	0010	6
Sales Manager, Wholesaling	0009	6
Salesperson, Commissioned, Variety Store	0008	5
Salesperson, (Entry Level), Variety Store	0008	5
Salesperson, Professional (Entry), Department Store	0008	5
Salesperson, Professional (1st Step), Department Store	0008	5
Salesperson, Professional (2nd Step), Department Store	0008	5
Secretary, Medical	0006	4
Secretary & Stenographer	0033	15
Section Manager, Variety Store	0008	5
Security Police	0069	28
	0070	28
	0071	29
Service Desk, Variety Store	0008	5
Service Station Assistant	0009	6
Service Station Attendant	0009	6
Service Station Dealer	0009	6
Sheet Metal	0065	26
Social Welfare	0050	21
Spray & Finisher	0055	23
Stenographer & Secretary	0033	15
Stockman/Marker	0008	5
Stockperson, Department Store	0008	5
Stockroom Supervisor, Variety Store	0008	5
Storekeeper	0011	7
Store Manager, Assistant, Food Store	0009	6
Store Manager, Assistant, Variety Store	0008	5
Store Manager, Food Store	0009	6
Store Manager, Variety Store	0008	5
Superintendent (Service), Hotel/Motel	0010	6
Supplier/Vending Salesman, Wholesaling	0009	6
Supply Services	0034	16
	0035	16
Surgical Technician	0020	11
Systems Test Supervisor	0066	27
Teachers, Vocational-Technical	0052	22
Team Supervisor/Leader	0051	22

<u>Area/Title</u>	<u>TI No.</u>	<u>Page</u>
Tele-communications Systems Control	0067	27
Telephone Operator & Receptionist	0033	15
Test Program Coordinator (Monitor)	0066	27
Test Program Planner & Data Analyst	0066	27
Training & Work Specialist	0051	22
Transcriber	0006	4
Transportation, Air & Related Occupations	0001	2
Transportation, Motor & Related Work	0001	2
Transportation, Pipeline & Related Work	0001	2
Transportation, Railroad	0001	2
Transportation, Water	0001	2
Turf Production	0004	3
Veterinary Specialist	0003	3
Veterinary Specialist, Apprentice	0003	3
Veterinary Superintendent	0003	3
Veterinary Technician	0003	3
Vocational/Technical Teachers	0052	22
Waiter, Head, Restaurant	0010	6
Waiter or Waitress, Restaurant	0010	6
Waitress or Waiter, Restaurant	0010	6
Warehouse Manager, Wholesaling	0009	6
Warehouseman/Order Selector, Wholesaling	0009	6
Wood Former/Mill Man	0055	23
Wood Turner	0055	23
Woodworking, Basic	0055	23
Work & Training Specialist	0051	22
Writing, Editing, & Related Work	0001	2

---

AUTHOR INDEX (PERSONAL AND CORPORATE)

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This index lists, in alphabetical order, the names of personal or corporate authors of the publications containing task inventories that have been cited in the Directory, the TI accession number of the publication and the page number on which the citation of the publication appears.

<u>Author</u>	<u>TI No.</u>	<u>Page</u>
American Institutes for Research, Pittsburgh, Pa.	0049	21
	0055	23
Berkey, Arthur L.	0004	3
Borcher, Sidney D.	0005	4
Button, Bernard R.	0040	18
	0041	18
	0042	19
	0043	19
	0044	19
	0045	20
	0 69	28
	0070	28
	0071	29
Byrd, R. Ross	0032	15
California Univ., Los Angeles. Div. of Vocational Education	0006	4
	0011	7
	0017	10
	0018	10
	0021	11
	0023	12
Cavanagh, Catherine	0025	12
Caylor, John S.	0051	22
Cotrell, Calvin S.	0052	22
Crawford, Lucy C.	0007	4
	0008	5
	0009	6
	0010	6
Drake, William E.	0004	3
Driskill, Walter E.	0067	27
	0069	28
	0070	28
Drost, Jim L.	0016	9
Ertel, Kenneth A.	0012	8
Fine, Sidney A.	0050	21
Freeland, Thomas E.	0021	11
Goldsmith, Katherine L.	0018	10
	0023	12
Gosman, Minna L.	0006	4
Gragg, Donald B.	0036	17
Henrich, Robert R.	0011	7
	0022	11
	0023	12
Human Resources Research Organization, Alexandria, Va.	0019	10

