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**ABSTRACT**

This bulletin provides updated information on the Classification of Instructional Programs (CIP), a taxonomy for instructional programs at all levels developed by the U.S. Department of Education's Center for Education Statistics (CES) in 1979-80. The result of the contributions of state, federal, institutional, and association representatives and the empirical examination of reported data, this revised CIP structure is intended to reflect the continuing changes in postsecondary education program offerings, and it replaces the original 1981 publication. Introductory material includes a table summarizing the changes from the 1981 CIP to the 1985 CIP and detailed lists of items that were revised, added, or deleted as a consequence of the 1985 revision. These items included 116 instructional programs deleted from CIP because they were duplicative or did not exist; 40 programs added to CIP as a result of write-ins on the Higher Education General Information Survey and Vocational Education Data System questionnaires, or information obtained from states, institutions, and associations for new and emerging programs; 7 codes revised to accommodate groups of similar programs; and 42 titles revised to incorporate the most current language in each field. The revised CIP lists a total of 1,091 programs organized in hierarchical order under 50 broad subject headings. The program code and title are included for each entry.

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# BULLETIN OERI

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January 1987

## Classification of Instructional Programs (CIP) 1985 Update

The Classification of Instructional Programs (CIP), developed by the U.S. Department of Education's Center for Education Statistics (CES) in 1979-80, was updated for the first time in 1985. CIP is a taxonomy for instructional programs at all levels. It is used in all CES surveys and is the accepted government standard for education information surveys.

In 1979-81, when CIP was developed and published, CES assured the education community that CIP would be updated periodically. CIP is intended to reflect the continuing changes for postsecondary education program offerings. Since first published, CIP has been used by CES in the Higher Education General Information Survey (HEGIS), and the Vocational Education Data System (VEDS); by other organizations, such as the Office for Civil Rights, Office of Vocational and Adult Education, and National Occupational Information Coordinating Committee; and by State agencies and national associations. CIP's use has been extensive enough so its completeness and relevance can be analyzed. For example, a review of HEGIS and VEDS data confirmed that most programs in CIP existed. "Write-ins" for programs not in CIP indicated new and emerging programs.

The CIP update will be used in CES' Integrated Postsecondary Education Data System (IPEDS). The Carl Perkins vocational education legislation specifies the use of CIP in IPEDS vocational education surveys.

The CIP update was accomplished with help from State, Federal, institutional, and association representatives. The revised CIP is the result of their contributions and the empirical examination of reported data.

This bulletin includes the following four lists: (1) Instructional programs deleted from CIP, (2) programs added to CIP, (3) revised codes, and (4) revised titles. The CIP structure reflects all the updates and replaces

the one published in 1981. Each list gives more details on the changes explained here:

List 1 gives 116 codes and titles deleted from the original CIP. Programs were deleted because they were duplicative or did not exist. When duplicative programs were found, one program was deleted. For example, 02.0306 Food Technology was deleted and 15.0602 Food Processing Technology remained. If data suggested that programs did not exist, such as 07.0706 Mail and Order Clerk, or 23.0901 Rhetoric, they were deleted. These deletions reduced the number of programs in CIP 10 percent.

List 2 gives 40 codes and titles added to the original CIP. Additions came from write-ins on HEGIS and VEDS survey questionnaires. When a number of institutions reported awards in programs not in CIP, the programs were added. These include 15.0405 Robotics Technology, 18.1030 Sports Medicine, and 30.0801 Mathematics and Computer Science. Also, programs such as 13.1321 Computer Education, 09.0801 Telecommunications, and 17.0410 Sign Language Interpreting were added on the basis of information from States, institutions, and associations for new and emerging programs. These additions are for 4 percent of the 1,091 programs in the updated CIP, for a net reduction of 6 percent.

List 3 gives 7 revised codes for CIP programs. The revisions were made to accommodate groups of similar programs. For example, in the public health area, 18.0601 Epidemiology was changed to 18.2202 so it would be in the category with other public health programs. These changes affected less than 1 percent of all CIP programs.

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List 4 gives the 42 revised titles. These changes were made to incorporate the most current language in each field. Examples include 19.0212 Ultrasound Technology to Diagnostic Medical Sonography; and 17.0513 Ward Clerk to Health Unit Coordinating. Other changes in titles were made to provide consistency to the overall structure of CIP titles. These title changes affected only 4 percent of CIP programs.

No deleted codes were reassigned to new programs, and changes were kept to a minimum. The attached table provides a summary of changes from CIP-1981 to CIP-1985.

A new edition of *A Classification of Instructional Programs* is scheduled to be published in spring 1987. It will include all new, revised, and unchanged program definitions.

Table - Classification of Instructional Programs (CIP) changes in the 1985 update from 1981

Program area	1981 CIP	Number of programs			
		1985 CIP update			
		Deletions	Additions	Revised codes	Revised titles
01. Agribusiness and Agricultural Production	39	1	1	-	2
02. Agricultural Sciences	37	19	-	-	2
03. Renewable Natural Resources	27	7	-	-	1
04. Architecture and Environmental Design	8	-	1	-	-
05. Area and Ethnic Studies	22	-	1	-	-
06. Business and Management	43	11	2	-	2
07. Business (Administrative Support)	45	5	-	1	2
08. Marketing and Distribution	72	13	1	-	4
09. Communications	8	-	0	-	1
10. Communications Technologies	5	-	2	-	-
11. Computer and Information Sciences	6	-	1	-	-
12. Consumer, Personal and Miscellaneous Services	17	4	1	-	2
13. Education	65	1	4	-	2
14. Engineering	30	-	1	-	-
15. Engineering and Engineering Related Technologies	50	5	2	-	-
16. Foreign Languages	30	8	2	-	-
17. Allied Health	89	13	4	-	7
18. Health Sciences	80	2	4	4	5
19. Home Economics	32	8	-	-	2
20. Vocational Home Economics	52	4	-	-	2
21. Industrial Arts	8	-	-	-	-
22. Law	4	-	-	-	-
23. Letters	12	1	1	-	-
24. Liberal/General Studies	2	-	1	-	1
25. Library and Archival Sciences	6	-	-	-	-
26. Life Sciences	35	2	-	-	-
27. Mathematics	6	-	-	-	-
28. Military Sciences	5	-	1	-	-
29. Military Technologies	2	-	-	1	-
30. Multi/Interdisciplinary Studies	8	-	2	-	-
31. Parks and Recreation	5	-	-	-	-
32. Basic Skills	7	-	1	-	-
33. Citizenship/Civic Activities	5	-	-	-	-
34. Health-Related Activities	5	-	-	-	-
35. Interpersonal Skills	5	-	-	-	-
36. Leisure and Recreational Activities	10	-	-	-	-
37. Personal Awareness	6	-	-	-	-
38. Philosophy and Religion	3	-	-	-	-
39. Theology	7	-	-	-	-
40. Physical Sciences	31	3	-	-	-
41. Science Technologies	15	-	-	-	-
42. Psychology	17	-	-	-	-
43. Protective Services	15	-	-	-	-
44. Public Affairs	13	-	-	-	-
45. Social Sciences	13	-	1	-	-
46. Construction Trades	26	1	-	-	2
47. Mechanics and Repairers	42	2	2	1	-
48. Precision Production	43	1	1	-	2
49. Transportation and Material Moving	23	2	1	-	3
50. Visual and Performing Arts	40	3	1	-	-
<b>Total</b>	<b>1,166</b>	<b>116</b>	<b>40</b>	<b>7</b>	<b>42</b>

## List 1

Codes and Titles Deleted from the Classification  
of Instructional Programs

Code	Title	Code	Title
01.0403	Nonfood Products	08.0804	Floor Coverings, Draperies, and Upholstery Marketing
02.0205	Animal Physiology	08.1002	Accident and Health Insurance Marketing
02.0207	Fisheries Science	08.1003	Life Insurance Marketing
02.0302	Dairy Processing	08.1004	Property and Casualty Insurance Marketing
02.0303	Food Distribution	08.1099	Insurance Marketing, Other
02.0304	Food Engineering	08.1103	Passenger Transportation Marketing
02.0305	Food Packaging	08.1202	Agricultural Implements and Machinery Marketing
02.0306	Food Technology	12.0102	Drycleaning
02.0399	Food Sciences, Other	12.0103	Laundering
02.0404	Ornamental Horticulture	12.0199	Drycleaning and Laundering Services, Other
02.0405	Plant Breeding and Genetics	12.0201	Entertainment Services, General
02.0406	Plant Pathology (Applied)	13.0602	Adult and Continuing Education Research
02.0407	Plant Physiology	15.0601	Chemical Manufacturing Technology
02.0410	Turf Management Science	15.0604	Manufacturing Technology
02.0502	Soil Chemistry	15.0605	Marine Products Technology
02.0503	Soil Conservation	15.0608	Safety Technology
02.0504	Soil Management and Fertility	15.0802	Agricultural Equipment Technology
02.0505	Soil Microbiology	16.0303	Korean
02.0506	Soil Physics	16.0401	Baltic Languages
02.0599	Soil Sciences, Other	16.0503	Yiddish
03.0302	Fisheries	16.0602	Greek (Modern)
03.0399	Fishing and Fisheries, Other	16.0701	Hindi
03.0406	Pulp and Paper Production	16.0702	Sanskrit
03.0503	Forest Biology	16.0799	Indic Languages, Other
03.0505	Forest Hydrology	16.08	Iranian Languages
03.0507	Forest Mensuration	16.0801	Iranian Languages
03.0508	Urban Forestry	17.0403	Genetic Counseling
06.0404	Systems Efficiency Analysis	17.0501	Animal Technology
06.1301	Business Statistics	17.0509	Physician Assisting—Specialty
06.1702	Commercial Property	17.0511	Veterinarian Aide
06.1703	Property Management	17.0603	Obstetrical Technology
06.1704	Real Estate Appraisal	17.0604	Pediatric Aide
06.1705	Real Estate Finance	17.0702	Ophthalmic Laboratory Technology
06.1706	Real Estate Law	17.0703	Ophthalmic Medical Assisting
06.1707	Residential Property	17.0704	Optometric Assisting
06.1799	Real Estate, Other	17.0706	Orthoptics
06.1802	Small Business Ownership	17.0805	Manual Arts Therapy
06.1899	Small Business Management and Ownership, Other	17.0810	Orthotic/Prosthetic Assisting
07.0202	Credit Collection Clerk	17.0821	Speech-Language Pathology/Audiology
07.0204	Loan Clerk	18.05	Emergency/Disaster Science
07.0206	Transit Clerk	18.0501	Emergency/Disaster Science
07.0706	Mail and Order Clerk	18.06	Epidemiology
07.0710	Typing	18.08	Hematology
08.0402	Banking Marketing	18.16	Population and Family Planning
08.0403	Credit Marketing	18.21	Prosectorial Science
08.0404	Credit Union Marketing	18.2101	Prosectorial Science
08.0405	Savings and Loan Marketing		
08.0406	Securities and Commodities Marketing		
08.0499	Financial Services Marketing, Other		

