

**Classification of  
Instructional Programs  
(CIP)  
1990 Version**

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July 1999

## Preface

The Classification of Instructional Programs (CIP) codes printed in this booklet are for your use in answering questions asked through the Integrated Postsecondary Education Data System (IPEDS) surveys. Three specific IPEDS surveys, Institutional Characteristics (IC), Completions (C), and Enrollment in Occupationally Specific Programs (EP - collected in odd-numbered years) request information on enrollments and completions for programs offered in your institution. This booklet contains the revised "1990" CIP program titles and six-digit codes some of which may have changed from prior versions. Descriptions of each program are published in the Classification of Instructional Programs, 1990 Edition. Copies may be ordered by contacting the Government Printing Office at (202) 783-3238 and requesting stock number 065-000-00461-5. There is a \$17.00 charge which may be paid by Visa/Mastercard over the phone. As an additional service to data providers, a diskette version of the manual may be obtained from the National Center for Education Statistics. The diskette also includes a crosswalk from the old CIP codes to the new ones. To obtain the diskette, format a 5.25" high density diskette at 1.2MB or a 3.5" diskette at 1.44MB and mail it with a short note requesting the 1990 CIP manual to:

National Center for Education Statistics  
Postsecondary Education Statistics Division  
555 New Jersey Avenue, NW  
Washington, D.C. 20208-5652

The information you provide is extremely important for your institution. For example, the National Center for Education Statistics, the sponsor of the Integrated Postsecondary Education Data System, receives numerous phone calls requesting the names and addresses of institutions with particular programs. The information is also placed in State Occupational Information Coordinating Committee (SOICC) data bases to provide potential students with the names and addresses of institutions with particular programs. Thus, it is important to be as accurate as possible.

## Instructions

To help you locate new codes and simplify the transition, we have expanded this booklet to include alphabetical lists of all program titles (Chapter 1) and only occupationally specific programs (Chapter 2). The remainder of the booklet lists codes by numerical sequence (Chapter 3). Nonetheless, it may be difficult locating some programs. Listed below are some of the more common program titles used in prior versions of CIP along with the new program titles and CIP codes.

Old Program Title	1990 Program Title	1990 Code
Accounting and Computing	Accounting Technician	52.0302
Accounting, Bookkeeping, and Related Pgms.	Accounting Technician	52.0302
Executive Secretarial	Executive Assistant/Secretary	52.0402
Medical Secretarial	Medical Administrative Assistant/Secretary	52.0404
Microcomputer Applications	Computer and Information Sciences, Other	11.9999
Personal Services, Other	Cosmetic Services, Other	12.0499
Secretarial and Related Pgms., Gen.	Administrative Assistant/Secretarial Science	52.0401
Typing, General Office, and Related Pgms.	General Office/Clerical and Typing Services	52.0408
Word Processing	Administrative Assistant/Secretarial Science	52.0401

Most other program titles can be found in the alphabetical listings. However, if you can't find an appropriate program title and code, simply write down your program title and we will assign the appropriate code. If enough survey respondents identify a common title, we will add the title to future editions of the CIP manual and this booklet.

Thank you in advance for your cooperation.

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01. Agricultural Business and Production. . . . .	12
02. Agricultural Sciences. . . . .	12
03. Conservation and Renewable Natural Resources. . . . .	12
04. Architecture and Related Programs. . . . .	13
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08. Marketing Operations/Marketing and Distribution. . . . .	13
09. Communications. . . . .	14
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11. Computer and Information Sciences. . . . .	14
12. Personal and Miscellaneous Services. . . . .	15
13. Education. . . . .	15
14. Engineering. . . . .	16
15. Engineering-Related Technologies. . . . .	17
16. Foreign Languages and Literatures. . . . .	17
19. Home Economics, General. . . . .	18
20. Vocational Home Economics. . . . .	18
22. Law and Legal Studies. . . . .	19
23. English Language and Literature/Letters. . . . .	19
24. Liberal Arts and Sciences, General Studies and Humanities. . . . .	19
25. Library Science. . . . .	19
26. Biological Sciences/Life Sciences. . . . .	19
27. Mathematics. . . . .	20
29. Military Technologies. . . . .	20
30. Multi/Interdisciplinary Studies. . . . .	20
31. Parks, Recreation, Leisure, and Fitness Studies. . . . .	20
38. Philosophy and Religion. . . . .	21
39. Theological Studies and Religious Vocations. . . . .	21
40. Physical Sciences. . . . .	21
41. Science Technologies. . . . .	22
42. Psychology. . . . .	22
43. Protective Services. . . . .	22
44. Public Administration and Services. . . . .	22
45. Social Sciences and History. . . . .	23
46. Construction Trades. . . . .	23
47. Mechanics and Repairers. . . . .	23
48. Precision Production Trades. . . . .	24
49. Transportation and Materials Moving Workers. . . . .	24
50. Visual and Performing Arts. . . . .	24
51. Health Professions and Related Sciences. . . . .	25
52. Business Management and Administrative Services. . . . .	27

CHAPTER 1 - ALPHABETICAL LIST OF ALL PROGRAM TITLES - 1990

52.0301	Accounting	08.0101	Apparel and Accessories Marketing Operations, Gen.
52.0399	Accounting, Other	08.0199	Apparel and Accessories Marketing Operations, Other
52.0302	Accounting Technician	45.0602	Applied and Resource Economics
40.0809	Acoustics	27.0301	Applied Mathematics, General
50.0503	Acting and Directing	27.0399	Applied Mathematics, Other
52.0802	Actuarial Science	01.0303	Aquaculture Operations and Production Management
51.2701	Acupuncture and Oriental Medicine	16.1101	Arabic Language and Literature
31.0502	Adapted Physical Education/Therapeutic Recreation	45.0301	Archeology
13.0402	Administration of Special Education	48.0102	Architectural Drafting
52.0499	Administrative and Secretarial Services, Other	14.0401	Architectural Engineering
52.0401	Administrative Assistant/Secretarial Science, Gen.	15.0101	Architectural Engineering Technology/Technician
13.0403	Adult and Continuing Education Administration	04.0401	Architectural Environmental Design
13.1201	Adult and Continuing Teacher Education	04.0701	Architectural Urban Design and Planning
09.0201	Advertising	04.0201	Architecture
15.0801	Aeronaut. and Aerospace Engineering Technol./Techni.	04.9999	Architecture and Related Programs, Other
14.0201	Aerospace, Aeronaut., and Astronautical Engineering	05.9999	Area, Ethnic, and Cultural Studies, Other
05.0101	African Studies	05.0199	Area Studies, Other
05.0201	Afro-American (Black) Studies	50.0701	Art, General
01.0401	Agricultural & Food Prod. Processing Oper. & Mgmt.	50.0703	Art History, Criticism and Conservation
02.0202	Agricultural Animal Breeding and Genetics	13.1302	Art Teacher Education
02.0203	Agricultural Animal Health	51.2301	Art Therapy
01.0302	Agricultural Animal Husbandry and Prod. Management	50.0704	Arts Management
02.0204	Agricultural Animal Nutrition	05.0206	Asian-American Studies
02.0205	Agricultural Animal Physiology	05.0103	Asian Studies
01.0102	Agricultural Business/Agribusiness Operations	40.0201	Astronomy
01.0101	Agricultural Business and Management, General	40.0301	Astrophysics
01.0199	Agricultural Business and Management, Other	31.0503	Athletic Training and Sports Medicine
01.9999	Agricultural Business and Production, Other	40.0401	Atmospheric Sciences and Meteorology
01.0103	Agricultural Economics	08.0701	Auctioneering
14.0301	Agricultural Engineering	51.0202	Audiology/Hearing Sciences
02.0102	Agricultural Extension	47.0603	Auto/Automotive Body Repairer
01.0201	Agricultural Mechanization, General	47.0604	Auto/Automotive Mechanic/Technician
01.0299	Agricultural Mechanization, Other	15.0803	Automotive Engineering Technology/Technician
02.0406	Agricultural Plant Pathology	49.0101	Aviation and Airway Science
02.0407	Agricultural Plant Physiology	49.0104	Aviation Management
01.0204	Agricultural Power Machinery Operator	47.0609	Aviation Sys. and Avionics Maint. Technol./Techni.
01.0301	Agricultural Production Workers and Managers, Gen.	12.0501	Baker/Pastry Chef
01.0399	Agricultural Production Workers and Managers, Other	52.0803	Banking and Financial Support Services
01.0599	Agricultural Supplies and Related Services, Other	12.0402	Barber/Hairstylist
01.0501	Agricultural Supplies Retailing and Wholesaling	12.0502	Bartender/Mixologist
13.1301	Agricultural Teacher Education (Vocational)	51.1399	Basic Medical Sciences, Other
02.0101	Agriculture/Agricultural Sciences, General	39.0201	Bible/Biblical Studies
02.9999	Agriculture/Agricultural Sciences, Other	39.0101	Biblical and Other Theological Languages and Lit.
02.0402	Agronomy and Crop Science	47.0610	Bicycle Mechanic and Repairer
49.0105	Air Traffic Controller	13.0201	Bilingual/Bicultural Education
49.0199	Air Transportation Workers, Other	26.0202	Biochemistry
47.0607	Aircraft Mechanic/Technician, Airframe	14.0501	Bioengineering and Biomedical Engineering
47.0608	Aircraft Mechanic/Technician, Powerplant	30.0101	Biological and Physical Sciences
49.0107	Aircraft Pilot (Private)	26.0618	Biological Immunology
49.0102	Aircraft Pilot and Navigator (Professional)	26.9999	Biological Sciences/Life Sciences, Other
51.1501	Alcohol/Drug Abuse Counseling	41.0101	Biological Technology/Technician
45.0802	American (United States) History	26.0101	Biology, General
45.1002	American Government and Politics	13.1322	Biology Teacher Education
05.0202	American Indian/Native American Studies	15.0401	Biomedical Engineering-Related Technol./Techni.
23.0701	American Literature (United States)	26.0614	Biometrics
05.0102	American Studies/Civilization	26.0203	Biophysics
40.0502	Analytical Chemistry	30.1001	Biopsychology
26.0601	Anatomy	26.0615	Biostatistics
02.0201	Animal Sciences, General	26.0616	Biotechnology Research
02.0299	Animal Sciences, Other	51.1001	Blood Bank Technology/Technician
01.0505	Animal Trainer	26.0301	Botany, General
45.0201	Anthropology	26.0399	Botany, Other