<u>Author</u>	<u>TI No.</u>	<u>Page</u>
Human Resources Research Organization, Monterey, Calif. Div. 3	0051	22
Idaho State Board of Vocational Education, Boise	0012	8
Idaho Univ., Moscow. Coll. of Education	0012	8
Iowa State Univ. of Science and Technology, Ames	0016	9
Kern, Richard P.	0051	22
Kishkunas, Louis J.	0020	11
Lackland AFB, Tex. Air Force Human Resources Lab. Personnel Research Lab.	0047	20
	0048	21
	0053	22
Lackland AFB, Tex. Aerospace Medical Div. Personnel Research Lab	0003	3
	0038	17
	0039	18
	0066	27
Lackland AFB, Tex. Lackland Military Training Center. Job Specialty Survey Div.	0014	8
	0034	16
	0035	16
	0067	27
	0069	28
	0070	28
Lackland AFB, Tex. Personnel Research Lab.	0036	17
	0037	17
	0040	18
	0041	18
	0042	19
	0043	19
	0044	19
Lanham, Frank W.	0033	15
Leiter, Paul B.	0005	4
Leporini, Frank E.	0055	23
Long, Gilbert A.	0002	2
Manpower Administration (DOL), Washington, D.C. Bureau of Research	0001	2
Mead, Donald F.	0047	20
	0048	21
Morrison, Edward J.	0049	21
Morsh, Joseph E.	0003	3
	0037	17
	0038	17
	0039	18
	0040	18
	0041	18
	0042	19
	0043	19
	0044	19

<u>Author</u>	<u>TI No.</u>	<u>Page</u>
Morsh, Joseph E.	0045	20
	0053	22
	0066	27
Nall, Robert W. Nebraska State Dept. of Education, Lincoln. Div. of Vocational Education	0053	22
	0057	24
	0058	25
	0059	25
	0060	25
	0061	25
	0062	26
	0063	26
	0064	26
Office of Manpower Utilization (Code MPU), Marine Corps Base, Quantico, Va.	0072	29
	0073	29
	0074	29
	0075	30
	0076	30
	0077	30
Ohio State Univ., Columbus. Center for Vocational Education	0005	4
	0033	15
	0052	22
Oregon State Board of Education, Salem. Div. of Community Colleges and Career Education	0015	9
	0046	20
Oregon State System of Higher Education, Monmouth. Teaching Research Div.	0046	20
Perkins, Edward A.	0032	15
Quincy Public Schools, Mass.	0055	23
Rahmlow, Harold F.	0013	8
	0025	12
Sanford Research Project, Sanford, NC	0031	15
	0054	23
	0056	24
	0068	28
Schalock, H. Del State Univ. of New York, Ithaca. Coll. of Agriculture at Cornell University	0046	20
	0004	3
Texas Tech. Univ., Lubbock. School of Home Economics	0024	12
	0026	13
	0027	13
	0028	14

<u>Author</u>	<u>TI No.</u>	<u>Page</u>
Texas Tech. Univ., Lubbock. School of Home Economics	0029	14
	0030	14
Traweek, John H.	0067	27
Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.	0050	21
Virginia Polytechnic Inst., Blacksburg	0007	4
	0008	5
	0009	6
	0010	6
Ward, Joseph S.	0019	10
Washington State Coordinating Council for Occupational Education, Olympia	0012	8
Washington State Univ., Pullman.	0013	8
	0025	12
	0032	15
Washington State Univ., Pullman. Dept. of Education	0002	2
Wiley, Wretha W.	0050	21
Wood, Lucile A.	0017	10

---

USOE SUBJECT MATTER CODE INDEX

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This index lists, in numerical order, the U.S.O.E. Subject Matter Code numbers assigned to job titles or occupational areas for which publications cited in the Directory contain task inventories, the job titles or occupational areas and the page numbers on which the related publications appear.

<u>USOE Code</u>	<u>Subject Matter</u>	<u>TI No.</u>	<u>Page</u>
1 32 21.	Guidance Services	0001	2
		0049	21
1 32 70.23	Health & Welfare	0050	21
01.00 00	Agriculture	0001	2
01.01 00	Agricultural Production	0002	2
01.01 01	Animal Science	0003	3
01.05 01	Arboriculture	0004	3
01.05 03	Greenhouse Operation & Management	0004	3
01.05 04	Landscaping	0004	3
01.05 05	Nursery Operation & Management	0004	3
01.05 06	Turf Management	0004	3
02.02 00	Art Studio	0001	2
02.02 07	Photography & Related Media	0001	2
03.00 00	Business	0011	7
		0035	15
04.00 00	Distributive Education	0001	2
		0007	4
04.05 00	Forestry	0004	3
04.06 00	Food Distribution	0009	5
04.07 00	Food Services	0010	5
		0013	8
04.09 00	Hardware, Building Materials	0004	3
04.11 00	Hotel & Lodging	0010	6
04.16 00	Petroleum	0014	8
04.19 00	Transportation	0001	2
04.00 00 18	Buying	0009	6
04.00 00 22	Retail Buying	0008	5
04.00 00 28	Credit and Collections	0008	5
04.00 00 29	Marketing Management	0009	6
		0010	6
04.00 00 31	Personnel Management	0008	5
04.00 00 32	Retail Store Management	0008	5
04.00 00 44	Advertising & Sales Promotion	0008	5
04.00 00 54	Retail Display	0008	5
04.00 00 62	Salesmanship	0009	6
04.00 00 64	Retail Selling	0008	5
		0012	8
04.00 00 65	Sales Management	0009	6
		0010	6
		0012	8
04.00 00 66	Other Selling	0009	6
04.00 00 99	Other Subject Matter in Dist. Educ.	0008	5
05.04 02	Writing	0001	2
07.00 00	Health Occupations Education	0001	2
07.01 01	Dental Assisting	0015	9
07.01 02	Dental Hygiene	0015	9
07.01 03	Dental Laboratory Technology	0015	9
07.02 03	Medical Laboratory Assistant	0015	9
07.03 01	Nursing	0015	9
		0017	10
		0018	10