Code	Title	Code	Title
18.23	Toxicology (Clinical)	23.09	Rhetoric
19.0302	Nonformal Education (Extension, Adult/Extended)	23.0901	Rhetoric
19.0303	Family Services	26.0303	Mycology
19.0399	Family and Community Services, Other	26.0306	Plant Pharmacology
19.0403	Family Economics	40.0803	Electron Physics
19.0504	Human Nutrition	40.0804	Elementary Particle Physics
19.0702	Adult Development	40.0805	Fluids and Plasmas
19.08	International/Comparative Home Economics	46.0411	Terrazzo Installation
19.0801	International/Comparative Home Economics	47.0503	Industrial Nuclear Energy
19.0903	Textiles and Clothing, Retail	47.0602	Aircraft Mechanics
20.0205	Teacher Aide	48.0603	Optical Goods Work
20.0307	Textiles Testing	49.0103	Aviation Computer Technology
20.0407	Food Testing	49.0307	Merchant Marine Officers
20.0607	Therapeutic Recreation Aide	50.0203	Enameling
		50.0707	Kinetics
		50.08	Graphic Arts Technology
		50.0801	Graphic Arts Technology

### List 2

#### New Entries in the Classification of Instructional Programs

Code	Title	Code	Title
01.0507	Horse Handling and Care	16.0499	Balto-Slavic Languages, Other
04.08	Land Use Management and Reclamation	16.0703	Indic Languages
04.0801	Land Use Management and Reclamation	17.0410	Sign Language Interpreting
05.0115	Canadian Studies	17.0514	Chiropractic Assisting
06.1303	Management Science, General	17.0822	Recreational Therapy Aide
06.21	Computer Installation Management	18.1030	Sports Medicine
06.2101	Computer Installation Management	18.2203	Public Health Education
07.08	Word Processing	18.2204	Public Health Practice and Management
08.0708	Marketing, General	18.2299	Public Health, Other
09.08	Telecommunications	23.12	English as a Second Language
09.0801	Telecommunications	23.1201	English as a Second Language
10.0105	Sound Recording Technology	24.0102	General Studies
10.0106	Video Technology	28.05	Maritime Science (Merchant Marine)
11.06	Microcomputer Applications	28.0501	Maritime Science (Merchant Marine)
11.0601	Microcomputer Applications	30.08	Mathematics and Computer Science
12.0406	Make-up Artistry	30.0801	Mathematics and Computer Science
13.0202	Bilingual Education Assisting	30.09	Imaging Science
13.0299	Bilingual/Crosscultural Education, Other	30.0901	Imaging Science
13.1321	Computer Education	32.0107	Career Exploration
13.15	Teacher Assisting	45.0302	Archeological Technology
13.1501	Teacher Assisting	47.0607	Aircraft Mechanics, Airframe
14.1002	Microelectronic Engineering	47.0608	Aircraft Mechanics, Powerplant
15.0405	Robotics Technology	48.0210	Photoengraving
15.10	Construction Technology	49.0107	Airplane Piloting (Private)
15.1001	Construction Technology	50.0710	Printmaking



**List 3**

**Revised Codes in the Classification of Instructional Programs**

<b>From</b>		<b>To</b>
07.0608	Word Processing	07.0801
18.0601	Epidemiology	18.2202
18.0801	Hematology	18.1029
18.1601	Population and Family Planning	17.0409
18.2301	Toxicology (Clinical)*	18.0206
29.0199	Military Technologies, Other	29.9999
47.0406	Shoe and Boot Repair	48.0304

\*Title revised to Clinical Toxicology.

**List 4**

**Revised Titles in the Classification of Instructional Programs**

<b>Code</b>	<b>From</b>	<b>To</b>
01.0504	Animal Grooming	Pet Grooming
01.0603	Floriculture	Ornamental Horticulture
02.0301	Food Sciences, General	Food Sciences
02.0501	Soil Sciences, General	Soil Sciences
03.0301	Fishing and Fisheries, General	Fishing and Fisheries
06.1701	Real Estate, General	Real Estate
06.1801	Small Business Management	Small Business Management and Ownership
07.	Business and Office	Business (Administrative Support)
07.0502	Educational Assisting and Training	Training Assisting
07.99	Business and Office, Other	Business (Administrative Support), Other
07.9999	Business and Office, Other	Business (Administrative Support), Other
08.0301	Entrepreneurship, General	Entrepreneurship
08.0401	Financial Services, Marketing General	Financial Services Marketing
08.1001	Insurance Marketing, General	Insurance Marketing
08.1102	Freight Transportation Marketing	Transportation Marketing
09.06	Radio/Television News Broadcast	Radio/Television News Broadcasting
09.0601	Radio/Television News Broadcast	Radio/Television News Broadcasting
12.0101	Drycleaning and Laundering Services, General	Drycleaning and Laundering Services
12.0402	Barbering	Barbering/Hairstyling
13.02	Bilingual/Bicultural Education	Bilingual/Crosscultural Education
13.0201	Bilingual/Bicultural Education	Bilingual/Crosscultural Education
13.1203	Junior High Education	Junior High/Middle School Education
17.0201	Cardiopulmonary Technology	Cardiovascular Technology
17.0209	Radiograph Medical Technology	Radiologic (Medical) Technology
17.0212	Ultrasound Technology	Diagnostic Medical Sonography
17.0508	Physician Assisting—Primary Care	Physician Assisting
17.0513	Ward Clerk	Health Unit Coordinating
17.0606	Ward Service Management	Health Unit Management
17.0817	Recreational Therapy Technology	Recreational Therapy Assisting
18.0103	Speech Pathology/Audiology	Speech-Language Pathology/Audiology
18.0205	Physiology	Clinical Physiology

<b>Code</b>	<b>From</b>	<b>To</b>
18.07	Health Sciences Administration	Health Services Administration
18.0701	Health Care Administration	Health Services Administration
18.0799	Health Sciences Administration, Other	Health Services Administration, Other
18.22	Public Health Laboratory Science	Public Health
19.0301	Family and Community Services, General	Family and Community Services
19.0705	Geriatric Services	Gerontological Services
20.01	Consumer and Homemaking Home Economics	Consumer and Homemaking Education
20.0101	Comprehensive Consumer and Homemaking Home Economics	Comprehensive Consumer and Homemaking Education
20.0199	Consumer and Homemaking Home Economics, Other	Consumer and Homemaking Education, Other
24.0101	Liberal/General Studies	Liberal Arts and Sciences
46.04	Miscellaneous Construction Trades	Miscellaneous Construction Trades and Property Maintenance
46.0401	Building Maintenance	Building and Property Maintenance
46.0499	Miscellaneous Construction Trades, Other	Miscellaneous Construction Trades and Property Maintenance, Other
48.0205	Composition, Make-up and Typesetting	Typesetting, Make-up and Composition
48.0508	Welding, Brazing, and Soldering	Welding
49.0102	Airplane Piloting and Navigation	Airplane Piloting and Navigation (Commerical)
49.0302	Barge and Boat Operation	Barge and Boat Operations
49.0303	Commercial Fishing Operation	Commercial Fishing Operations



# Classification of Instructional Programs— 1985

## 01. AGRIBUSINESS AND AGRICULTURAL PRODUCTION

### 01.01 Agricultural Business and Management

- 01.0101 Agricultural Business and Management, General
- 01.0102 Agricultural Business
- 01.0103 Agricultural Economics
- 01.0104 Farm and Ranch Management
- 01.0199 Agricultural Business and Management, Other

### 01.02 Agricultural Mechanics

- 01.0201 Agricultural Mechanics, General
- 01.0202 Agricultural Electrification, Power, and Controls
- 01.0203 Agricultural Mechanics, Construction, and Maintenance Skills
- 01.0204 Agricultural Power Machinery
- 01.0205 Agricultural Structures, Equipment, and Facilities
- 01.0299 Soil and Water Mechanical Practices
- 01.0299 Agricultural Mechanics, Other

### 01.03 Agricultural Production

- 01.0301 Agricultural Production, General
- 01.0302 Animal Production
- 01.0303 Aquaculture
- 01.0304 Crop Production
- 01.0305 Game Farm Management
- 01.0399 Agricultural Production, Other

### 01.04 Agricultural Products and Processing

- 01.0401 Agricultural Products and Processing, General
- 01.0402 Food Products
- 01.0499 Agricultural Products and Processing, Other

### 01.05 Agricultural Services and Supplies

- 01.0501 Agricultural Services and Supplies, General
- 01.0502 Agricultural Services
- 01.0503 Agricultural Supplies Marketing
- 01.0504 Pet Grooming
- 01.0505 Animal Training
- 01.0506 Horseshoeing
- 01.0507 Horse Handling and Care
- 01.0599 Agricultural Services and Supplies, Other

### 01.06 Horticulture

- 01.0601 Horticulture, General
- 01.0602 Arboriculture
- 01.0603 Ornamental Horticulture
- 01.0604 Greenhouse Operation and Management
- 01.0605 Landscaping
- 01.0606 Nursery Operation and Management
- 01.0607 Turf Management
- 01.0699 Horticulture, Other

### 01.07 International Agriculture

- 01.0701 International Agriculture

### 01.99 Agribusiness and Agricultural Production, Other

- 01.9999 Agribusiness and Agricultural Production, Other

## 02. AGRICULTURAL SCIENCES

### 02.01 Agricultural Sciences, General

- 02.0101 Agricultural Sciences, General

### 02.02 Animal Sciences

- 02.0201 Animal Sciences, General

02.0202 Animal Breeding and Genetics

02.0203 Animal Health

02.0204 Animal Nutrition

02.0206 Dairy

02.0208 Livestock

02.0209 Poultry

02.0299 Animal Sciences, Other

### 02.03 Food Sciences

02.0301 Food Sciences

### 02.04 Plant Sciences

02.0401 Plant Sciences, General

02.0402 Agronomy

02.0403 Horticulture Science

02.0408 Plant Protection (Pest Management)

02.0409 Range Management

02.0499 Plant Sciences, Other

### 02.05 Soil Sciences

02.0501 Soil Sciences

### 02.99 Agricultural Sciences, Other

02.0299 Agricultural Sciences, Other

## 03. RENEWABLE NATURAL RESOURCES

### 03.01 Renewable Natural Resources, General

03.0101 Renewable Natural Resources, General

### 03.02 Conservation and Regulation

03.0201 Conservation and Regulation, General

03.0202 Conservation

03.0203 Resources Protection and Regulation

03.0299 Conservation and Regulation, Other

### 03.03 Fishing and Fisheries

03.0301 Fishing and Fisheries

Commercial Fishing Operations  
(see 49.0303)