09.0402	Broadcast Journalism	10.0199	Communications Technology/Technician, Other
39.0605	Buddhist Studies	13.0407	Community and Junior College Administration
46.0401	Building/Property Maintenance and Manager	51.0301	Community Health Liaison
52.0201	Business Administration and Management, General	44.0201	Community Organization, Resources, and Services
52.0299	Business Administration and Management, Other	42.0401	Community Psychology
08.0299	Business & Personal Svcs. Marketing Operations, Oth.	23.0301	Comparative Literature
52.0501	Business Communications	11.0101	Computer and Information Sciences, General
52.1205	Business Computer Facilities Operator	11.9999	Computer and Information Sciences, Other
52.1202	Business Computer Programming/Programmer	14.0901	Computer Engineering
52.0101	Business, General	15.0301	Computer Engineering Technology/Technician
19.0201	Business Home Economics	47.0104	Computer Installer and Repairer
52.1299	Business Info. & Data Processing Services, Other	15.0402	Computer Maintenance Technology/Technician
47.0102	Business Machine Repairer	11.0201	Computer Programming
52.9999	Business Management & Administrative Services, Oth.	11.0701	Computer Science
52.0601	Business/Managerial Economics	11.0501	Computer Systems Analysis
52.1401	Business Marketing and Marketing Management	13.1321	Computer Teacher Education
52.1399	Business Quantitative Methods & Mgmt. Science, Oth.	48.0211	Computer Typography & Composition Equip. Operator
08.0204	Business Services Marketing Operations	03.9999	Conservation and Renewable Natural Resources, Other
52.1302	Business Statistics	46.0499	Construction & Building Finishers and Managers, Other
52.1203	Business Systems Analysis and Design	46.0403	Construction/Building Inspector
52.1204	Business Systems Networking and Telecommunicatns	15.1001	Construction/Building Technology/Technician
13.1303	Business Teacher Education (Vocational)	49.0202	Construction Equipment Operator
48.0703	Cabinet Maker and Millworker	46.9999	Construction Trades, Other
05.0115	Canadian Studies	19.0402	Consumer Economics and Science
12.0203	Card Dealer	43.0102	Corrections/Correctional Administration
51.0901	Cardiovascular Technology/Technician	12.0401	Cosmetic Services, General
46.0201	Carpenter	12.0499	Cosmetic Services, Other
45.0702	Cartography	12.0403	Cosmetologist
26.0499	Cell and Molecular Biology, Other	42.0601	Counseling Psychology
26.0401	Cell Biology	13.1101	Counselor Education Counseling & Guidance Services
14.0601	Ceramic Sciences and Engineering	52.0405	Court Reporter
50.0711	Ceramics Arts and Ceramics	50.0201	Crafts, Folk Art, and Artisanry
40.0802	Chemical and Atomic/Molecular Physics	43.0199	Criminal Justice and Corrections, Other
14.0701	Chemical Engineering	43.0103	Criminal Justice/Law Enforcement Administration
41.0301	Chemical Technology/Technician	43.0104	Criminal Justice Studies
40.0501	Chemistry, General	45.0401	Criminology
40.0599	Chemistry, Other	01.0304	Crop Production Operations and Management
13.1323	Chemistry Teacher Education	12.0599	Culinary Arts and Related Services, Other
20.0201	Child Care and Guidance Workers and Managers, Gen.	12.0503	Culinary Arts/Chef Training
20.0299	Child Care and Guidance Workers and Managers, Oth.	13.0301	Curriculum and Instruction
20.0202	Child Care Provider/Assistant	20.0601	Cust., Hsekeeping, & Home Svcs Wkrs & Mngrs, Gen.
20.0203	Child Care Services Manager	20.0699	Cust., Hsekeeping, & Home Svcs Wkrs & Mngrs, Oth.
19.0706	Child Growth, Care, and Development Studies	20.0604	Custodian/Caretaker
16.0301	Chinese Language and Literature	20.0305	Custom Tailor
51.0101	Chiropractic (D.C., D.C.M.)	51.1002	Cytotechnologist
04.0301	City/Urban, Community, and Regional Planning	02.0206	Dairy Science
15.0201	Civil Engineering/Civil Technology/Technician	50.0301	Dance
14.0801	Civil Engineering, General	51.2302	Dance Therapy
14.0899	Civil Engineering, Other	11.0301	Data Processing Technology/Technician
48.0103	Civil/Structural Drafting	45.0501	Demography/Population Studies
16.1299	Classical & Ancient Near Eastern Lang. & Lit., Other	51.0601	Dental Assistant
16.1201	Classics and Classical Languages and Literatures	51.0501	Dent. Clinical Sci/Graduate Dentistry (M.S., Ph.D.)
51.1503	Clinical and Medical Social Work	51.0602	Dental Hygienist
42.0201	Clinical Psychology	51.0603	Dental Laboratory Technician
19.0901	Clothing/Apparel and Textile Studies	51.0699	Dental Services, Other
20.0301	Clothing, Apparel, & Textile Wkrs & Managers, Gen.	51.0401	Dentistry (D.D.S., D.M.D.)
20.0399	Clothing, Apparel, & Textile Wkrs & Managers, Other	50.0499	Design and Applied Arts, Other
42.0301	Cognitive Psychology and Psycholinguistics	50.0401	Design and Visual Communications
13.1102	College/Postsecondary Stud. Counseling & Pers. Svcs	48.0212	Desktop Publishing Equipment Operator
20.0303	Commercial Garment and Apparel Worker	45.0604	Development Economics and Internat'l Development
50.0406	Commercial Photography	42.0701	Developmental and Child Psychology
51.0201	Communication Disorders, General	51.0910	Diagnostic Medical Sonography
51.0299	Communication Disorders Sciences and Services, Oth.	47.0605	Diesel Engine Mechanic and Repairer
47.0103	Communication Systems Installer and Repairer	19.0503	Dietetics/Human Nutritional Services
09.0101	Communications, General	20.0404	Dietician Assistant
09.9999	Communications, Other	49.0304	Diver (Professional)

39.0602	Divinity/Ministry (B.D., M.Div.)	14.1201	Engineering Physics
48.0101	Drafting, General	15.1101	Engineering-Related Technol./Technician, Gen.
48.0199	Drafting, Other	15.9999	Engineering-Related Technol./Technician, Oth.
13.1324	Drama and Dance Teacher Education	14.1301	Engineering Science
50.0501	Drama/Theater Arts, General	23.0401	English Composition
50.0505	Drama/Theater Literature, History, and Criticism	23.0501	English Creative Writing
50.0599	Dramatic/Theater Arts and Stagecraft, Other	23.0101	English Language and Literature, General
50.0705	Drawing	23.9999	English Language and Literature/Letters, Other
13.1304	Driver and Safety Teacher Education	23.0801	English Literature (British and Commonwealth)
20.0309	Drycleaner and Launderer (Commercial)	13.1305	English Teacher Education
40.0703	Earth and Planetary Sciences	23.1101	English Technical and Business Writing
16.0399	East & Southeast Asian Languages & Lit., Other	52.0701	Enterprise Management and Operation, General
05.0104	East Asian Studies	52.0799	Enterprise Management and Operation, Other
16.0499	East European Languages and Literatures, Other	26.0702	Entomology
05.0105	Eastern European Area Studies	08.0301	Entrepreneurship
26.0603	Ecology	15.0507	Environment & Pollution Control Technol./Technician
45.0603	Econometrics and Quantitative Economics	15.0599	Environmental Control Technol./Technician, Other
45.0601	Economics, General	14.1401	Environmental/Environmental Health Engineering
45.0699	Economics, Other	51.2202	Environmental Health
13.0401	Education Administration and Supervision, General	03.0102	Environmental Science/Studies
13.0499	Education Administration and Supervision, Other	51.2203	Epidemiology
13.0101	Education, General	01.0507	Equestrian/Equine Studies, Horse Mgmt. and Training
13.1013	Education of the Autistic	05.0299	Ethnic and Cultural Studies, Other
13.1009	Education of the Blind and Visually Handicapped	45.0803	European History
13.1003	Education of the Deaf and Hearing Impaired	05.0106	European Studies
13.1005	Education of the Emotionally Handicapped	26.0617	Evolutionary Biology
13.1004	Education of the Gifted and Talented	52.0402	Executive Assistant/Secretary
13.1006	Education of the Mentally Handicapped	20.0605	Executive Housekeeper
13.1007	Education of the Multiple Handicapped	31.0505	Exercise Sciences/Physiology and Movement Studies
13.1008	Education of the Physically Handicapped	42.0801	Experimental Psychology
13.1011	Education of the Specific Learning Disabled	19.0301	Family and Community Studies
13.1012	Education of the Speech Impaired	19.0703	Family and Marriage Counseling
13.9999	Education, Other	19.0499	Family/Consumer Resource Management, Other
13.0604	Educational Assessment, Testing and Measurement	19.0704	Family Life and Relations Studies
13.0601	Educational Evaluation and Research	19.0401	Family Resource Management Studies
13.0699	Educational Evaluation, Research and Stats., Oth.	01.0104	Farm and Ranch Management
13.0501	Educational/Instructional Media Design	20.0306	Fashion and Fabric Consultant
10.0101	Educational/Instructional Media Technol./Technician	50.0407	Fashion Design and Illustration
13.0802	Educational Psychology	08.0102	Fashion Merchandising
13.0603	Educational Statistics and Research Methods	08.0103	Fashion Modeling
13.0404	Educational Supervision	50.0712	Fiber, Textile, and Weaving Arts
20.0602	Elder Care Provider/Companion	50.0601	Film/Cinema Studies
15.0399	Elec. & Electronic Engin.-Rltd Technol./Techni., Oth.	50.0699	Film/Video and Photographic Arts, Other
47.0101	Elec. & Electronics Equip. Installer & Repairer, Gen.	50.0602	Film-Video Making/Cinematography and Production
47.0199	Elec. & Electronics Equip. Installer & Repairer, Oth.	52.0801	Finance, General
46.0399	Electrical and Power Transmission Installer, Other	52.0899	Financial Management and Services, Other
46.0301	Electrical and Power Transmission Installer, General	52.0804	Financial Planning
14.1001	Elec., Electronics, and Communications Engineering	08.0401	Financial Services Marketing Operations
15.0303	Elec., Electronics, & Commun. Engin. Technol./Techni.	50.0799	Fine Arts and Art Studies, Other
48.0104	Electrical/Electronics Drafting	50.0702	Fine/Studio Arts
46.0302	Electrician	43.0201	Fire Protection and Safety Technology/Technician
51.0902	Electrocardiograph Technology/Technician	43.0299	Fire Protection, Other
51.0903	Electroencephalograph Technology/Technician	43.0203	Fire Science/Firefighting
12.0404	Electrolysis Technician	43.0202	Fire Services Administration
15.0499	Electromech. Instrumt. & Maint. Technol./Techni.,Oth.	03.0301	Fishing and Fisheries Sciences and Management
15.0403	Electromechanical Technology/Technician	49.0303	Fishing Technology/Commercial Fishing
13.0405	Elementary, Middle, and Secondary Education Admin.	49.0106	Flight Attendant
40.0804	Elementary Particle Physics	08.0503	Floristry Marketing Operations
13.1202	Elementary Teacher Education	12.0504	Food and Beverage/Restaurant Operations Manager
51.0904	Emergency Medical Technology/Technician	20.0405	Food Caterer
15.0503	Energy Management and Systems Technol./Technician	08.0601	Food Products Retailing and Wholesaling Operations
14.2901	Engineering Design	08.0906	Food Sales Operations
14.0101	Engineering, General	02.0301	Food Sciences and Technology
14.3001	Engineering/Industrial Management	19.0505	Food Systems Administration
14.1101	Engineering Mechanics	19.0502	Foods and Nutrition Science
14.9999	Engineering, Other	19.0501	Foods and Nutrition Studies, General