<u>USOE Code</u>	<u>Subject Matter</u>	<u>TI No.</u>	<u>Page</u>
07.03 02	Practical (Vocational) Nursing	0015	9
		0017	10
		0018	10
		0019	10
		0020	11
07.03 03	Nursing Assistance (Aide)	0015	9
		0017	10
		0018	10
		0020	11
07.03 05	Surgical Technician	0020	11
07.04 01	Occupational Therapy	0015	9
07.09 01	Electroencephalograph Technician	0030	11
07.09 03	Inhalation Therapy	0015	9
07.09 04	Medical Assistant	0015	9
07.09 07	Medical Emergency Technician	0019	10
07.99 00	Other Health Occupations Education	0022	11
		0023	12
		0010	6
08.04 00	Recreation	0010	6
08.04 05	Performing Arts	0001	2
09.02 01	Care & Guidance of Children	0024	12
		0025	12
09.02 02	Clothing Management Production, & Services	0026	13
09.02 03	Food Management, Production, & Services	0027	13
		0028	14
		0029	14
09.02 04	Home Furnishings, Equipment, & Services	0029	14
09.02 05	Institutional & Home Management & Supporting Services	0030	14
10.03 01	Architectural Drafting	0031	15
10.03 05	Engineering Drawing	0031	15
10.16 00	Power/Automotive Mechanics	0001	2
13.03 00	Physical Sciences	0001	2
14.00 00	Office Occupations	0001	2
		0032	15
		0072	29
14.01 03	Cashiers	0008	5
		0009	6
14.03 02	File Clerks	0006	4
14.03 03	General Office Clerks	0008	5
14.04 99	Other Information Communication Occupations	0006	4
		0034	16
14.05 00	Materials Support Occupations	0035	16
		0008	5
14.05 03	Shipping & Receiving Clerks	0009	6
		0008	5
14.05 04	Stock & Inventory Clerks	0009	6
		0037	17
14.05 99	Other Materials Support Occupa- tions	0037	17
14.06 00	Personnel, Training & Related Occupations	0038	17

<u>USOE Code</u>	<u>Subject Matter</u>	<u>TI No.</u>	<u>Page</u>
14.07 00	Stenographic, Secretarial & Related Occupations	0006	4
14.07 02	Secretaries	0006	4
14.08 00	Supervisory & Administrative Management Occupations	0001	2
		0039	18
		0040	18
		0041	18
		0042	19
		0043	19
		0044	19
		0045	20
14.08 05	Office Managers & Chief Clerks	0008	5
14.99 00	Other Office Occupations	0006	4
15.12 99	Other Psychology	0001	2
15.13 00	Sociology	0051	22
16.01 00	Engineering Related Technology	0001	2
16.06 99	Other Miscellaneous Technical Education	0052	22
17.01 00	Air Conditioning	0057	24
17.03 00	Automotive Services	0009	6
17.03 02	Mechanics	0005	4
		0016	9
		0049	21
17.04 00	Aviation Occupations	0001	2
17.04 01	Aircraft Maintenance	0053	22
		0073	29
17.04 02	Aircraft Operations	0036	17
17.10 00	Construction & Maintenance Trades	0010	6
17.10 01	Carpentry	0054	23
		0055	23
		0058	25
17.10 02	Electricity	0059	25
17.10 03	Heavy Equipment (Construction)	0060	25
17.10 04	Masonry	0056	24
		0061	25
17.10 05	Painting & Decorating	0062	26
17.10 07	Plumbing & Pipefitting	0063	26
17.10 10	Roofing	0064	26
17.11 00	Custodial Services	0010	6
17.15 01	Communications	0067	27
17.15 99	Electronics Occupations	0066	27
		0074	29
17.19 03	Lithography, Photography & Plate- making	0075	30
17.22 00	Maritime Occupations	0001	2
17.23 02	Machine Shop	0068	28
17.23 05	Sheet Metal	0065	26
17.28 02	Law Enforcement Training	0069	28
		0070	28
		0071	29
17.29 00	Quantity Food Occupations	0009	6
17.29 02	Cook/Chef	0010	6

<u>USOE Code</u>	<u>Subject Matter</u>	<u>TI No.</u>	<u>Page</u>
17.29 04	Waiter/Waitress	0010	6
17.29 99	Other Quantity Food Occupations	0010	6
17.32 00	Stationary Energy Source Occupa- tions	0001	2
17.32 02	Pumping Plants	0001	2
17.36 00	Wood Working Occupations	0055	23
17.36 01	Millwork & Cabinet Making	0055	3
17.36 99	Other Woodworking Occupations	0055	23

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**The TIE staff is ready to help you in whatever way it can.**

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