### 03.04 Forestry Production and Processing

03.0401 Forestry Production and Processing, General

03.0402 Forest Production

03.0403 Forest Products Utilization

03.0404 Forest Products Processing Technology

03.0405 Logging

03.0499 Forestry Production and Processing, Other

### 03.05 Forestry and Related Sciences

03.0501 Forestry and Related Sciences, General

03.0502 Forestry Science

03.0504 Forest Engineering

03.0506 Forest Management

03.0509 Wood Science

03.0599 Forestry and Related Sciences, Other

### 03.06 Wildlife Management

03.0601 Wildlife Management

### 03.99 Renewable Natural Resources, Other

03.9999 Renewable Natural Resources, Other

## 04. ARCHITECTURE AND ENVIRONMENTAL DESIGN

### 04.01 Architecture and Environmental Design, General

04.0101 Architecture and Environmental Design, General

### 04.02 Architecture

04.0201 Architecture

### 04.03 City, Community, and Regional Planning

04.0301 City, Community, and Regional Planning

### 04.04 Environmental Design

04.0401 Environmental Design

- 04.05 Interior Design
  - 04.0501 Interior Design
- 04.06 Landscape Architecture
  - 04.0601 Landscape Architecture
- 04.07 Urban Design
  - 04.0701 Urban Design
- 04.08 Land Use Management and Reclamation
  - 04.0801 Land Use Management and Reclamation
- 04.99 Architecture and Environmental Design, Other
  - 04.9999 Architecture and Environmental Design, Other

## 05. AREA AND ETHNIC STUDIES

- 05.01 Area Studies
  - 05.0101 African Studies
  - 05.0102 American Studies
  - 05.0103 Asian Studies, General
  - 05.0104 East Asian Studies
  - 05.0105 Eastern European Studies
  - 05.0106 European Studies, General
  - 05.0107 Latin American Studies
  - 05.0108 Middle Eastern Studies
  - 05.0109 Pacific Area Studies
  - 05.0110 Russian and Slavic Studies
  - 05.0111 Scandinavian Studies
  - 05.0112 South Asian Studies
  - 05.0113 Southeast Asian Studies
  - 05.0114 Western European Studies
  - 05.0115 Canadian Studies
  - 05.0199 Area Studies, Other
- 05.02 Ethnic Studies
  - 05.0201 Afro-American (Black) Studies
  - 05.0202 American Indian Studies
  - 05.0203 Hispanic-American Studies
  - 05.0204 Islamic Studies
  - 05.0205 Jewish Studies
  - 05.0299 Ethnic Studies, Other
- 05.99 Area and Ethnic Studies, Other
  - 05.9999 Area and Ethnic Studies, Other

## 06. BUSINESS AND MANAGEMENT

- 06.01 Business and Management, General
  - 06.0101 Business and Management, General
- 06.02 Accounting
  - 06.0201 Accounting
- 06.03 Banking and Finance
  - 06.0301 Banking and Finance
- 06.04 Business Administration and Management
  - 06.0401 Business Administration and Management, General
  - 06.0402 Contract Management and Procurement/Purchasing
  - 06.0403 Product Management
  - 06.0499 Business Administration and Management, Other
- 06.05 Business Economics
  - 06.0501 Business Economics
- 06.06 Human Resources Development
  - 06.0601 Human Resources Development
- 06.07 Institutional Management
  - 06.0701 Hotel/Motel Management
  - 06.0702 Recreational Enterprises Management
  - 06.0703 Resort Management
  - 06.0704 Restaurant Management
  - 06.0705 Transportation Management

- 06.0799 Institutional Management, Other
- 06.08 Insurance and Risk Management
  - 06.0801 Insurance and Risk Management
- 06.09 International Business Management
  - 06.0901 International Business Management
- 06.10 Investments and Securities
  - 06.1001 Investments and Securities
- 06.11 Labor/Industrial Relations
  - 06.1101 Labor/Industrial Relations
- 06.12 Management Information Systems
  - 06.1201 Management Information Systems
- 06.13 Management Science
  - 06.1302 Operations Research (Quantitative Methods)
  - 06.1303 Management Science, General
  - 06.1399 Management Science, Other
- 06.14 Marketing Management and Research
  - 06.1401 Marketing Management
  - 06.1402 Marketing Research
  - 06.1499 Marketing Management and Research, Other
- 06.15 Organizational Behavior
  - 06.1501 Organizational Behavior
- 06.16 Personnel Management
  - 06.1601 Personnel Management
- 06.17 Real Estate
  - 06.1701 Real Estate
- 06.18 Small Business Management and Ownership
  - 06.1801 Small Business Management and Ownership
- 06.19 Taxation
  - 06.1901 Taxation
- 06.20 Trade and Industrial Supervision and Management
  - 06.2001 Trade and Industrial Supervision and Management
- 06.21 Computer Installation Management
  - 06.2101 Computer Installation Management
- 06.99 Business and Management, Other
  - 06.9999 Business and Management, Other

## 07. BUSINESS (ADMINISTRATIVE SUPPORT)

- 07.01 Accounting, Bookkeeping, and Related Programs
  - 07.0101 Accounting, Bookkeeping, and Related Programs, General
  - 07.0102 Accounting and Computing
  - 07.0103 Bookkeeping
  - 07.0104 Machine Billing, Bookkeeping, and Computing
  - 07.0199 Accounting, Bookkeeping, and Related Programs, Other
- 07.02 Banking and Related Financial Programs
  - 07.0201 Banking and Related Financial Programs, General
  - 07.0203 Insurance Clerk
  - 07.0205 Teller
  - 07.0299 Banking and Related Financial Programs, Other
- 07.03 Business Data Processing and Related Programs
  - 07.0301 Business Data Processing and Related Programs, General
  - 07.0302 Business Computer and Console Operation
  - 07.0303 Business Data Entry Equipment Operation
  - 07.0304 Business Data Peripheral Equipment Operation
  - 07.0305 Business Data Programming

- 07.0306 Business Systems Analysis
- 07.0399 Business Data Processing and Related Programs. Other
- 07.04 Office Supervision and Management
  - 07.0401 Office Supervision and Management
- 07.05 Personnel and Training Programs
  - 07.0501 Personnel and Training Programs. General
  - 07.0502 Training Assisting
  - 07.0503 Personnel Assisting
  - 07.0599 Personnel and Training Programs. Other
- 07.06 Secretarial and Related Programs
  - 07.0601 Secretarial and Related Programs. General
  - 07.0602 Court Reporting
  - 07.0603 Executive Secretarial
  - 07.0604 Legal Secretarial
  - 07.0605 Medical Secretarial
  - 07.0606 Secretarial
  - 07.0607 Stenographic
  - 07.0699 Secretarial and Related Programs. Other
- 07.07 Typing, General Office, and Related Programs
  - 07.0701 Typing, General Office, and Related Programs. General
  - 07.0702 Clerk-Typist
  - 07.0703 Correspondence Clerk
  - 07.0704 Duplicating Machine Operation
  - 07.0705 General Office Clerk
  - 07.0707 Receptionist and Communication Systems Operation
  - 07.0708 Shipping, Receiving, and Stock Clerk
  - 07.0709 Traffic, Rate, and Transportation Clerk
  - 07.0799 Typing, General Office, and Related Programs. Other
- 07.08 Word Processing
  - 07.0801 Word Processing
- 07.99 Business (Administrative Support), Other
  - 07.9999 Business (Administrative Support), Other

## 08. MARKETING AND DISTRIBUTION

- 08.01 Apparel and Accessories Marketing
  - 08.0101 Apparel and Accessories Marketing. General
  - 08.0102 Fashion Merchandising
  - 08.0103 Fashion Modeling
  - 08.0104 Footwear Marketing
  - 08.0105 Jewelry Marketing
  - 08.0199 Apparel and Accessories Marketing. Other
- 08.02 Business and Personal Services Marketing
  - 08.0201 Business and Personal Services Marketing. General
    - Advertising (see 09.0201)
  - 08.0202 Display
  - 08.0203 Marketing of Business or Personal Services
  - 08.0299 Business and Personal Services Marketing. Other
- 08.03 Entrepreneurship
  - 08.0301 Entrepreneurship
    - Small Business Management and Ownership (see 06.1801)
- 08.04 Financial Services Marketing
  - 08.0401 Financial Services Marketing
- 08.05 Floristry, Farm and Garden Supplies Marketing
  - 08.0501 Floristry, Farm and Garden Supplies Marketing. General
    - Farm and Garden Supplies Marketing
  - 08.0502 Floristry
  - 08.0503 Floristry
  - 08.0599 Floristry, Farm and Garden Supplies Marketing. Other

- 08.06 Food Marketing
  - 08.0601 Food Marketing. General
    - Convenience Store Marketing
    - Specialty Foods Marketing
    - Supermarket Marketing
    - Wholesale Food Marketing
  - 08.0699 Food Marketing. Other
- 08.07 General Marketing
  - 08.0701 Auctioneering
  - 08.0702 Industrial Sales
  - 08.0703 International Marketing
    - Marketing Management (see 06.1401)
    - Marketing Research (see 06.1402)
  - 08.0704 Purchasing
  - 08.0705 Retailing
  - 08.0706 Sales
    - Wholesaling
  - 08.0708 Marketing. General
    - General Marketing. Other
  - 08.0799 General Marketing. Other
- 08.08 Home and Office Products Marketing
  - 08.0801 Home and Office Products Marketing. General
    - Appliance Marketing
    - Building Materials Marketing
    - Furniture Marketing
    - Hardware Marketing
    - Office Products and Equipment Marketing
    - Specialty Home Furnishings Marketing
  - 08.0899 Home and Office Products Marketing. Other
- 08.09 Hospitality and Recreation Marketing
  - 08.0901 Hospitality and Recreation Marketing. General
    - Hotel/Motel Management (see 06.0701)
    - Marketing of Hotel/Motel Services
    - Marketing of Recreational Services
      - Recreational Enterprises Management (see 06.0702)
    - Recreational Products Marketing
      - Resort Management (see 06.0703)
      - Restaurant Management (see 06.0704)
    - Water/Waitress and Related Services
  - 08.0999 Hospitality and Recreation Marketing. Other
- 08.10 Insurance Marketing
  - 08.1001 Insurance Marketing
- Real Estate (see 06.17)
  - Real Estate (see 06.1701)
- 08.11 Transportation and Travel Marketing
  - 08.1101 Transportation and Travel Marketing. General
    - Transportation Marketing
    - Tourism
      - Transportation Management (see 06.0705)
    - Travel Services Marketing
    - Warehouse Services Marketing
  - 08.1199 Transportation and Travel Marketing. Other
- 08.12 Vehicles and Petroleum Marketing
  - 08.1201 Vehicles and Petroleum Marketing. General
    - Automotive Vehicles and Accessories Marketing
    - Petroleum Wholesaling
    - Recreational Vehicles and Accessories Marketing
    - Service Station Retailing
    - Vehicle Rental and Leasing
  - 08.1299 Vehicles and Petroleum Marketing. Other
- 08.99 Marketing and Distribution, Other
  - 08.9999 Marketing and Distribution. Other