19.0599	Foods and Nutrition Studies, Other	15.0501	Heating, Air Cond., & Refrig. Technol./Technician
16.0103	Foreign Language Interpretation and Translation	47.0201	Heating, Air Cond., & Refrig. Mechanic & Repairer
16.0101	Foreign Languages and Literatures, General	47.0302	Heavy Equipment Maintenance and Repairer
16.9999	Foreign Languages and Literatures, Other	16.1102	Hebrew Language and Literature
13.1306	Foreign Languages Teacher Education	51.1003	Hematology Technology/Technician
43.0106	Forensic Technology/Technician	13.0406	Higher Education Administration
03.0401	Forest Harvesting & Prod. Technology/Technician	05.0203	Hispanic-American Studies
03.0506	Forest Management	30.1201	Historic Preservation, Conserv., & Architect. History
03.0499	Forest Production and Processing, Other	45.0804	History and Philosophy of Science and Technology
03.0404	Forest Products Technology/Technician	45.0801	History, General
03.0599	Forestry and Related Sciences, Other	45.0899	History, Other
03.0501	Forestry, General	13.1328	History Teacher Education
03.0502	Forestry Sciences	08.0899	Home and Office Products Marketing Operations, Oth.
52.0702	Franchise Operation	19.0202	Home Economics Communications
16.0901	French Language and Literature	19.0101	Home Economics, General
13.1325	French Language Teacher Education	19.9999	Home Economics, Other
12.0301	Funeral Services and Mortuary Science	13.1308	Home Economics Teacher Education (Vocational)
48.0702	Furniture Designer and Maker	20.0501	Home Furnish. & Equip. Installers & Consult., Gen.
12.0299	Gaming and Sports Officiating Services, Other	20.0599	Home Furnish. & Equip. Installers & Consult., Oth.
08.0704	General Buying Operations	51.1615	Home Health Aide
08.0709	General Distribution Operations	08.0809	Home Products Marketing Operations
08.0708	General Marketing Operations	20.0606	Homemaker's Aide
52.0408	General Office/Clerical and Typing Services	02.0403	Horticulture Science
08.0799	General Retailing & Wholesaling Oper. & Skills, Oth.	01.0601	Horticulture Services Oper. and Management, General
08.0705	General Retailing Operations	01.0699	Horticulture Services Oper. and Management, Other
08.0706	General Selling Skills and Sales Operations	51.0702	Hospital/Health Facilities Administration
24.0102	General Studies	52.0901	Hospitality/Administration Management
13.1299	General Teacher Education, Other	08.0901	Hospitality and Recreation Marketing Oper., General
26.0613	Genetics, Plant and Animal	08.0999	Hospitality and Recreation Marketing Oper., Other
40.0602	Geochemistry	52.0999	Hospitality Services Management, Other
45.0701	Geography	52.0902	Hotel/Motel and Restaurant Management
40.0699	Geological and Related Sciences, Other	08.0902	Hotel/Motel Services Marketing Operations
14.1501	Geological Engineering	19.0601	Housing Studies, General
40.0601	Geology	19.0699	Housing Studies, Other
14.1601	Geophysical Engineering	52.1001	Human Resources Management, General
40.0603	Geophysics and Seismology	52.1099	Human Resources Management, Other
14.0802	Geotechnical Engineering	24.0103	Humanities/Humanistic Studies
16.0501	German Language and Literature	15.1103	Hydraulic Technology/Technician
13.1326	German Language Teacher Education	51.2303	Hypnotherapy
16.0599	Germanic Languages and Literatures, Other	19.0701	Individual and Family Development Studies, General
19.0705	Gerontological Services	19.0799	Individual and Family Development Studies, Other
30.1101	Gerontology	42.0901	Industrial and Organizational Psychology
48.0201	Graphic and Printing Equipment Operator, General	50.0404	Industrial Design
48.0299	Graphic and Printing Equipment Operator, Other	47.0105	Industrial Electronics Installer and Repairer
50.0402	Graphic Design, Commercial Art, and Illustration	47.0399	Industrial Equipment Maint. and Repairers, Other
16.1202	Greek Language and Literature (Ancient and Medieval)	47.0303	Industrial Machinery Maint. and Repairer
16.0602	Greek Language and Literature (Modern)	14.1701	Industrial/Manufacturing Engineering
01.0604	Greenhouse Operations and Management	15.0603	Industrial/Manufacturing Technology/Technician
47.0402	Gunsmith	15.0699	Industrial Production Technol./Technician, Other
51.2601	Health Aide	41.0204	Industrial Radiologic Technol./Technician
51.0799	Health and Medical Administrative Services, Other	52.0407	Information Processing/Data Entry Technician
51.0899	Health and Medical Assistants, Other	11.0401	Information Sciences and Systems
51.2204	Health and Medical Biostatistics	40.0503	Inorganic Chemistry
51.0999	Health & Med. Diagnostic & Treatment Services, Other	20.0409	Institutional Food Services Administrator
51.1099	Health & Med. Laboratory Technol./Technician, Other	20.0401	Institutional Food Workers and Administrators, Gen.
51.1199	Health and Medical Preparatory Programs, Other	20.0499	Institutional Food Workers and Administrators, Other
31.0599	Health and Physical Education/Fitness, Other	47.0401	Instrument Calibration and Repairer
31.0501	Health and Physical Education, General	15.0404	Instrumentation Technology/Technician
13.1327	Health Occupations Teacher Education (Vocational)	52.0805	Insurance and Risk Management
51.2205	Health Physics/Radiologic Health	08.1001	Insurance Marketing Operations
08.1301	Health Products and Services Marketing Operations	04.0501	Interior Architecture
51.9999	Health Professions and Related Sciences, Other	50.0408	Interior Design
51.0701	Health System/Health Services Administration	19.0603	Interior Environments
13.1307	Health Teacher Education	50.0706	Intermedia
51.0703	Health Unit Coordinator/Ward Clerk	01.0701	International Agriculture
51.0704	Health Unit Manager/Ward Supervisor	13.0701	International and Comparative Education