- 09. COMMUNICATIONS**
- 09.01 **Communications, General**
  - 09.0101 Communications, General
- 09.02 **Advertising**
  - 09.0201 Advertising
- 09.03 **Communications Research**
  - 09.0301 Communications Research
- 09.04 **Journalism (Mass Communications)**
  - 09.0401 Journalism (Mass Communications)
- 09.05 **Public Relations**
  - 09.0501 Public Relations
- 09.06 **Radio/Television News Broadcasting**
  - 09.0601 Radio/Television News Broadcasting
- 09.07 **Radio/Television, General**
  - 09.0701 Radio/Television, General
- 09.08 **Telecommunications**
  - 09.0801 Telecommunications
- 09.99 **Communications, Other**
  - 09.9999 Communications, Other

## 10. COMMUNICATIONS TECHNOLOGIES

- 10.01 **Communications Technologies**
  - 10.0101 Educational Media Technology
  - 10.0102 Motion Picture Technology
  - 10.0103 Photographic Technology
  - 10.0104 Radio and Television Production and Broadcasting Technology
  - 10.0105 Sound Recording Technology
  - 10.0106 Video Technology
  - 10.0199 Communications Technologies, Other

## 11. COMPUTER AND INFORMATION SCIENCES

- 11.01 **Computer and Information Sciences, General**
  - 11.0101 Computer and Information Sciences, General
- 11.02 **Computer Programming**
  - 11.0201 Computer Programming
- 11.03 **Data Processing**
  - 11.0301 Data Processing
- 11.04 **Information Sciences and Systems**
  - 11.0401 Information Sciences and Systems
- 11.05 **Systems Analysis**
  - 11.0501 Systems Analysis
- 11.06 **Microcomputer Applications**
  - 11.0601 Microcomputer Applications
- 11.99 **Computer and Information Sciences, Other**
  - 11.9999 Computer and Information Sciences, Other

## 12. CONSUMER, PERSONAL AND MISCELLANEOUS SERVICES

- 12.01 **Drycleaning and Laundering Services**
  - 12.0101 Drycleaning and Laundering Services
- 12.02 **Entertainment Services**
  - 12.0202 Bartending
  - 12.0203 Card Dealing
  - 12.0204 Umpiring
  - 12.0299 Entertainment Services, Other
- 12.03 **Funeral Services**
  - 12.0301 Funeral Services
- 12.04 **Personal Services**
  - 12.0401 Personal Services, General
  - 12.0402 Barbering/Hairstyling
  - 12.0403 Cosmetology

- 12.0404 Electrolysis
- 12.0405 Massage
- 12.0406 Make-up Artistry
- 12.0499 Personal Services, Other
- 12.99 **Consumer, Personal, and Miscellaneous Services, Other**
  - 12.9999 Consumer, Personal and Miscellaneous Services, Other

## 13. EDUCATION

- 13.01 **Education, General**
  - 13.0101 Education, General
- 13.02 **Bilingual/Crosscultural Education**
  - 13.0201 Bilingual/Crosscultural Education
  - 13.0202 Bilingual Education Assisting
  - 13.0299 Bilingual/Crosscultural Education, Other
- 13.03 **Curriculum and Instruction**
  - 13.0301 Curriculum and Instruction
- 13.04 **Education Administration**
  - 13.0401 Education Administration, General
  - 13.0402 Administration of Special Education
  - 13.0403 Adult and Continuing Education Administration
  - 13.0404 Educational Supervision
  - 13.0405 Elementary and Secondary Education Administration
  - 13.0406 Higher Education Administration
  - 13.0407 Community College Education Administration
  - 13.0499 Education Administration, Other
- 13.05 **Educational Media**
  - 13.0501 Educational Media
- 13.06 **Evaluation and Research**
  - 13.0601 Evaluation and Research, General
  - 13.0603 Educational Statistics and Research
  - 13.0604 Educational Testing, Evaluation, and Measurement
  - 13.0605 Elementary and Secondary Research
  - 13.0606 Higher Education Research
  - 13.0699 Evaluation and Research, Other
- 13.07 **International and Comparative Education**
  - 13.0701 International and Comparative Education
- 13.08 **School Psychology**
  - 13.0801 School Psychology
- 13.09 **Social Foundations**
  - 13.0901 Social Foundations
- 13.10 **Special Education**
  - 13.1001 Special Education, General
  - 13.1002 Education of the Culturally Disadvantaged
  - 13.1003 Education of the Deaf and Hearing Impaired
  - 13.1004 Education of the Gifted and Talented
  - 13.1005 Education of the Emotionally Handicapped
  - 13.1006 Education of the Mentally Handicapped
  - 13.1007 Education of the Multiple Handicapped
  - 13.1008 Education of the Physically Handicapped
  - 13.1009 Education of the Visually Handicapped
  - 13.1010 Remedial Education
  - 13.1011 Specific Learning Disabilities
  - 13.1012 Speech Correction
  - 13.1099 Special Education, Other
- 13.11 **Student Counseling and Personnel Services**
  - 13.1101 Student Counseling and Personnel Services
- 13.12 **Teacher Education, General Programs**
  - 13.1201 Adult and Continuing Education
  - 13.1202 Elementary Education

- 13.1203 Junior High/Middle School Education
- 13.1204 Pre-Elementary Education
- 13.1205 Secondary Education
- 13.1299 Teacher Education, General Programs, Other
- 13.13 Teacher Education, Specific Subject Areas
  - 13.1301 Agricultural Education
  - 13.1302 Art Education
  - 13.1303 Business Education
  - 13.1304 Driver and Safety Education
  - 13.1305 English Education
  - 13.1306 Foreign Languages Education
  - 13.1307 Health Education
  - 13.1308 Home Economics Education
  - 13.1309 Industrial Arts Education
  - 13.1310 Marketing and Distributive Education
  - 13.1311 Mathematics Education
  - 13.1312 Music Education
  - 13.1313 Nutritional Education
  - 13.1314 Physical Education
  - 13.1315 Reading Education
  - 13.1316 Science Education
  - 13.1317 Social Science Education
  - 13.1318 Social Studies Education
  - 13.1319 Technical Education
  - 13.1320 Trade and Industrial Education
  - 13.1321 Computer Education
  - 13.1399 Teacher Education, Specific Subject Areas, Other
- 13.14 Teaching English as a Second Language/Foreign Language
  - 13.1401 Teaching English as a Second Language/Foreign Language
- 13.15 Teacher Assisting
  - 13.1501 Teacher Assisting
- 13.99 Education, Other
  - 13.9999 Education, Other

## 14. ENGINEERING

- 14.01 Engineering, General
  - 14.0101 Engineering, General
- 14.02 Aerospace, Aeronautical, and Astronautical Engineering
  - 14.0201 Aerospace, Aeronautical, and Astronautical Engineering
- 14.03 Agricultural Engineering
  - 14.0301 Agricultural Engineering
- 14.04 Architectural Engineering
  - 14.0401 Architectural Engineering
- 14.05 Bioengineering and Biomedical Engineering
  - 14.0501 Bioengineering and Biomedical Engineering
- 14.06 Ceramic Engineering
  - 14.0601 Ceramic Engineering
- 14.07 Chemical Engineering
  - 14.0701 Chemical Engineering
- 14.08 Civil Engineering
  - 14.0801 Civil Engineering
- 14.09 Computer Engineering
  - 14.0901 Computer Engineering
- 14.10 Electrical, Electronics, and Communications Engineering
  - 14.1001 Electrical, Electronics, and Communications Engineering
  - 14.1002 Microelectronic Engineering
- 14.11 Engineering Mechanics

- 14.1101 Engineering Mechanics
  - 14.12 Engineering Physics
    - 14.1201 Engineering Physics
  - 14.13 Engineering Science
    - 14.1301 Engineering Science
  - 14.14 Environmental Health Engineering
    - 14.1401 Environmental Health Engineering
  - 14.15 Geological Engineering
    - 14.1501 Geological Engineering
  - 14.16 Geophysical Engineering
    - 14.1601 Geophysical Engineering
  - 14.17 Industrial Engineering
    - 14.1701 Industrial Engineering
  - 14.18 Materials Engineering
    - 14.1801 Materials Engineering
  - 14.19 Mechanical Engineering
    - 14.1901 Mechanical Engineering
  - 14.20 Metallurgical Engineering
    - 14.2001 Metallurgical Engineering
  - 14.21 Mining and Mineral Engineering
    - 14.2101 Mining and Mineral Engineering
  - 14.22 Naval Architecture and Marine Engineering
    - 14.2201 Naval Architecture and Marine Engineering
  - 14.23 Nuclear Engineering
    - 14.2301 Nuclear Engineering
  - 14.24 Ocean Engineering
    - 14.2401 Ocean Engineering
  - 14.25 Petroleum Engineering
    - 14.2501 Petroleum Engineering
  - 14.26 Surveying and Mapping Sciences
    - 14.2601 Surveying and Mapping Sciences
    - 14.2602 Cartography
  - 14.27 Systems Engineering
    - 14.2701 Systems Engineering
  - 14.28 Textile Engineering
    - 14.2801 Textile Engineering
  - 14.99 Engineering, Other
    - 14.9999 Engineering, Other
- ## 15. ENGINEERING AND ENGINEERING RELATED TECHNOLOGIES
- 15.01 Architectural Technologies
    - 15.0101 Architectural Design and Construction Technology
    - 15.0102 Architectural Interior Design Technology
    - 15.0199 Architectural Technologies, Other
  - 15.02 Civil Technologies
    - 15.0201 Civil Technology
    - 15.0202 Drafting and Design Technology
    - 15.0203 Surveying and Mapping Technology
    - 15.0204 Urban Planning Technology
    - 15.0299 Civil Technologies, Other
  - 15.03 Electrical and Electronic Technologies
    - 15.0301 Computer Technology
    - 15.0302 Electrical Technology
    - 15.0303 Electronic Technology
    - 15.0304 Laser Electro-Optic Technology
    - 15.0399 Electrical and Electronic Technologies, Other
  - 15.04 Electromechanical Instrumentation and Maintenance Technologies
    - 15.0401 Biomedical Equipment Technology
    - 15.0402 Computer Servicing Technology
    - 15.0403 Electromechanical Technology



- 15.0404 Instrumentation Technology
- 15.0405 Robotics Technology
- 15.0499 Electromechanical Instrumentation and Maintenance Technologies, Other
- 15.05 Environmental Control Technologies**
  - 15.0501 Air Conditioning, Heating, and Refrigeration Technology
  - 15.0502 Air Pollution Control Technology
  - 15.0503 Energy Conservation and Use Technology
  - 15.0504 Sanitation Technology
  - 15.0505 Solar Heating and Cooling Technology
  - 15.0506 Water and Wastewater Technology
  - 15.0599 Environmental Control Technologies, Other
- 15.06 Industrial Production Technologies**
  - 15.0602 Food Processing Technology
  - 15.0603 Industrial Technology
  - 15.0606 Optical Technology
  - 15.0607 Plastic Technology
  - 15.0609 Textile Technology
  - 15.0610 Welding Technology
  - 15.0699 Industrial Production Technologies, Other
- 15.07 Quality Control and Safety Technologies**
  - 15.0701 Occupational Safety and Health Technology
  - 15.0702 Quality Control Technology
  - 15.0799 Quality Control and Safety Technologies, Other
- 15.08 Mechanical and Related Technologies**
  - 15.0801 Aeronautical Technology
  - 15.0803 Automotive Technology
  - 15.0804 Marine Propulsion Technology
  - 15.0805 Mechanical Design Technology
  - 15.0899 Mechanical and Related Technologies, Other
- 15.09 Mining and Petroleum Technologies**
  - 15.0901 Coal Mining Technology
  - 15.0902 Mining (Excluding Coal) Technology
  - 15.0903 Petroleum Technology
  - 15.0999 Mining and Related Technologies, Other
- 15.10 Construction Technology**
  - 15.1001 Construction Technology
- 15.99 Engineering and Engineering-Related Technologies, Other**
  - 15.9999 Engineering and Engineering-Related Technologies, Other
- 16. FOREIGN LANGUAGES**
  - 16.01 Foreign Languages, Multiple Emphasis**
    - 16.0101 Foreign Languages, Multiple Emphasis
  - 16.02 African (Non-Semitic) Languages**
    - 16.0201 African (Non-Semitic) Languages
  - 16.03 Asiatic Languages**
    - 16.0301 Chinese
    - 16.0302 Japanese
    - 16.0399 Asiatic Languages, Other
  - 16.04 Balto-Slavic Languages**
    - 16.0402 Russian
    - 16.0403 Slavic Languages (Other than Russian)
    - 16.0499 Balto-Slavic Languages, Other
  - 16.05 Germanic Languages**
    - 16.0501 German
    - 16.0502 Scandinavian Languages
    - 16.0599 Germanic Languages, Other
  - 16.06 Greek**
    - 16.0601 Greek (Classical)

- 16.07 Indic Languages**
  - 16.0703 Indic Languages
- 16.09 Italic Languages**
  - 16.0901 French
  - 16.0902 Italian
  - 16.0903 Latin
  - 16.0904 Portuguese
  - 16.0905 Spanish
  - 16.0999 Italic Languages, Other
- 16.10 Native American Languages**
  - 16.1001 Native American Languages
- 16.11 Semitic Languages**
  - 16.1101 Arabic
  - 16.1102 Hebrew
  - 16.1199 Semitic Languages, Other
- 16.99 Foreign Languages, Other**
  - 16.9999 Foreign Languages, Other
- 17. ALLIED HEALTH**
  - 17.01 Dental Services**
    - 17.0101 Dental Assisting
    - 17.0102 Dental Hygiene
    - 17.0103 Dental Laboratory Technology
    - 17.0199 Dental Services, Other
  - 17.02 Diagnostic and Treatment Services**
    - 17.0201 Cardiovascular Technology
    - 17.0202 Dialysis Technology
    - 17.0203 Electrocardiograph Technology
    - 17.0204 Electroencephalograph Technology
    - 17.0205 Emergency Medical Technology-Ambulance
    - 17.0206 Emergency Medical Technology-Paramedic
    - 17.0207 Medical Radiation Dosimetry
    - 17.0208 Nuclear Medical Technology
    - 17.0209 Radiologic (Medical) Technology
    - 17.0210 Respiratory Therapy Technology
    - 17.0211 Surgical Technology
    - 17.0212 Diagnostic Medical Sonography
    - 17.0299 Diagnostic and Treatment Services, Other
  - 17.03 Medical Laboratory Technologies**
    - 17.0301 Blood Bank Technology
    - 17.0302 Chemistry Technology
    - 17.0303 Clinical Animal Technology
    - 17.0304 Clinical Laboratory Aide
    - 17.0305 Clinical Laboratory Assisting
    - 17.0306 Cytotechnology
    - 17.0307 Hematology Technology
    - 17.0308 Histologic Technology
    - 17.0309 Medical Laboratory Technology
    - 17.0310 Medical Technology
    - 17.0311 Microbiology Technology
    - 17.0399 Medical Laboratory Technologies, Other
  - 17.04 Mental Health/Human Services**
    - 17.0401 Alcohol/Drug Abuse Specialty
    - 17.0402 Community Health Work
    - 17.0404 Home Health Aide
    - Medical Social Work (see 44.0702)
    - 17.0405 Mental Health/Human Services Assisting
    - 17.0406 Mental Health/Human Services Technology
    - 17.0407 Rehabilitation Counseling
    - 17.0408 Therapeutic Child Care Work
    - 17.0409 Population and Family Planning
    - 17.0410 Sign Language Interpreting
    - 17.0499 Mental Health/Human Services, Other
  - 17.05 Miscellaneous Allied Health Services**
    - 17.0502 Central Supply Technology
    - 17.0503 Medical Assisting
    - 17.0504 Medical Illustrating



- 17.0505 Medical Office Management
- 17.0506 Medical Records Technology
- 17.0507 Pharmacy Assisting
- 17.0508 Physician Assisting
- 17.0510 Podiatric Assisting
- 17.0512 Veterinarian Assisting
- 17.0513 Health Unit Coordinating
- 17.0514 Chiropractic Assisting
- 17.0599 Miscellaneous Allied Health Services, Other
- 17.06 Nursing-Related Services
  - 17.0601 Geriatric Aide
  - 17.0602 Nursing Assisting
  - 17.0605 Practical Nursing
  - 17.0606 Health Unit Management
  - 17.0699 Nursing-Related Services, Other
- 17.07 Ophthalmic Services
  - 17.0701 Ophthalmic Dispensing
  - 17.0705 Optometric Technology
  - 17.0799 Ophthalmic Services, Other
- 17.08 Rehabilitation Services
  - 17.0801 Art Therapy
  - 17.0802 Corrective Therapy
  - 17.0803 Dance Therapy
  - 17.0804 Exercise Physiology
  - 17.0806 Music Therapy
  - 17.0807 Occupational Therapy
  - 17.0808 Occupational Therapy Assisting
  - 17.0809 Occupational Therapy Aide
  - 17.0811 Orthotics/Prosthetics
  - 17.0812 Orthopedic Assisting
  - 17.0813 Physical Therapy
  - 17.0814 Physical Therapy Aide
  - 17.0815 Physical Therapy Assisting
  - 17.0816 Recreational Therapy
  - 17.0817 Recreational Therapy Assisting
  - 17.0818 Respiratory Therapy
  - 17.0819 Respiratory Therapy Assisting
  - 17.0820 Speech/Hearing Therapy Aide
  - 17.0822 Recreational Therapy Aide
  - 17.0899 Rehabilitation Services, Other
- 17.99 Allied Health, Other
  - 17.9999 Allied Health, Other

## 18. HEALTH SCIENCES

- 18.01 Audiology and Speech Pathology
  - 18.0101 Audiology
  - 18.0102 Speech Pathology
  - 18.0103 Speech-Language Pathology/Audiology
  - 18.0199 Audiology and Speech Pathology, Other
- 18.02 Basic Clinical Health Sciences
  - 18.0201 Clinical Anatomy
  - 18.0202 Clinical Biochemistry
  - 18.0203 Clinical Microbiology
  - 18.0204 Clinical Pathology
  - 18.0205 Clinical Physiology
  - 18.0206 Clinical Toxicology
  - 18.0299 Basic Clinical Health Sciences, Other
- 18.03 Chiropractic
  - 18.0301 Chiropractic
- 18.04 Dentistry
  - 18.0401 Dentistry, General
  - 18.0402 Dental Public Health
  - 18.0403 Endodontics
  - 18.0404 Oral/Maxial Facial Surgery
  - 18.0405 Oral Pathology
  - 18.0406 Orthodontics

- 18.0407 Pedodontics
- 18.0408 Periodontics
- 18.0409 Prosthodontics
- 18.0499 Dentistry, Other
- 18.07 Health Services Administration
  - 18.0701 Health Services Administration
  - 18.0702 Health Care Planning
  - 18.0703 Medical Records Administration
  - 18.0799 Health Services Administration, Other
- 18.09 Medical Laboratory
  - 18.0901 Medical Laboratory
- 18.10 Medicine
  - 18.1001 Medicine, General
  - 18.1002 Allergies and Endomology
  - 18.1003 Anesthesiology
  - 18.1004 Colon and Rectal Surgery
  - 18.1005 Dermatology
  - 18.1006 Emergency Medicine
  - 18.1007 Family Practice
  - 18.1008 Geriatrics
  - 18.1009 Immunology
  - 18.1010 Internal Medicine
  - 18.1011 Neurological Surgery
  - 18.1012 Nuclear Medicine
  - 18.1013 Obstetrics and Gynecology
  - 18.1014 Ophthalmology
  - 18.1015 Orthodontic Surgery
  - 18.1016 Orthopedic
  - 18.1017 Otorhinolaryngology/Otolaryngology
  - 18.1018 Pathology
  - 18.1019 Pediatrics
  - 18.1020 Physical Medicine and Rehabilitation
  - 18.1021 Plastic Surgery
  - 18.1022 Preventive Medicine
  - 18.1023 Psychiatry
  - 18.1024 Neurology
  - 18.1025 Radiology
  - 18.1026 Surgery
  - 18.1027 Thoracic Surgery
  - 18.1028 Urology
  - 18.1029 Hematology
  - 18.1030 Sports Medicine
  - 18.1099 Medicine, Other
- 18.11 Nursing
  - 18.1101 Nursing, General
  - 18.1102 Anesthetist
  - 18.1103 Maternal/Child Health
  - 18.1104 Medical Surgical
  - 18.1105 Nursing Administration
  - 18.1106 Psychiatric/Mental Health
  - 18.1107 Public Health
  - 18.1199 Nursing, Other
- 18.12 Optometry
  - 18.1201 Optometry
- 18.13 Osteopathic Medicine
  - 18.1301 Osteopathic Medicine
- 18.14 Pharmacy
  - 18.1401 Pharmacy
- 18.15 Podiatry
  - 18.1501 Podiatry
- 18.17 Pre-Dentistry
  - 18.1701 Pre-Dentistry
- 18.18 Pre-Medicine
  - 18.1801 Pre-Medicine
- 18.19 Pre-Pharmacy
  - 18.1901 Pre-Pharmacy