52.1101	International Business	52.0404	Medical Administrative Assistant/Secretary
52.1403	International Business Marketing	51.1301	Medical Anatomy
45.0605	International Economics	51.0801	Medical Assistant
52.0806	International Finance	51.1302	Medical Biochemistry
45.0901	International Relations and Affairs	51.1303	Medical Biomathematics and Biometrics
52.0807	Investments and Securities	51.1305	Medical Cell Biology
05.0204	Islamic Studies	51.1401	Medical Clinical Sciences (M.S., Ph.D.)
16.0902	Italian Language and Literature	51.2702	Medical Dietician
16.0302	Japanese Language and Literature	51.1306	Medical Genetics
05.0205	Jewish/Judaic Studies	51.2703	Medical Illustrating
09.0401	Journalism	51.1307	Medical Immunology
09.0499	Journalism and Mass Communications, Other	51.0802	Medical Laboratory Assistant
13.1203	Junior High/Intermediate/Middle School Teacher Ed.	51.1004	Medical Laboratory Technician
22.0104	Jurid. Sci./Legal Spec. (LL.M.,M.C.L.,J.S.D./S.J.D.)	51.1308	Medical Microbiology
12.0505	Kitchen Personnel/Cook and Assistant Training	51.1309	Medical Molecular Biology
52.1002	Labor/Personnel Relations and Studies	51.1310	Medical Neurobiology
04.0601	Landscape Architecture	51.1311	Medical Nutrition
01.0605	Landscaping Operations and Management	51.0705	Medical Office Management
15.0304	Laser and Optical Technology/Technician	51.1312	Medical Pathology
05.0107	Latin American Studies	51.2003	Medical Pharmacology and Pharmaceutical Sciences
16.1203	Latin Language and Literature (Ancient and Medieval)	51.1304	Medical Physics/Biophysics
22.0101	Law (LL.B., J.D.)	51.1313	Medical Physiology
22.0199	Law and Legal Studies, Other	51.0907	Medical Radiologic Technology/Technician
43.0107	Law Enforcement/Police Science	51.0706	Medical Records Administration
48.0399	Leatherworkers and Upholsterers, Other	51.0707	Medical Records Technology/Technician
52.0403	Legal Administrative Assistant/Secretary	51.1005	Medical Technology
24.0199	Liberal Art & Sci., Gen. Studies & Humanities, Oth.	51.1314	Medical Toxicology
24.0101	Liberal Arts and Sciences/Liberal Studies	51.0708	Medical Transcription
25.0301	Library Assistant	40.0505	Medicinal/Pharmaceutical Chemistry
25.0101	Library Science/Librarianship	51.1201	Medicine (M.D.)
25.9999	Library Science, Other	30.1301	Medieval and Renaissance Studies
46.0303	Lineworker	51.1599	Mental Health Services, Other
16.0102	Linguistics	50.0713	Metal and Jewelry Arts
48.0206	Lithographer and Platemaker	14.2001	Metallurgical Engineering
47.0403	Locksmith and Safe Repairer	15.0611	Metallurgical Technology/Technician
03.0405	Logging/Timber Harvesting	40.0701	Metallurgy
52.0203	Logistics and Materials Management	26.0501	Microbiology/Bacteriology
48.0503	Machine Shop Assistant	16.1199	Middle Eastern Languages and Literatures, Other
48.0501	Machinist/Machine Technologist	05.0108	Middle Eastern Studies
47.0106	Major Appliance Installer and Repairer	29.0101	Military Technologies
12.0406	Make-Up Artist	14.2101	Mining and Mineral Engineering
52.1201	Management Info. Sys. & Business Data Proc., Gen.	15.0999	Mining and Petroleum Technol./Technician, Other
52.1301	Management Science	15.0901	Mining Technology/Technician
26.0607	Marine/Aquatic Biology	26.0699	Miscellaneous Biological Specializations, Other
49.0306	Marine Maintenance and Ship Repairer	47.0499	Miscellaneous Mechanics and Repairers, Other
49.0309	Marine Science/Merchant Marine Officer	40.0799	Miscellaneous Physical Sciences, Other
52.1499	Marketing Management and Research, Other	39.0301	Missions/Missionary Studies and Misology
08.9999	Marketing Oper./Marketing and Distribution, Other	13.1310	Mkt. Oper. Teacher Ed./Mkting & Distrib. Teacher Ed.
52.1402	Marketing Research	26.0402	Molecular Biology
46.0101	Mason and Tile Setter	47.0611	Motorcycle Mechanic and Repairer
09.0403	Mass Communications	51.2304	Movement Therapy
12.0405	Massage	30.9999	Multi/Interdisciplinary Studies, Other
14.1801	Material Engineering	30.1401	Museology/Museum Studies
14.3101	Materials Science	50.0909	Music Business Management and Merchandising
27.0501	Mathematical Statistics	50.0906	Music Conducting
27.0101	Mathematics	50.0901	Music, General
30.0801	Mathematics and Computer Science	50.0903	Music - General Performance
27.9999	Mathematics, Other	50.0902	Music History and Literature
13.1311	Mathematics Teacher Education	50.0999	Music, Other
12.0506	Meatcutter	50.0907	Music - Piano and Organ Performance
48.0105	Mechanical Drafting	13.1312	Music Teacher Education
14.1901	Mechanical Engineering	50.0904	Music Theory and Composition
15.0805	Mechanical Engin./Mechanical Technol./Technician	51.2305	Music Therapy
15.0899	Mechanical Engin.-Related Technol./Technician, Other	50.0908	Music - Voice and Choral/Opera Performance
48.0205	Mechanical Typesetter and Composer	47.0404	Musical Instrument Repairer
47.9999	Mechanics and Repairers, Other	50.0905	Musicology and Ethnomusicology



03.0101	Natural Resources Conservation, General	51.0906	Perfusion Technology/Technician
03.0203	Natural Resources Law Enforcement & Protective Svcs	12.9999	Personal and Miscellaneous Services, Other
03.0201	Natural Resources Management and Policy	08.0205	Personal Services Marketing Operations
03.0299	Natural Resources Mgmt & Protective Services, Other	14.2501	Petroleum Engineering
51.2704	Naturopathic Medicine	08.1209	Petroleum Products Retailing Operations
14.2201	Naval Architecture and Marine Engineering	15.0903	Petroleum Technology/Technician
26.0608	Neuroscience	26.0705	Pharmacology, Human and Animal
52.0206	Non-Profit and Public Management	51.2001	Pharmacy (B. Pharm., Pharm.D.)
41.0299	Nuclear & Indust. Radiologic Technol./Techni., Other	51.2002	Pharmacy Administration and Pharmaceutics
14.2301	Nuclear Engineering	51.2099	Pharmacy, Other
51.0905	Nuclear Medical Technology/Technician	51.0805	Pharmacy Technician/Assistant
41.0205	Nuclear/Nuclear Power Technology/Technician	38.0101	Philosophy
40.0806	Nuclear Physics	38.9999	Philosophy and Religion
51.1614	Nurse Assistant/Aide	10.0103	Photographic Technology/Technician
01.0606	Nursery Operations and Management	50.0605	Photography
51.1601	Nursing (R.N. Training)	40.0506	Physical and Theoretical Chemistry
51.1602	Nursing Administration (Post-R.N.)	13.1314	Physical Education Teaching and Coaching
51.1603	Nursing, Adult Health (Post-R.N.)	41.0399	Physical Science Technology/Technician, Other
51.1604	Nursing Anesthetist (Post-R.N.)	40.0101	Physical Sciences, General
51.1605	Nursing, Family Practice (Post-R.N.)	40.9999	Physical Sciences, Other
51.1606	Nursing, Maternal/Child Health (Post-R.N.)	51.2308	Physical Therapy
51.1607	Nursing Midwifery (Post-R.N.)	51.0806	Physical Therapy Assistant
51.1699	Nursing, Other	51.0807	Physician Assistant
51.1609	Nursing, Pediatric (Post-R.N.)	40.0801	Physics, General
51.1610	Nursing, Psychiatric/Mental Health (Post-R.N.)	40.0899	Physics, Other
51.1611	Nursing, Public Health (Post-R.N.)	13.1329	Physics Teacher Education
51.1608	Nursing Science (Post-R.N.)	42.1101	Physiological Psychology/Psychobiology
51.1612	Nursing, Surgical (Post-R.N.)	26.0706	Physiology, Human and Animal
26.0609	Nutritional Sciences	02.0405	Plant Breeding and Genetics
51.2206	Occupational Health and Industrial Hygiene	26.0305	Plant Pathology
15.0701	Occupational Safety and Health Technol./Technician	26.0307	Plant Physiology
51.2306	Occupational Therapy	02.0408	Plant Protection (Pest Management)
51.0803	Occupational Therapy Assistant	02.0401	Plant Sciences, General
14.2401	Ocean Engineering	02.0499	Plant Sciences, Other
40.0702	Oceanography	40.0805	Plasma and High-Temperature Physics
08.0810	Office Products Marketing Operations	15.0607	Plastics Technology/Technician
52.0204	Office Supervision and Management	50.0504	Playwriting and Screenwriting
52.0205	Operations Management and Supervision	46.0501	Plumber and Pipefitter
27.0302	Operations Research	51.2101	Podiatry (D.P.M., D.P., Pod.D.)
51.0804	Ophthalmic Medical Assistant	45.1099	Political Science and Government, Other
51.1803	Ophthalmic Medical Technologist	45.1001	Political Science, General
51.1899	Ophthalmic/Optometric Services, Other	40.0507	Polymer Chemistry
51.1802	Optical Technician/Assistant	14.3201	Polymer/Plastics Engineering
51.1801	Opticianry/Dispensing Optician	16.0904	Portuguese Language and Literature
40.0807	Optics	02.0209	Poultry Science
51.1006	Optometric/Ophthalmic Laboratory Technician	51.1613	Practical Nurse (L.P.N. Training)
51.1701	Optometry (O.D.)	51.1101	Pre-Dentistry Studies
39.0605	Ordination, Other	13.1204	Pre-Ele./Early Childhood/Kindergarten Teacher Ed.
40.0504	Organic Chemistry	22.0102	Pre-Law Studies
52.1003	Organizational Behavior Studies	51.1102	Pre-Medicine Studies
01.0603	Ornamental Horticulture Operations and Management	51.1103	Pre-Pharmacy Studies
51.1804	Orthoptics	39.0604	Pre-Theological/Pre-Ministerial Studies
51.2307	Orthotics/Prosthetics	51.1104	Pre-Veterinary Studies
51.1901	Osteopathic Medicine (D.O.)	48.0599	Precision Metal Workers, Other
05.0109	Pacific Area Studies	48.9999	Precision Production Trades, Other
46.0408	Painter and Wall Coverer	48.0208	Printing Press Operator
50.0708	Painting	50.0710	Printmaking
40.0604	Paleontology	43.9999	Protective Services, Other
22.0103	Paralegal/Legal Assistant	51.1502	Psychiatric/Mental Health Services Technician
26.0610	Parasitology	51.2705	Psychoanalysis
31.0301	Parks, Recreation, and Leisure Facilities Management	42.0101	Psychology, General
31.0101	Parks, Recreation, and Leisure Studies	42.9999	Psychology, Other
31.9999	Parks, Recreation, Leisure, & Fitness Studies, Other	44.0401	Public Administration
39.0701	Pastoral Counseling and Specialized Ministries	44.9999	Public Administration and Services, Other
26.0704	Pathology, Human and Animal	45.0805	Public/Applied History and Archival Administration
30.0501	Peace and Conflict Studies	52.0808	Public Finance