- 18.20 Pre-Veterinary
  - 18.2001 Pre-Veterinary
- 18.22 Public Health
  - 18.2201 Public Health Laboratory Science
  - 18.2202 Epidemiology
  - 18.2203 Public Health Education
  - 18.2204 Public Health Practice and Management
  - 18.2299 Public Health, Other
- 18.24 Veterinary Medicine
  - 18.2401 Veterinary Medicine
- 18.99 Health Sciences, Other
  - 18.9999 Health Sciences, Other

## 19. HOME ECONOMICS

- 19.01 Home Economics, General
  - 19.0101 Home Economics, General
- 19.02 Business Home Economics
  - 19.0201 Business Home Economics
- 19.03 Family and Community Services
  - 19.0301 Family and Community Services
- 19.04 Family/Consumer Resource Management
  - 19.0401 Family/Consumer Resource Management, General
  - 19.0402 Consumer Science
  - Home Management (see 20.0109)
  - 19.0499 Family/Consumer Resource Management, Other
- 19.05 Food Sciences and Human Nutrition
  - 19.0501 Food Sciences and Human Nutrition, General
  - 19.0502 Food/Food Sciences
  - 19.0503 Dietetics/Human Nutritional Services
  - 19.0599 Food Sciences and Human Nutrition, Other
- 19.06 Human Environment and Housing
  - 19.0601 Human Environment and Housing, General
  - 19.0602 Household Equipment
  - 19.0603 Housing
  - Interior Design (see 04.0501)
  - 19.0699 Human Environment and Housing, Other
- 19.07 Individual and Family Development
  - 19.0701 Individual and Family Development, General
  - Child Development, Care, and Guidance (see 20.0102)
  - 19.0703 Family Counseling
  - 19.0704 Family Relations
  - 19.0705 Gerontological Services
  - 19.0799 Individual and Family Development, Other
- 19.09 Textiles and Clothing
  - 19.0901 Textiles and Clothing, General
  - 19.0902 Fashion Design
  - 19.0904 Textile Science
  - 19.0999 Textiles and Clothing, Other
- 19.99 Home Economics, Other
  - 19.9999 Home Economics, Other

## 20. VOCATIONAL HOME ECONOMICS

- 20.01 Consumer and Homemaking Education
  - 20.0101 Comprehensive Consumer and Homemaking Education
  - 20.0102 Child Development, Care, and Guidance
  - 20.0103 Clothing and Textiles
  - 20.0104 Consumer Education
  - 20.0105 Exploratory Homemaking
  - 20.0106 Family/Individual Health
  - 20.0107 Family Living and Parenthood
  - 20.0108 Food and Nutrition

- 20.0109 Home Management
- 20.0110 Housing, Home Furnishings, and Equipment
- 20.0199 Consumer and Homemaking Education, Other
- 20.02 Child Care and Guidance Management and Services
  - 20.0201 Child Care and Guidance Management and Services, General
  - 20.0202 Child Care Aide/Assisting
  - 20.0203 Child Care Management
  - 20.0204 Foster Care/Family Care
  - 20.0299 Child Care and Guidance Management and Services, Other
- 20.03 Clothing, Apparel, and Textiles Management, Production, and Services
  - 20.0301 Clothing, Apparel, and Textiles Management, Production, and Services, General
  - 20.0302 Clothing Maintenance Aide
  - 20.0303 Commercial Garment and Apparel Construction
  - 20.0304 Custom Apparel/Garment Seamstress
  - 20.0305 Custom Tailoring and Alteration
  - 20.0306 Fashion/Fabric Coordination
  - 20.0308 Wedding/Specialty Consulting
  - 20.0399 Clothing, Apparel, and Textiles Management, Production, and Services, Other
- 20.04 Food Production, Management and Services
  - 20.0401 Food Production, Management, and Services, General
  - 20.0402 Baking
  - 20.0403 Chef/Cook
  - 20.0404 Dietetic Aide/Assisting
  - 20.0405 Food Catering
  - 20.0406 Food Service
  - 20.0408 School Food Service
  - 20.0499 Food Production, Management, and Services, Other
- 20.05 Home Furnishings and Equipment Management, Production, and Services
  - 20.0501 Home Furnishings and Equipment Management, Production, and Services, General
  - 20.0502 Custom Drapery and Window Treatment Design/Making
  - 20.0503 Custom Slipcovering and Upholstering
  - 20.0504 Floral Design
  - 20.0505 Home Decorating
  - 20.0506 Home Furnishings Aide
  - 20.0507 Home-Service Assisting
  - 20.0599 Home Furnishings and Equipment Management, Production, and Services, Other
- 20.06 Institutional, Home Management, and Supporting Services
  - 20.0601 Institutional, Home Management, and Supporting Services, General
  - 20.0602 Companion to the Aged
  - 20.0603 Consumer Aide/Assisting
  - 20.0604 Custodial Services
  - 20.0605 Executive Housekeeping
  - 20.0606 Homemaker's Aide
  - 20.0699 Institutional, Home Management, and Supporting Services, Other
- 20.99 Vocational Home Economics, Other
  - 20.9999 Vocational Home Economics, Other

## 21. INDUSTRIAL ARTS

- 21.01 Industrial Arts
  - 21.0101 Industrial Arts, General
  - 21.0102 Construction
  - 21.0103 Drafting and Design

21.0104 Electricity/Electronics  
 21.0105 Energy, Power, and Transportation  
 21.0106 Graphic Arts  
 21.0107 Manufacturing/Materials Processing  
 21.0199 Industrial Arts, Other

## 22. LAW

22.01 Law  
 22.0101 Law  
 22.0102 Pre-Law  
 22.0103 Legal Assisting  
 22.0199 Law, Other

## 23. LETTERS

23.01 English, General  
 23.0101 English, General  
 23.02 Classics  
 23.0201 Classics  
 23.03 Comparative Literature  
 23.0301 Comparative Literature  
 23.04 Composition  
 23.0401 Composition  
 23.05 Creative Writing  
 23.0501 Creative Writing  
 23.06 Linguistics (Includes Phonetics, Semantics, and  
 Philology)  
 23.0601 Linguistics (Includes Phonetics, Semantics,  
 and Philology)  
 23.07 Literature, American  
 23.0701 Literature, American  
 23.08 Literature, English  
 23.0801 Literature, English  
 23.10 Speech, Debate, and Forensics  
 23.1001 Speech, Debate, and Forensics  
 23.11 Technical and Business Writing  
 23.1101 Technical and Business Writing  
 23.12 English as a Second Language  
 23.1201 English as a Second Language  
 23.99 Letters, Other  
 23.9999 Letters, Other

## 24. LIBERAL/GENERAL STUDIES

24.01 Liberal/General Studies  
 24.0101 Liberal Arts and Sciences  
 24.0102 General Studies  
 24.0199 Liberal/General Studies, Other

## 25. LIBRARY AND ARCHIVAL SCIENCES

25.01 Library and Archival Sciences, General  
 25.0101 Library and Archival Sciences, General  
 25.02 Archival Science  
 25.0201 Archival Science  
 25.03 Library Assisting  
 25.0301 Library Assisting  
 25.04 Library Science  
 25.0401 Library Science  
 25.05 Museology  
 25.0501 Museology  
 25.99 Library and Archival Sciences, Other  
 25.9999 Library and Archival Sciences, Other

## 26. LIFE SCIENCES

26.01 Biology, General  
 26.0101 Biology, General

26.02 Biochemistry and Biophysics  
 26.0201 Biochemistry and Biophysics

26.03 Botany  
 26.0301 Botany, General  
 26.0302 Bacteriology  
 26.0304 Plant Genetics  
 26.0305 Plant Pathology  
 26.0307 Plant Physiology  
 26.0399 Botany, Other

26.04 Cell and Molecular Biology  
 26.0401 Cell Biology  
 26.0402 Molecular Biology  
 26.0499 Cell and Molecular Biology, Other

26.05 Microbiology  
 26.0501 Microbiology

26.06 Miscellaneous Specialized Areas, Life Sciences  
 26.0601 Anatomy  
 26.0602 Biometrics and Biostatistics  
 26.0603 Ecology  
 26.0604 Embryology  
 26.0605 Endocrinology  
 26.0606 Histology  
 26.0607 Marine Biology  
 26.0608 Neuroscience  
 26.0609 Nutritional Sciences  
 26.0610 Parasitology  
 26.0611 Radiobiology  
 26.0612 Toxicology  
 26.0699 Miscellaneous Specialized Areas, Life  
 Sciences, Other

26.07 Zoology  
 26.0701 Zoology, General  
 26.0702 Entomology  
 26.0703 Genetics, Human and Animal  
 26.0704 Pathology, Human and Animal  
 26.0705 Pharmacology, Human and Animal  
 26.0706 Physiology, Human and Animal  
 26.0799 Zoology, Other

26.99 Life Sciences, Other  
 26.9999 Life Sciences, Other

## 27. MATHEMATICS

27.01 Mathematics, General  
 27.0101 Mathematics, General  
 27.02 Actuarial Sciences  
 27.0201 Actuarial Sciences  
 27.03 Applied Mathematics  
 27.0301 Applied Mathematics  
 27.04 Pure Mathematics  
 27.0401 Pure Mathematics  
 27.05 Statistics  
 27.0501 Statistics  
 27.99 Mathematics, Other  
 27.9999 Mathematics, Other

## 28. MILITARY SCIENCES

28.01 Aerospace Science (Air Force)  
 28.0101 Aerospace Science (Air Force)  
 28.02 Coast Guard Science  
 28.0201 Coast Guard Science  
 28.03 Military Science (Army)  
 28.0301 Military Science (Army)  
 28.04 Naval Science (Navy, Marines)  
 28.0401 Naval Science (Navy, Marines)

- 28.05 Maritime Science (Merchant Marine)
- 28.0501 Maritime Science (Merchant Marine)
- 28.99 Military Sciences, Other
- 28.9999 Military Sciences, Other

## 29. MILITARY TECHNOLOGIES

- 29.01 Military Technologies
- 29.0101 Military Technologies
- 29.99 Military Technologies, Other
- 29.9999 Military Technologies, Other

## 30. MULTI/INTERDISCIPLINARY STUDIES

- 30.01 Biological and Physical Sciences
- 30.0101 Biological and Physical Sciences
- 30.02 Clinical Pastoral Care
- 30.0201 Clinical Pastoral Care
- 30.03 Engineering and Other Disciplines
- 30.0301 Engineering and Other Disciplines
- 30.04 Humanities and Social Sciences
- 30.0401 Humanities and Social Sciences
- 30.05 Peace Studies
- 30.0501 Peace Studies
- 30.06 Systems Science
- 30.0601 Systems Science
- 30.07 Women's Studies
- 30.0701 Women's Studies
- 30.08 Mathematics and Computer Science
- 30.0801 Mathematics and Computer Science
- 30.09 Imaging Science
- 30.0901 Imaging Science
- 30.99 Multi/Interdisciplinary Studies, Other
- 30.9999 Multi/Interdisciplinary Studies, Other

## 31. PARKS AND RECREATION

- 31.01 Parks and Recreation, General
- 31.0101 Parks and Recreation, General
- 31.02 Outdoor Recreation
- 31.0201 Outdoor Recreation
- 31.03 Parks and Recreation Management
- 31.0301 Parks and Recreation Management
- 31.04 Water Resources
- 31.0401 Water Resources
- 31.99 Parks and Recreation, Other
- 31.9999 Parks and Recreation, Other

## 32. BASIC SKILLS

- 32.01 Basic Skills
- 32.0101 Basic Skills, General
- 32.0102 Academic and Intellectual Skills
- 32.0103 Communication Skills
- 32.0104 Computational Skills
- 32.0105 Job Seeking/Changing Skills
- 32.0106 Motor Skills
- 32.0107 Career Exploration
- 32.0199 Basic Skills, Other

## 33. CITIZENSHIP/CIVIC ACTIVITIES

- 33.01 Citizenship/Civic Activities
- 33.0101 Citizenship/Civic Activities, General
- 33.0102 American Citizenship
- 33.0103 Civic Appreciation
- 33.0104 Civic Participation

- 33.0199 Citizenship/Civic Activities, Other

## 34. HEALTH-RELATED ACTIVITIES

- 34.01 Health-Related Activities
- 34.0101 Health-Related Activities, General
- 34.0102 Birth-Related Health Practices
- 34.0103 Health Enhancement Practices
- 34.0104 Health Treatment/Prevention Practices
- 34.0199 Health-Related Activities, Other

## 35. INTERPERSONAL SKILLS

- 35.01 Interpersonal Skills
- 35.0101 Interpersonal Skills, General
- 35.0102 Building Human Relationships
- 35.0103 Perception of Others
- 35.0104 Social Role Engineering
- 35.0199 Interpersonal Skills, Other

## 36. LEISURE AND RECREATIONAL ACTIVITIES

- 36.01 Leisure and Recreational Activities
- 36.0101 Leisure and Recreational Activities, General
- 36.0102 Crafts (Leisure and Recreational)
- 36.0103 Games
- 36.0104 Hobbies
- 36.0105 Housing/Home Maintenance
- 36.0106 Nature Appreciation
- 36.0107 Pet Care
- 36.0108 Sports/Physical Education
- 36.0109 Travel
- 36.0199 Leisure and Recreational Activities, Other

## 37. PERSONAL AWARENESS

- 37.01 Personal Awareness
- 37.0101 Personal Awareness, General
- 37.0102 Coping Skills
- 37.0103 Personal Decisionmaking
- 37.0104 Self-Perception
- 37.0105 Values, Attitudes, and Beliefs
- 37.0199 Personal Awareness, Other

## 38. PHILOSOPHY AND RELIGION

- 38.01 Philosophy
- 38.0101 Philosophy
- 38.02 Religion
- 38.0201 Religion
- 38.99 Philosophy and Religion, Other
- 38.9999 Philosophy and Religion, Other

## 39. THEOLOGY

- 39.01 Biblical Languages
- 39.0101 Biblical Languages
- 39.02 Bible Studies
- 39.0201 Bible Studies
- 39.03 Missionary Studies
- 39.0301 Missionary Studies
- 39.04 Religious Education
- 39.0401 Religious Education
- 39.05 Religious Music
- 39.0501 Religious Music
- 39.06 Theological Studies
- 39.0601 Theological Studies
- 39.99 Theology, Other
- 39.9999 Theology, Other

## 40. PHYSICAL SCIENCES

- 40.01 Physical Sciences, General
  - 40.0101 Physical Sciences, General
- 40.02 Astronomy
  - 40.0201 Astronomy
- 40.03 Astrophysics
  - 40.0301 Astrophysics
- 40.04 Atmospheric Sciences and Meteorology
  - 40.0401 Atmospheric Sciences and Meteorology
- 40.05 Chemistry
  - 40.0501 Chemistry, General
  - 40.0502 Analytical Chemistry
  - 40.0503 Inorganic Chemistry
  - 40.0504 Organic Chemistry
  - 40.0505 Pharmaceutical Chemistry
  - 40.0506 Physical Chemistry
  - 40.0599 Chemistry, Other
- 40.06 Geological Sciences
  - 40.0601 Geology
  - 40.0602 Geochemistry
  - 40.0603 Geophysics and Seismology
  - 40.0604 Paleontology
  - 40.0699 Geological Sciences, Other
- 40.07 Miscellaneous Physical Sciences
  - 40.0701 Metallurgy
  - 40.0702 Oceanography
  - 40.0703 Earth Science
  - 40.0799 Miscellaneous Physical Sciences, Other
- 40.08 Physics
  - 40.0801 Physics, General
  - 40.0802 Atomic/Molecular Physics
  - 40.0806 Nuclear Physics
  - 40.0807 Optics
  - 40.0808 Solid State Physics
  - 40.0899 Physics, Other
- 40.09 Planetary Science
  - 40.0901 Planetary Science
- 40.99 Physical Sciences, Other
  - 40.9999 Physical Sciences, Other

## 41. SCIENCE TECHNOLOGIES

- 41.01 Biological Technologies
  - 41.0101 Biological Laboratory Technology
  - 41.0102 Oceanographic (Biological) Technology
  - 41.0199 Biological Technologies, Other
- 41.02 Nuclear Technologies
  - 41.0201 Nuclear Materials Handling Technology
  - 41.0202 Nuclear Power Plant Operation Technology
  - 41.0203 Nuclear Power Plant Radiation Control Technology
  - 41.0204 Radiologic (Physical) Technology
  - 41.0299 Nuclear Technologies, Other
- 41.03 Physical Science Technologies
  - 41.0301 Chemical Technology
  - 41.0302 Geological Technology
  - 41.0303 Metallurgical Technology
  - 41.0304 Meteorological Technology
  - 41.0305 Oceanographic (Physical) Technology
  - 41.0399 Physical Science Technologies, Other
- 41.99 Science Technologies, Other
  - 41.9999 Science Technologies, Other

## 42. PSYCHOLOGY

- 42.01 Psychology, General

- 42.0101 Psychology, General
- 42.02 Clinical Psychology
  - 42.0201 Clinical Psychology
- 42.03 Cognitive Psychology
  - 43.0301 Cognitive Psychology
- 42.04 Community Psychology
  - 42.0401 Community Psychology
- 42.05 Comparative Psychology
  - 42.0501 Comparative Psychology
- 42.06 Counseling Psychology
  - 42.0601 Counseling Psychology
- 42.07 Developmental Psychology
  - 42.0701 Developmental Psychology
- 42.08 Experimental Psychology
  - 42.0801 Experimental Psychology
- 42.09 Industrial and Organizational Psychology
  - 42.0901 Industrial and Organizational Psychology
- 42.10 Personality Psychology
  - 42.1001 Personality Psychology
- 42.11 Physiological Psychology
  - 42.1101 Physiological Psychology
- 42.12 Psycholinguistics
  - 42.1201 Psycholinguistics
- 42.13 Psychometrics
  - 42.1301 Psychometrics
- 42.14 Psychopharmacology
  - 42.1401 Psychopharmacology
- 42.15 Quantitative Psychology
  - 42.1501 Quantitative Psychology
- 42.16 Social Psychology
  - 42.1601 Social Psychology
- 42.99 Psychology, Other
  - 42.9999 Psychology, Other

## 43. PROTECTIVE SERVICES

- 43.01 Criminal Justice
  - 43.0101 Correctional Administration
  - 43.0102 Corrections
  - 43.0103 Criminal Justice Administration
  - 43.0104 Criminal Justice Studies
  - 43.0105 Criminal Justice Technology
  - 43.0106 Forensic Studies
  - 43.0107 Law Enforcement
  - 43.0108 Law Enforcement Administration
  - 43.0109 Security Services
  - 43.0199 Criminal Justice, Other
- 43.02 Fire Protection
  - 43.0201 Fire Control and Safety Technology
  - 43.0202 Fire Protection Administration
  - 43.0203 Firefighting
  - 43.0299 Fire Protection, Other
- 43.99 Protective Services, Other
  - 43.9999 Protective Services, Other

## 44. PUBLIC AFFAIRS

- 44.01 Public Affairs, General
  - 44.0101 Public Affairs, General
- 44.02 Community Services
  - 44.0201 Community Services
- 44.03 International Public Service
  - 44.0301 International Public Service
- 44.04 Public Administration
  - 44.0401 Public Administration