51.2207	Public Health Education and Promotion	14.0803	Structural Engineering
51.2201	Public Health, General	51.0909	Surgical/Operating Room Technician
51.2299	Public Health, Other	15.1102	Surveying
44.0501	Public Policy Analysis	14.2701	Systems Engineering
09.0501	Public Relations and Organizational Communications	30.0601	Systems Science and Theory
52.0202	Purchasing, Procurement and Contracts Management	39.0606	Talmudic Studies (bachelor's level or equivalent)
15.0799	Quality Control and Safety Technol./Technician, Oth.	52.1601	Taxation
15.0702	Quality Control Technology/Technician	13.1501	Teacher Assistant/Aide
39.0603	Rabbinical and Talmudic Studies (M.H.L./Rav)	13.1206	Teacher Education, Multiple Levels
26.0611	Radiation Biology/Radiobiology	13.1399	Teacher Ed., Specific Acad. & Voc. Programs, Other
09.0701	Radio and Television Broadcasting	13.1401	Teaching Engl. as a Sec. Language/Foreign Language
10.0104	Radio and Television Broadcast. Technol./Technician	13.1319	Technical Teacher Education (Vocational)
02.0409	Range Science and Management	50.0502	Technical Theater/Theater Design and Stagecraft
13.1315	Reading Teacher Education	13.1309	Technology Teacher Ed./Industrial Arts Teacher Ed.
52.1501	Real Estate	14.2801	Textile Sciences and Engineering
52.0406	Receptionist	39.0699	Theological and Ministerial Studies, Other
08.0903	Recreation Products/Services Marketing Operations	39.9999	Theological Studies and Religious Vocations, Other
51.2309	Recreational Therapy	39.0601	Theology/Theological Studies
51.2399	Rehabilitation/Therapeutic Services, Other	40.0810	Theoretical and Mathematical Physics
38.0201	Religion/Religious Studies	48.0507	Tool and Die Maker/Technologist
39.0401	Religious Education	08.1199	Tourism & Travel Services Marketing Oper., Other
39.0501	Religious/Sacred Music	08.1104	Tourism Promotion Operations
51.0908	Respiratory Therapy Technician	26.0612	Toxicology
15.0405	Robotics Technology/Technician	13.1320	Trade and Industrial Teacher Education (Vocational)
16.0999	Romance Languages and Literatures, Other	14.0804	Transportation and Highway Engineering
05.0110	Russian and Slavic Area Studies	49.9999	Transportation and Materials Moving Workers, Other
16.0402	Russian Language and Literature	08.1105	Travel Services Marketing Operations
05.0111	Scandinavian Area Studies	52.0903	Travel-Tourism Management
16.0502	Scandinavian Languages and Literatures	49.0205	Truck, Bus, and Other Commercial Vehicle Operator
42.1701	School Psychology	01.0607	Turf Management
13.1316	Science Teacher Education, General	12.0204	Umpires and Other Sports Officials
30.1501	Science, Technology and Society	48.0303	Upholsterer
41.9999	Science Technology/Technician, Other	45.1201	Urban Affairs/Studies
50.0709	Sculpture	49.0299	Vehicle and Equipment Operators, Other
13.1205	Secondary Teacher Education	47.0699	Vehicle & Mobile Equip. Mechanics & Repairers, Other
43.0109	Security and Loss Prevention Services	08.1299	Vehicle & Petroleum Products Marketing Oper., Other
48.0506	Sheet Metal Worker	08.1208	Vehicle Marketing Operations
48.0304	Shoe, Boot, and Leather Repairer	08.1203	Vehicle Parts and Accessories Marketing Operations
51.0205	Sign Language Interpreter	51.0808	Veterinarian Assistant/Animal Health Technician
16.0403	Slavic Languages and Lit. (Other Than Russian)	51.2501	Veterinary Clinical Sciences (M.S., Ph.D.)
47.0606	Small Engine Mechanic and Repairer	51.2401	Veterinary Medicine (D.V.M.)
13.0901	Social and Philosophical Foundations of Education	26.0619	Virology
42.1601	Social Psychology	50.0101	Visual and Performing Arts
13.1317	Social Science Teacher Education	50.9999	Visual and Performing Arts, Other
45.9999	Social Sciences and History, Other	20.9999	Vocational Home Economics, Other
45.0101	Social Sciences, General	51.2310	Vocational Rehabilitation Counseling
13.1318	Social Studies Teacher Education	12.0507	Waiter/Waitress and Dining Room Manager
44.0701	Social Work	47.0408	Watch, Clock, and Jewelry Repairer
31.0506	Socio-Psychological Sports Studies	15.0506	Water Qual. & Wastewater Treatmnt Technol./Techni.
45.1101	Sociology	14.0805	Water Resources Engineering
02.0501	Soil Sciences	49.0399	Water Transportation Workers, Other
15.0505	Solar Technology/Technician	48.0508	Welder/Welding Technologist
40.0808	Solid State and Low-Temperature Physics	05.0114	Western European Studies
16.0703	South Asian Languages and Literatures	03.0601	Wildlife and Wildlands Management
05.0112	South Asian Studies	20.0502	Window Treatment Maker and Installer
05.0113	Southeast Asian Studies	05.0207	Women's Studies
16.0905	Spanish Language and Literature	03.0509	Wood Science and Pulp/Paper Technology
13.1330	Spanish Language Teacher Education	48.0701	Woodworkers, General
13.1001	Special Education, General	48.0799	Woodworkers, Other
13.1099	Special Education, Other	26.0701	Zoology, General
23.1001	Speech and Rhetorical Studies	26.0799	Zoology, Other
51.0203	Speech-Language Pathology		
51.0204	Speech-Language Pathology and Audiology		
13.1331	Speech Teacher Education		
31.0504	Sport and Fitness Administration/Management		
47.0501	Stationary Energy Sources Installer and Operator		

CHAPTER 2 - ALPHABETICAL LIST OF OCCUPATIONALLY SPECIFIC PROGRAMS - 1990

These programs have historically been used for reporting sub-baccalaureate occupationally specific program data related to Federal vocational education legislation. Codes so marked are not restricted to such uses, however, and may also be used for reporting data on programs offered at other levels.

52.0301	Accounting	52.0101	Business, General
52.0399	Accounting, Other	52.1299	Business Info. & Data Processing Services, Other
52.0302	Accounting Technician	47.0102	Business Machine Repairer
50.0503	Acting and Directing	52.9999	Business Management & Administrative Services, Oth.
51.2701	Acupuncture and Oriental Medicine	52.1401	Business Marketing and Marketing Management
52.0499	Administrative and Secretarial Services, Other	08.0204	Business Services Marketing Operations
52.0401	Administrative Assistant/Secretarial Science, Gen.	52.1204	Business Systems Networking and Telecommunicatns
13.1201	Adult and Continuing Teacher Education	48.0703	Cabinet Maker and Millworker
09.0201	Advertising	12.0203	Card Dealer
15.0801	Aeronaut. and Aerospace Engineering Technol./Techni.	51.0901	Cardiovascular Technology/Technician
01.0401	Agricultural & Food Prod. Processing Oper. & Mgmt.	46.0201	Carpenter
01.0302	Agricultural Animal Husbandry and Prod. Management	50.0711	Ceramics Arts and Ceramics
01.0102	Agricultural Business/Agribusiness Operations	41.0301	Chemical Technology/Technician
01.0101	Agricultural Business and Management, General	20.0201	Child Care and Guidance Workers and Managers, Gen.
01.0199	Agricultural Business and Management, Other	20.0299	Child Care and Guidance Workers and Managers, Oth.
01.9999	Agricultural Business and Production, Other	20.0202	Child Care Provider/Assistant
01.0201	Agricultural Mechanization, General	20.0203	Child Care Services Manager
01.0299	Agricultural Mechanization, Other	15.0201	Civil Engineering/Civil Technology/Technician
01.0204	Agricultural Power Machinery Operator	48.0103	Civil/Structural Drafting
01.0301	Agricultural Production Workers and Managers, Gen.	20.0301	Clothing, Apparel & Textile Wkrs & Managers, Gen.
01.0399	Agricultural Production Workers and Managers, Other	20.0399	Clothing, Apparel & Textile Wkrs & Managers, Other
01.0599	Agricultural Supplies and Related Services, Other	20.0303	Commercial Garment and Apparel Worker
01.0501	Agricultural Supplies Retailing and Wholesaling	50.0406	Commercial Photography
02.0101	Agriculture/Agricultural Sciences, General	47.0103	Communication Systems Installer and Repairer
02.9999	Agriculture/Agricultural Sciences, Other	09.0101	Communications, General
49.0199	Air Transportation Workers, Other	09.9999	Communications, Other
47.0607	Aircraft Mechanic/Technician, Airframe	10.0199	Communications Technology/Technician, Other
47.0608	Aircraft Mechanic/Technician, Powerplant	51.0301	Community Health Liaison
49.0102	Aircraft Pilot and Navigator (Professional)	11.9999	Computer and Information Sciences, Other
51.1501	Alcohol/Drug Abuse Counseling	15.0301	Computer Engineering Technology/Technician
01.0505	Animal Trainer	47.0104	Computer Installer and Repairer
08.0101	Apparel and Accessories Marketing Operations, Gen.	15.0402	Computer Maintenance Technology/Technician
08.0199	Apparel and Accessories Marketing Operations, Other	11.0201	Computer Programming
01.0303	Aquaculture Operations and Production Management	48.0211	Computer Typography & Composition Equip. Operator
48.0102	Architectural Drafting	03.9999	Conservation and Renewable Natural Resources, Other
15.0101	Architectural Engineering Technology/Technician	46.0499	Construction & Building Finishers and Managers, Other
31.0503	Athletic Training and Sports Medicine	46.0403	Construction/Building Inspector
08.0701	Auctioneering	15.1001	Construction/Building Technology/Technician
47.0603	Auto/Automotive Body Repairer	49.0202	Construction Equipment Operator
47.0604	Auto/Automotive Mechanic/Technician	46.9999	Construction Trades, Other
15.0803	Automotive Engineering Technology/Technician	43.0102	Corrections/Correctional Administration
49.0104	Aviation Management	12.0401	Cosmetic Services, General
47.0609	Aviation Sys. and Avionics Maint. Technol./Techni.	12.0499	Cosmetic Services, Other
12.0501	Baker/Pastry Chef	12.0403	Cosmetologist
52.0803	Banking and Financial Support Services	52.0405	Court Reporter
12.0402	Barber/Hairstylist	50.0201	Crafts, Folk Art, and Artisanry
12.0502	Bartender/Mixologist	43.0199	Criminal Justice and Corrections, Other
47.0610	Bicycle Mechanic and Repairer	43.0103	Criminal Justice/Law Enforcement Administration
41.0101	Biological Technology/Technician	01.0304	Crop Production Operations and Management
15.0401	Biomedical Engineering-Related Technol./Techni.	12.0599	Culinary Arts and Related Services, Other
51.1001	Blood Bank Technology/Technician	12.0503	Culinary Arts/Chef Training
09.0402	Broadcast Journalism	20.0601	Cust., Hsekeeping, & Home Svcs Wkrs & Mngrs, Gen.
46.0401	Building/Property Maintenance and Manager	20.0699	Cust., Hsekeeping, & Home Svcs Wkrs & Mngrs, Oth.
52.0201	Business Administration and Management, General	20.0604	Custodian/Caretaker
52.0299	Business Administration and Management, Other	20.0305	Custom Tailor
08.0299	Business & Personal Svcs. Marketing Operations, Oth.	51.1002	Cytotechnologist
52.0501	Business Communications	50.0301	Dance
52.1205	Business Computer Facilities Operator	11.0301	Data Processing Technology/Technician
52.1202	Business Computer Programming/Programmer	51.0601	Dental Assistant

51.0602	Dental Hygienist	43.0106	Forensic Technology/Technician
51.0603	Dental Laboratory Technician	03.0401	Forest Harvesting & Prod. Technology/Technician
51.0699	Dental Services, Other	03.0499	Forest Production and Processing, Other
50.0499	Design and Applied Arts, Other	03.0404	Forest Products Technology/Technician
50.0401	Design and Visual Communications	03.0501	Forestry, General
48.0212	Desktop Publishing Equipment Operator	52.0702	Franchise Operation
51.0910	Diagnostic Medical Sonography	12.0301	Funeral Services and Mortuary Science
47.0605	Diesel Engine Mechanic and Repairer	48.0702	Furniture Designer and Maker
20.0404	Dietician Assistant	12.0299	Gaming and Sports Officiating Services, Other
49.0304	Diver (Professional)	08.0704	General Buying Operations
48.0101	Drafting, General	08.0709	General Distribution Operations
48.0199	Drafting, Other	08.0708	General Marketing Operations
50.0599	Dramatic/Theater Arts and Stagecraft, Other	52.0408	General Office/Clerical and Typing Services
50.0705	Drawing	08.0799	General Retailing & Wholesaling Oper. & Skills, Oth.
20.0309	Drycleaner and Launderer (Commercial)	08.0705	General Retailing Operations
10.0101	Educational/Instructional Media Technol./Technician	08.0706	General Selling Skills and Sales Operations
20.0602	Elder Care Provider/Companion	48.0201	Graphic and Printing Equipment Operator, General
15.0399	Elec. & Electronic Engin.-Rited Technol./Techni., Oth.	48.0299	Graphic and Printing Equipment Operator, Other
47.0101	Elec. & Electronics Equip. Installer & Repairer, Gen.	50.0402	Graphic Design, Commercial Art, and Illustration
47.0199	Elec. & Electronics Equip. Installer & Repairer, Oth.	01.0604	Greenhouse Operations and Management
46.0399	Electrical and Power Transmission Installer, Other	47.0402	Gunsmith
46.0301	Electrical and Power Transmission Installer, General	51.2601	Health Aide
15.0303	Elec., Electronics, & Commun. Engin. Technol./Techni.	51.0799	Health and Medical Administrative Services, Other
48.0104	Electrical/Electronics Drafting	51.0899	Health and Medical Assistants, Other
46.0302	Electrician	51.0999	Health & Med. Diagnostic & Treatment Services, Other
51.0902	Electrocardiograph Technology/Technician	51.1099	Health & Med. Laboratory Technol./Technician, Other
51.0903	Electroencephalograph Technology/Technician	31.0599	Health and Physical Education/Fitness, Other
12.0404	Electrolysis Technician	08.1301	Health Products and Services Marketing Operations
15.0499	Electromech. Instrumt. & Maint. Technol./Techni.,Oth.	51.9999	Health Professions and Related Sciences, Other
15.0403	Electromechanical Technology/Technician	51.0703	Health Unit Coordinator/Ward Clerk
13.1202	Elementary Teacher Education	51.0704	Health Unit Manager/Ward Supervisor
51.0904	Emergency Medical Technology/Technician	15.0501	Heating, Air Cond., & Refrig. Technol./Technician
15.0503	Energy Management and Systems Technol./Technician	47.0201	Heating, Air Cond., & Refrig. Mechanic & Repairer
15.1101	Engineering-Related Technol./Technician, Gen.	47.0302	Heavy Equipment Maintenance and Repairer
15.9999	Engineering-Related Technol./Technician, Oth.	51.1003	Hematology Technology/Technician
52.0701	Enterprise Management and Operation, General	08.0899	Home and Office Products Marketing Operations, Oth.
52.0799	Enterprise Management and Operation, Other	19.9999	Home Economics, Other
08.0301	Entrepreneurship	20.0501	Home Furnish. & Equip. Installers & Consult., Gen.
15.0507	Environment & Pollution Control Technol./Technician	20.0599	Home Furnish. & Equip. Installers & Consult., Oth.
15.0599	Environmental Control Technol./Technician, Other	51.1615	Home Health Aide
52.0402	Executive Assistant/Secretary	08.0809	Home Products Marketing Operations
20.0605	Executive Housekeeper	20.0606	Homemaker's Aide
01.0104	Farm and Ranch Management	01.0601	Horticulture Services Oper. and Management, General
20.0306	Fashion and Fabric Consultant	01.0699	Horticulture Services Oper. and Management, Other
50.0407	Fashion Design and Illustration	52.0901	Hospitality/Administration Management
08.0102	Fashion Merchandising	08.0901	Hospitality and Recreation Marketing Oper., General
08.0103	Fashion Modeling	08.0999	Hospitality and Recreation Marketing Oper., Other
50.0712	Fiber, Textile and Weaving Arts	52.0999	Hospitality Services Management, Other
50.0699	Film/Video and Photographic Arts, Other	52.0902	Hotel/Motel and Restaurant Management
50.0602	Film-Video Making/Cinematography and Production	08.0902	Hotel/Motel Services Marketing Operations
52.0801	Finance, General	52.1001	Human Resources Management, General
52.0899	Financial Management and Services, Other	52.1099	Human Resources Management, Other
08.0401	Financial Services Marketing Operations	15.1103	Hydraulic Technology/Technician
50.0799	Fine Arts and Art Studies, Other	51.2303	Hypnotherapy
50.0702	Fine/Studio Arts	50.0404	Industrial Design
43.0201	Fire Protection and Safety Technology/Technician	47.0105	Industrial Electronics Installer and Repairer
43.0299	Fire Protection, Other	47.0399	Industrial Equipment Maint. and Repairers, Other
43.0203	Fire Science/Firefighting	47.0303	Industrial Machinery Maint. and Repairer
43.0202	Fire Services Administration	15.0603	Industrial/Manufacturing Technology/Technician
49.0303	Fishing Technology/Commercial Fishing	15.0699	Industrial Production Technol./Technician, Other
49.0106	Flight Attendant	41.0204	Industrial Radiologic Technol./Technician
08.0503	Floristry Marketing Operations	52.0407	Information Processing/Data Entry Technician
12.0504	Food and Beverage/Restaurant Operations Manager	20.0409	Institutional Food Services Administrator
20.0405	Food Caterer	20.0401	Institutional Food Workers and Administrators, Gen.
08.0601	Food Products Retailing and Wholesaling Operations	20.0499	Institutional Food Workers and Administrators, Other
08.0906	Food Sales Operations	47.0401	Instrument Calibration and Repairer