**44.05 Public Policy Studies**  
 44.0501 Public Policy Studies  
**44.06 Public Works**  
 44.0601 Public Sanitation  
 44.0602 Public Transportation  
 44.0603 Public Utilities  
 44.0699 Public Works, Other  
**44.07 Social Work**  
 44.0701 Social Work, General  
 44.0702 Medical Social Work  
 44.0799 Social Work, Other  
**44.99 Public Affairs, Other**  
 44.9999 Public Affairs, Other  
**45. SOCIAL SCIENCES**  
**45.01 Social Sciences, General**  
 45.0101 Social Sciences, General  
**45.02 Anthropology**  
 45.0201 Anthropology  
**45.03 Archeology**  
 45.0301 Archeology  
 45.0302 Archeological Technology  
**45.04 Criminology**  
 45.0401 Criminology  
**45.05 Demography**  
 45.0501 Demography  
**45.06 Economics**  
 45.0601 Economics  
**45.07 Geography**  
 45.0701 Geography  
**45.08 History**  
 45.0801 History  
**45.09 International Relations**  
 45.0901 International Relations  
**45.10 Political Science and Government**  
 45.1001 Political Science and Government  
**45.11 Sociology**  
 45.1101 Sociology  
**45.12 Urban Studies**  
 45.1201 Urban Studies  
**45.99 Social Sciences, Other**  
 45.9999 Social Sciences, Other  
**46. CONSTRUCTION TRADES**  
**46.01 Brickmasonry, Stonemasonry, and Tile Setting**  
 46.0101 Brickmasonry, Stonemasonry, and Tile Setting, General  
 46.0102 Brickmasonry, Block, and Stonemasonry  
 46.0103 Tile Setting  
 46.0199 Brickmasonry, Stonemasonry, and Tile Setting, Other  
**46.02 Carpentry**  
 46.0201 Carpentry  
**46.03 Electrical and Power Transmission Installation**  
 46.0301 Electrical and Power Transmission Installation, General  
 46.0302 Electrician  
 46.0303 Lineworker  
 46.0399 Electrical and Power Transmission Installation, Other  
**46.04 Miscellaneous Construction Trades and Property Maintenance**  
 46.0401 Building and Property Maintenance  
 46.0402 Concrete Paving and Finishing

46.0403 Construction Inspection  
 46.0404 Drywall Installation  
 46.0405 Floor Covering Installation  
 46.0406 Glazing  
 46.0407 Insulation Installation  
 46.0408 Painting and Decorating  
 46.0409 Plastering  
 46.0410 Roofing  
 46.0499 Miscellaneous Construction Trades and Property Maintenance, Other  
**46.05 Plumbing, Pipefitting, and Steamfitting**  
 46.0501 Plumbing, Pipefitting, and Steamfitting, General  
 46.0502 Pipefitting and Steamfitting  
 46.0503 Plumbing  
 46.0599 Plumbing, Pipefitting, and Steamfitting, Other  
**46.99 Construction Trades, Other**  
 46.9999 Construction Trades, Other  
**47. MECHANICS AND REPAIRERS**  
**47.01 Electrical and Electronics Equipment Repair**  
 47.0101 Electrical and Electronics Equipment Repair, General  
 47.0102 Business Machine Repair  
 47.0103 Communication Electronics  
 47.0104 Computer Electronics  
 47.0105 Industrial Electronics  
 47.0106 Major Appliance Repair  
 47.0107 Motor Repair  
 47.0108 Small Appliance Repair  
 47.0109 Vending and Recreational Machine Repair  
 47.0199 Electrical and Electronics Equipment Repair, Other  
**47.02 Heating, Air Conditioning, and Refrigeration Mechanics**  
 47.0201 Heating, Air Conditioning, and Refrigeration Mechanics, General  
 47.0202 Cooling and Refrigeration  
 47.0203 Heating and Air Conditioning  
 47.0299 Heating, Air Conditioning, and Refrigeration Mechanics, Other  
**47.03 Industrial Equipment Maintenance and Repair**  
 47.0301 Industrial Equipment Maintenance and Repair, General  
 47.0302 Heavy Equipment Maintenance and Repair  
 47.0303 Industrial Equipment Maintenance and Repair  
 47.0304 Mine Equipment Maintenance and Repair  
 47.0305 Oil and Gas Drilling Equipment Operation and Maintenance  
 47.0399 Industrial Equipment Maintenance and Repair, Other  
**47.04 Miscellaneous Mechanics and Repairers**  
 47.0401 Electromechanical, Hydraulic, and Pneumatic Instrument Repair  
 47.0402 Gunsmithing  
 47.0403 Locksmithing and Safe Repair  
 47.0404 Musical Instrument Repair  
 47.0405 Operation, Maintenance, and Repair of Audio-Visual Equipment  
 47.0407 Sporting Goods Equipment Repair  
 47.0408 Watch Repair  
 47.0499 Miscellaneous Mechanics and Repairers, Other  
**47.05 Stationary Energy Sources**  
 47.0501 Stationary Energy Sources, General  
 47.0502 Conventional Electrical Power Generation  
 47.0504 Pumping Plants  
 47.0599 Stationary Energy Sources, Other

- 47.06 Vehicle and Mobile Equipment Mechanics and Repairers
  - 47.0601 Vehicle and Mobile Equipment Mechanics and Repairers, General
  - 47.0603 Automotive Body Repair
  - 47.0604 Automotive Mechanics
  - 47.0605 Diesel Engine Mechanics
  - 47.0606 Small Engine Repair
  - 47.0607 Aircraft Mechanics, Airframe
  - 47.0608 Aircraft Mechanics, Powerplant
  - 47.0699 Vehicle and Mobile Equipment Mechanics and Repairers, Other
- 47.99 Mechanics and Repairers, Other
  - 47.9999 Mechanics and Repairers, Other
- 48. PRECISION PRODUCTION
  - 48.01 Drafting
    - 48.0101 Drafting, General
    - 48.0102 Architectural Drafting
    - 48.0103 Civil/Structural Drafting
    - 48.0104 Electrical/Electronics Drafting
    - 48.0105 Mechanical Drafting
    - 48.0199 Drafting, Other
  - 48.02 Graphic and Printing Communications
    - 48.0201 Graphic and Printing Communications, General
    - 48.0202 Bookbinding
    - 48.0203 Commercial Art
    - 48.0204 Commercial Photography
    - 48.0205 Typesetting, Make-up, and Composition
    - 48.0206 Lithography, Photography, and Platemaking
    - 48.0207 Photographic Laboratory and Darkroom
    - 48.0208 Printing Press Operations
    - 48.0209 Silk Screen Making and Printing
    - 48.0210 Photoengraving
    - 48.0299 Graphic and Printing Communications, Other
  - 48.03 Leatherworking and Upholstering
    - 48.0301 Leatherworking and Upholstery, General
    - 48.0302 Saddlemaking and Repair
    - 48.0303 Upholstering
    - 48.0304 Shoe and Boot Repair
    - 48.0399 Leatherworking and Upholstering, Other
  - 48.04 Precision Food Production
    - 48.0401 Precision Food Production, General
      - Chef/Cook (see 20.0403)
    - 48.0402 Meatcutting
    - 48.0403 Slaughtering and Butchering
    - 48.0499 Precision Food Production, Other
  - 48.05 Precision Metal Work
    - 48.0501 Precision Metal Work, General
    - 48.0502 Foundry Work
    - 48.0503 Machine Tool Operation/Machine Shop
    - 48.0504 Metal Fabrication
    - 48.0505 Metal Patternmaking
    - 48.0506 Sheet Metal
    - 48.0507 Tool and Die Making
    - 48.0508 Welding
    - 48.0599 Precision Metal Work, Other
  - 48.06 Precision Work, Assorted Materials
    - Commercial Garment and Apparel Construction (see 20.0303)
    - 48.0601 Industrial Ceramics Manufacturing
    - 48.0602 Jewelry Design, Fabrication, and Repair
    - 48.0604 Plastics
    - 48.0699 Precision Work, Assorted Materials, Other
  - 48.07 Woodworking

- 48.0701 Woodworking, General
- 48.0702 Furniture Making
- 48.0703 Millwork and Cabinet Making
- 48.0799 Woodworking, Other
- 48.99 Precision Production, Other
  - 48.9999 Precision Production, Other
- 49. TRANSPORTATION AND MATERIAL MOVING
  - 49.01 Air Transportation
    - 49.0101 Air Transportation, General
    - 49.0102 Airplane Piloting and Navigation (Commercial)
    - 49.0104 Aviation Management
    - 49.0105 Air Traffic Control
    - 49.0106 Flight Attendants
    - 49.0107 Airplane Piloting (Private)
    - 49.0199 Air Transportation, Other
  - 49.02 Vehicle and Equipment Operation
    - 49.0201 Vehicle and Equipment Operation, General
    - 49.0202 Construction Equipment Operation
    - 49.0203 Material Handling
    - 49.0204 Mining Equipment Operation
    - 49.0205 Truck and Bus Driving
    - 49.0299 Vehicle and Equipment Operation, Other
  - 49.03 Water Transportation
    - 49.0301 Water Transportation, General
    - 49.0302 Barge and Boat Operations
    - 49.0303 Commercial Fishing Operations
    - 49.0304 Deep Water Diving and Life Support Systems
    - 49.0305 Marine Operations
    - 49.0306 Marine Maintenance
    - 49.0308 Sailors and Deckhands
    - 49.0399 Water Transportation, Other
  - 49.99 Transportation and Material Moving, Other
    - 49.9999 Transportation and Material Moving, Other
- 50. VISUAL AND PERFORMING ARTS
  - 50.01 Visual and Performing Arts, General
    - 50.0101 Visual and Performing Arts, General
  - 50.02 Crafts
    - 50.0201 Crafts, General
    - 50.0202 Ceramics
    - 50.0204 Fiber/Textiles/Weaving
    - 50.0205 Glass
    - 50.0206 Metal/Jewelry
    - 50.0299 Crafts, Other
  - 50.03 Dance
    - 50.0301 Dance
  - 50.04 Design
    - 50.0401 Design, General
      - Environmental Design (see 04.0401)
      - Fashion Design (see 19.0902)
    - 50.0402 Graphic Design
    - 50.0403 Illustration Design
    - 50.0404 Industrial Design
      - Interior Design (see 04.0501)
      - Medical Illustrating (see 17.0504)
    - 50.0405 Theater Design
    - 50.0499 Design, Other
  - 50.05 Dramatic Arts
    - 50.0501 Dramatic Arts
  - 50.06 Film Arts
    - 50.0601 Film Arts, General



- 50.0602 Cinematography/Film
- 50.0603 Film Animation
- 50.0604 Holography
- 50.0605 Photography
- 50.0606 Video
- 50.0699 Film Arts, Other
- 50.07 Fine Arts
  - 50.0701 Fine Arts, General
  - 50.0702 Art Conservation
  - 50.0703 Art History and Appreciation
  - 50.0704 Arts Management
  - 50.0705 Drawing
  - 50.0706 Intermedia
  - 50.0708 Painting
  - 50.0709 Sculpture
  - 50.0710 Printmaking
  - 50.0799 Fine Arts, Other
- 50.08 Music
  - 50.0901 Music, General
  - 50.0902 Music History and Appreciation
  - 50.0903 Music Performance
  - 50.0904 Music Theory and Composition
  - 50.0999 Music, Other
- 50.99 Visual and Performing Arts, Other
  - 50.9999 Visual and Performing Arts, Other