15.0404	Instrumentation Technology/Technician	51.1601	Nursing (R.N. Training)
52.0805	Insurance and Risk Management	51.1699	Nursing, Other
08.1001	Insurance Marketing Operations	15.0701	Occupational Safety and Health Technol./Technician
50.0408	Interior Design	51.2306	Occupational Therapy
50.0706	Intermedia	51.0803	Occupational Therapy Assistant
09.0401	Journalism	08.0810	Office Products Marketing Operations
09.0499	Journalism and Mass Communications, Other	52.0204	Office Supervision and Management
12.0505	Kitchen Personnel/Cook and Assistant Training	52.0205	Operations Management and Supervision
52.1002	Labor/Personnel Relations and Studies	51.0804	Ophthalmic Medical Assistant
01.0605	Landscaping Operations and Management	51.1803	Ophthalmic Medical Technologist
15.0304	Laser and Optical Technology/Technician	51.1899	Ophthalmic/Optometric Services, Other
43.0107	Law Enforcement/Police Science	51.1802	Optical Technician/Assistant
48.0399	Leatherworkers and Upholsterers, Other	51.1801	Opticianry/Dispensing Optician
52.0403	Legal Administrative Assistant/Secretary	51.1006	Optometric/Ophthalmic Laboratory Technician
25.0301	Library Assistant	01.0603	Ornamental Horticulture Operations and Management
46.0303	Lineworker	51.1804	Orthoptics
48.0206	Lithographer and Platemaker	51.2307	Orthotics/Prosthetics
47.0403	Locksmith and Safe Repairer	46.0408	Painter and Wall Coverer
03.0405	Logging/Timber Harvesting	50.0708	Painting
48.0503	Machine Shop Assistant	22.0103	Paralegal/Legal Assistant
48.0501	Machinist/Machine Technologist	31.0301	Parks, Recreation, and Leisure Facilities Management
47.0106	Major Appliance Installer and Repairer	31.9999	Parks, Recreation, Leisure, & Fitness Studies, Other
12.0406	Make-Up Artist	51.0906	Perfusion Technology/Technician
52.1201	Management Info. Sys. & Business Data Proc., Gen.	12.9999	Personal and Miscellaneous Services, Other
49.0306	Marine Maintenance and Ship Repairer	08.0205	Personal Services Marketing Operations
49.0309	Marine Science/Merchant Marine Officer	08.1209	Petroleum Products Retailing Operations
52.1499	Marketing Management and Research, Other	15.0903	Petroleum Technology/Technician
08.9999	Marketing Oper./Marketing and Distribution, Other	51.0805	Pharmacy Technician/Assistant
46.0101	Mason and Tile Setter	10.0103	Photographic Technology/Technician
12.0405	Massage	50.0605	Photography
12.0506	Meatcutter	41.0399	Physical Science Technology/Technician, Other
48.0105	Mechanical Drafting	51.2308	Physical Therapy
15.0805	Mechanical Engin./Mechanical Technol./Technician	51.0806	Physical Therapy Assistant
15.0899	Mechanical Engin.-Related Technol./Technician, Other	51.0807	Physician Assistant
48.0205	Mechanical Typesetter and Composer	15.0607	Plastics Technology/Technician
47.9999	Mechanics and Repairers, Other	46.0501	Plumber and Pipefitter
52.0404	Medical Administrative Assistant/Secretary	51.1613	Practical Nurse (L.P.N. Training)
51.0801	Medical Assistant	13.1204	Pre-Elc./Early Childhood/Kindergarten Teacher Ed.
51.2702	Medical Dietician	48.0599	Precision Metal Workers, Other
51.0802	Medical Laboratory Assistant	48.9999	Precision Production Trades, Other
51.1004	Medical Laboratory Technician	48.0208	Printing Press Operator
51.0705	Medical Office Management	50.0710	Printmaking
51.0907	Medical Radiologic Technology/Technician	43.9999	Protective Services, Other
51.0706	Medical Records Administration	51.1502	Psychiatric/Mental Health Services Technician
51.0707	Medical Records Technology/Technician	44.9999	Public Administration and Services, Other
51.0708	Medical Transcription	52.0808	Public Finance
51.1599	Mental Health Services, Other	52.0202	Purchasing, Procurement and Contracts Management
50.0713	Metal and Jewelry Arts	15.0799	Quality Control and Safety Technol./Technician, Oth.
15.0611	Metallurgical Technology/Technician	15.0702	Quality Control Technology/Technician
15.0999	Mining and Petroleum Technol./Technician, Other	09.0701	Radio and Television Broadcasting
15.0901	Mining Technology/Technician	10.0104	Radio and Television Broadcast. Technol./Technician
47.0499	Miscellaneous Mechanics and Repairers, Other	52.1501	Real Estate
47.0611	Motorcycle Mechanic and Repairer	52.0406	Receptionist
50.0903	Music - General Performance	08.0903	Recreation Products/Services Marketing Operations
50.0999	Music, Other	51.2309	Recreational Therapy
50.0907	Music - Piano and Organ Performance	51.2399	Rehabilitation/Therapeutic Services, Other
50.0908	Music - Voice and Choral/Opera Performance	51.0908	Respiratory Therapy Technician
47.0404	Musical Instrument Repairer	15.0405	Robotics Technology/Technician
03.0203	Natural Resources Law Enforcement & Protective Svcs	41.9999	Science Technology/Technician, Other
03.0299	Natural Resources Mgmt & Protective Services, Other	50.0709	Sculpture
52.0206	Non-Profit and Public Management	43.0109	Security and Loss Prevention Services
41.0299	Nuclear & Indust. Radiologic Technol./Techni., Other	48.0506	Sheet Metal Worker
51.0905	Nuclear Medical Technology/Technician	48.0304	Shoe, Boot, and Leather Repairer
41.0205	Nuclear/Nuclear Power Technology/Technician	51.0205	Sign Language Interpreter
51.1614	Nurse Assistant/Aide	47.0606	Small Engine Mechanic and Repairer
01.0606	Nursery Operations and Management	15.0505	Solar Technology/Technician

13.1099	Special Education, Other	08.1203	Vehicle Parts and Accessories Marketing Operations
47.0501	Stationary Energy Sources Installer and Operator	51.0808	Veterinarian Assistant/Animal Health Technician
51.0909	Surgical/Operating Room Technician	50.0101	Visual and Performing Arts
15.1102	Surveying	50.9999	Visual and Performing Arts, Other
52.1601	Taxation	20.9999	Vocational Home Economics, Other
13.1501	Teacher Assistant/Aide	51.2310	Vocational Rehabilitation Counseling
50.0502	Technical Theater/Theater Design and Stagecraft	12.0507	Waiter/Waitress and Dining Room Manager
48.0507	Tool and Die Maker/Technologist	47.0408	Watch, Clock, and Jewelry Repairer
08.1199	Tourism & Travel Services Marketing Oper., Other	15.0506	Water Qual. & Wastewater Treatmnt Technol./Techni.
08.1104	Tourism Promotion Operations	49.0399	Water Transportation Workers, Other
49.9999	Transportation and Materials Moving Workers, Other	48.0508	Welder/Welding Technologist
08.1105	Travel Services Marketing Operations	03.0601	Wildlife and Wildlands Management
52.0903	Travel-Tourism Management	20.0502	Window Treatment Maker and Installer
49.0205	Truck, Bus, and Other Commercial Vehicle Operator	48.0701	Woodworkers, General
01.0607	Turf Management	48.0799	Woodworkers, Other
12.0204	Umpires and Other Sports Officials		
48.0303	Upholsterer		
49.0299	Vehicle and Equipment Operators, Other		
47.0699	Vehicle & Mobile Equip. Mechanics & Repairers, Other		
08.1299	Vehicle & Petroleum Products Marketing Oper., Other		
08.1208	Vehicle Marketing Operations		

## CHAPTER 3 - INSTRUCTIONAL PROGRAM CODES AND TITLE LISTING - 1990

The use of an asterisk (\*) denotes a code which has historically been used for reporting sub-baccalaureate occupationally specific program data related to Federal vocational education legislation. Codes so marked are not restricted to such uses, however, and may also be used for reporting data on programs offered at other levels.

The use of a plus (+) denotes a code used for reporting first-professional program data.

### 01. AGRICULTURAL BUSINESS AND PRODUCTION

#### 01.01 Agricultural Business and Management

- \* 01.0101 Agricultural Business and Management, General
- \* 01.0102 Agricultural Business/Agribusiness Operations
- 01.0103 Agricultural Economics
- \* 01.0104 Farm and Ranch Management
- \* 01.0199 Agricultural Business and Management, Other

#### 01.02 Agricultural Mechanization

- \* 01.0201 Agricultural Mechanization, General
- \* 01.0204 Agricultural Power Machinery Operator
- \* 01.0299 Agricultural Mechanization, Other

#### 01.03 Agricultural Production Workers and Managers

- \* 01.0301 Agricultural Production Workers & Managers, Gen.
- \* 01.0302 Agricultural Animal Husbandry & Production Mgmt
- \* 01.0303 Aquaculture Operations & Production Management
- \* 01.0304 Crop Production Operations and Management
- \* 01.0399 Agricultural Production Workers & Managers, Other

#### 01.04 Agricultural and Food Products Processing

- \* 01.0401 Agricultural & Food Prod. Processing Oper. & Mgmt

#### 01.05 Agricultural Supplies and Related Services

- \* 01.0501 Agricultural Supplies Retailing and Wholesaling
- \* 01.0505 Animal Trainer
- 01.0507 Equestrian/Equine Studies, Horse Mgmt & Training
- \* 01.0599 Agricultural Supplies and Related Services, Other

#### 01.06 Horticulture Services Operations and Management

- \* 01.0601 Horticulture Services Operations & Management, Gen.
- \* 01.0603 Ornamental Horticulture Operations and Management
- \* 01.0604 Greenhouse Operations and Management
- \* 01.0605 Landscaping Operations and Management
- \* 01.0606 Nursery Operations and Management
- \* 01.0607 Turf Management
- \* 01.0699 Horticulture Services Operations & Management, Oth.

#### 01.07 International Agriculture

01.0701 International Agriculture

#### 01.99 Agricultural Business and Production, Other

- \* 01.9999 Agricultural Business and Production, Other

### 02. AGRICULTURAL SCIENCES

#### 02.01 Agriculture/Agricultural Sciences

- \* 02.0101 Agriculture/Agricultural Sciences, General
- 02.0102 Agricultural Extension

#### 02.02 Animal Sciences

- 02.0201 Animal Sciences, General
- 02.0202 Agricultural Animal Breeding and Genetics
- 02.0203 Agricultural Animal Health
- 02.0204 Agricultural Animal Nutrition
- 02.0205 Agricultural Animal Physiology
- 02.0206 Dairy Science
- 02.0209 Poultry Science
- 02.0299 Animal Sciences, Other

#### 02.03 Food Sciences and Technology

- 02.0301 Food Sciences and Technology

#### 02.04 Plant Sciences

- 02.0401 Plant Sciences, General
- 02.0402 Agronomy and Crop Science
- 02.0403 Horticulture Science
- 02.0405 Plant Breeding and Genetics
- 02.0406 Agricultural Plant Pathology
- 02.0407 Agricultural Plant Physiology
- 02.0408 Plant Protection (Pest Management)
- 02.0409 Range Science and Management
- 02.0499 Plant Sciences, Other

#### 02.05 Soil Sciences

- 02.0501 Soil Sciences

#### 02.99 Agriculture/Agricultural Sciences, Other

- \* 02.9999 Agriculture/Agricultural Sciences, Other

### 03. CONSERVATION & RENEWABLE NATURAL RESRCES.

#### 03.01 Natural Resources Conservation

- 03.0101 Natural Resources Conservation, General
- 03.0102 Environmental Science/Studies

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

### 03.02 Natural Resources Mgmt & Protective Services

- 03.0201 Natural Resources Management and Policy
- \* 03.0203 Natural Resources Law Enforcement & Protective Svcs
- \* 03.0299 Natural Resources Mgmt & Protective Svcs, Other

### 03.03 Fishing and Fisheries Sciences and Management

- 03.0301 Fishing and Fisheries Sciences and Management

### 03.04 Forest Production and Processing

- \* 03.0401 Forest Harvesting & Production Technology/Technician
- \* 03.0404 Forest Products Technology/Technician
- \* 03.0405 Logging/Timber Harvesting
- \* 03.0499 Forest Production and Processing, Other

### 03.05 Forestry and Related Sciences

- \* 03.0501 Forestry, General
- 03.0502 Forestry Sciences
- 03.0506 Forest Management
- 03.0509 Wood Science and Pulp/Paper Technology
- 03.0599 Forestry and Related Sciences, Other

### 03.06 Wildlife and Wildlands Management

- \* 03.0601 Wildlife and Wildlands Management

### 03.99 Conservation and Renewable Natural Resources, Other

- \* 03.9999 Conservation and Renewable Natural Resources, Other

## 04. ARCHITECTURE AND RELATED PROGRAMS

### 04.02 Architecture

- 04.0201 Architecture

### 04.03 City/Urban, Community, and Regional Planning

- 04.0301 City/Urban, Community, and Regional Planning

### 04.04 Architectural Environmental Design

- 04.0401 Architectural Environmental Design

### 04.05 Interior Architecture

- 04.0501 Interior Architecture

### 04.06 Landscape Architecture

- 04.0601 Landscape Architecture

### 04.07 Architectural Urban Design and Planning

- 04.0701 Architectural Urban Design and Planning

### 04.99 Architecture and Related Programs, Other

- 04.9999 Architecture and Related Programs, Other

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

## 05. AREA, ETHNIC AND CULTURAL STUDIES

### 05.01 Area Studies

- 05.0101 African Studies
- 05.0102 American Studies/Civilization
- 05.0103 Asian Studies
- 05.0104 East Asian Studies
- 05.0105 Eastern European Area Studies
- 05.0106 European Studies
- 05.0107 Latin American Studies
- 05.0108 Middle Eastern Studies
- 05.0109 Pacific Area Studies
- 05.0110 Russian and Slavic Area Studies
- 05.0111 Scandinavian Area 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 and Cultural Studies

- 05.0201 Afro-American (Black) Studies
- 05.0202 American Indian/Native American Studies
- 05.0203 Hispanic-American Studies
- 05.0204 Islamic Studies
- 05.0205 Jewish/Judaic Studies
- 05.0206 Asian-American Studies
- 05.0207 Women's Studies
- 05.0299 Ethnic and Cultural Studies, Other

### 05.99 Area, Ethnic, and Cultural Studies, Other

- 05.9999 Area, Ethnic, and Cultural Studies, Other

## 08. MARKETING OPERATIONS/MARKETING & DISTRIB.

### 08.01 Apparel and Accessories Marketing Operations

- \* 08.0101 Apparel & Accessories Marketing Operations, General
- \* 08.0102 Fashion Merchandising
- \* 08.0103 Fashion Modeling
- \* 08.0199 Apparel & Accessories Marketing Operations, Other

### 08.02 Business & Personal Services Marketing Operations

- \* 08.0204 Business Services Marketing Operations
- \* 08.0205 Personal Services Marketing Operations
- \* 08.0299 Business & Personal Svcs Marketing Operations, Other

### 08.03 Entrepreneurship

- \* 08.0301 Entrepreneurship

### 08.04 Financial Services Marketing Operations

- \* 08.0401 Financial Services Marketing Operations

### 08.05 Floristry Marketing Operations

- \* 08.0503 Floristry Marketing Operations



**08.06 Food Products Retailing and Wholesaling Operations**

- \* 08.0601 Food Products Retailing and Wholesaling Operations

**08.07 General Retailing & Wholesaling Operations & Skills**

- \* 08.0701 Auctioneering
- \* 08.0704 General Buying Operations
- \* 08.0705 General Retailing Operations
- \* 08.0706 General Selling Skills and Sales Operations
- \* 08.0708 General Marketing Operations
- \* 08.0709 General Distribution Operations
- \* 08.0799 Gen. Retailing & Wholesaling Operations & Skills, Oth.

**08.08 Home and Office Products Marketing Operations**

- \* 08.0809 Home Products Marketing Operations
- \* 08.0810 Office Products Marketing Operations
- \* 08.0899 Home & Office Products Marketing Operations, Other

**08.09 Hospitality and Recreation Marketing Operations**

- \* 08.0901 Hospitality & Recreation Marketing Operations, Gen.
- \* 08.0902 Hotel/Motel Services Marketing Operations
- \* 08.0903 Recreation Products/Services Marketing Operations
- \* 08.0906 Food Sales Operations
- \* 08.0999 Hospitality & Recreation Marketing Operations, Other

**08.10 Insurance Marketing Operations**

- \* 08.1001 Insurance Marketing Operations

**08.11 Tourism and Travel Services Marketing Operations**

- \* 08.1104 Tourism Promotion Operations
- \* 08.1105 Travel Services Marketing Operations
- \* 08.1199 Tourism & Travel Services Marketing Operations, Oth.

**08.12 Vehicle & Petroleum Products Marketing Operations**

- \* 08.1203 Vehicle Parts & Accessories Marketing Operations
- \* 08.1208 Vehicle Marketing Operations
- \* 08.1209 Petroleum Products Retailing Operations
- \* 08.1299 Vehicle & Petroleum Prod. Marketing Operations, Oth.

**08.13 Health Products and Services Marketing Operations**

- \* 08.1301 Health Products & Services Marketing Operations

**08.99 Marketing Operations/Marketing & Distribution, Other**

- \* 08.9999 Marketing Operations/Marketing & Distribution, Other

**09. COMMUNICATIONS**

**09.01 Communications, General**

- \* 09.0101 Communications, General

**09.02 Advertising**

- \* 09.0201 Advertising

**09.04 Journalism and Mass Communications**

- \* 09.0401 Journalism
- \* 09.0402 Broadcast Journalism
- 09.0403 Mass Communications
- \* 09.0499 Journalism and Mass Communications, Other

**09.05 Public Relations and Organizational Communications**

- 09.0501 Public Relations and Organizational Communications

**09.07 Radio and Television Broadcasting**

- \* 09.0701 Radio and Television Broadcasting

**09.99 Communications, Other**

- \* 09.9999 Communications, Other

**10. COMMUNICATIONS TECHNOLOGIES**

**10.01 Communications Technologies**

- \* 10.0101 Educational/Instructional Media Technology/Technician
- \* 10.0103 Photographic Technology/Technician
- \* 10.0104 Radio & Television Broadcasting Technol./Technician
- \* 10.0199 Communications Technologies/Technicians, 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 Technology**

- \* 11.0301 Data Processing Technology/Technician

**11.04 Information Sciences and Systems**

- 11.0401 Information Sciences and Systems

**11.05 Computer Systems Analysis**

- 11.0501 Computer Systems Analysis

**11.07 Computer Science**

- 11.0701 Computer Science

**11.99 Computer and Information Sciences, Other**

- \* 11.9999 Computer and Information Sciences, Other

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

## 12. PERSONAL AND MISCELLANEOUS SERVICES

### 12.02 Gaming and Sports Officiating Services

- \* 12.0203 Card Dealer
- \* 12.0204 Umpires and Other Sports Officials
- \* 12.0299 Gaming and Sports Officiating Services, Other

### 12.03 Funeral Services and Mortuary Science

- \* 12.0301 Funeral Services and Mortuary Science

### 12.04 Cosmetic Services

- \* 12.0401 Cosmetic Services, General
- \* 12.0402 Barber/Hairstylist
- \* 12.0403 Cosmetologist
- \* 12.0404 Electrolysis Technician
- \* 12.0405 Massage
- \* 12.0406 Make-Up Artist
- \* 12.0499 Cosmetic Services, Other

### 12.05 Culinary Arts and Related Services

- \* 12.0501 Baker/Pastry Chef
- \* 12.0502 Bartender/Mixologist
- \* 12.0503 Culinary Arts/Chef Training
- \* 12.0504 Food & Beverage/Restaurant Operations Manager
- \* 12.0505 Kitchen Personnel/Cook and Assistant Training
- \* 12.0506 Meatcutter
- \* 12.0507 Waiter/Waitress and Dining Room Manager
- \* 12.0599 Culinary Arts and Related Services, Other

### 12.99 Personal and Miscellaneous Services, Other

- \* 12.9999 Personal and Miscellaneous Services, Other

## 13. EDUCATION

### 13.01 Education, General

- 13.0101 Education, General

### 13.02 Bilingual/Bicultural Education

- 13.0201 Bilingual/Bicultural Education

### 13.03 Curriculum and Instruction

- 13.0301 Curriculum and Instruction

### 13.04 Education Administration and Supervision

- 13.0401 Education Administration and Supervision, General
- 13.0402 Administration of Special Education
- 13.0403 Adult and Continuing Education Administration
- 13.0404 Educational Supervision
- 13.0405 Elementary, Middle, & Secondary Educ. Admin.
- 13.0406 Higher Education Administration
- 13.0407 Community and Junior College Administration
- 13.0499 Education Administration and Supervision, Other

### 13.05 Educational/Instructional Media Design

- 13.0501 Educational/Instructional Media Design

### 13.06 Educational Evaluation, Research, and Statistics

- 13.0601 Educational Evaluation and Research
- 13.0603 Educational Statistics and Research Methods
- 13.0604 Educational Assessment, Testing, & Measurement
- 13.0699 Educational Evaluation, Research, & Statistics, Other

### 13.07 International and Comparative Education

- 13.0701 International and Comparative Education

### 13.08 Educational Psychology

- 13.0802 Educational Psychology

### 13.09 Social and Philosophical Foundations of Education

- 13.0901 Social & Philosophical Foundations of Education

### 13.10 Special Education

- 13.1001 Special Education, General
- 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 Blind and Visually Handicapped
- 13.1011 Education of the Specific Learning Disabled
- 13.1012 Education of the Speech Impaired
- 13.1013 Education of the Autistic
- \* 13.1099 Special Education, Other

### 13.11 Student Counseling and Personnel Services

- 13.1101 Counselor Ed. Counseling & Guidance Services
- 13.1102 College/Postsec. Student Counseling & Pers. Svcs

### 13.12 General Teacher Education

- \* 13.1201 Adult and Continuing Teacher Education
- \* 13.1202 Elementary Teacher Education
- 13.1203 Jr. High/Intermediate/Middle School Teacher Ed.
- \* 13.1204 Pre-Elem./Early Childhood/Kindergarten Teacher Ed.
- 13.1205 Secondary Teacher Education
- 13.1206 Teacher Education, Multiple Levels
- 13.1299 General Teacher Education, Other

### 13.13 Teacher Ed., Specific Academic & Vocational Prog.

- 13.1301 Agricultural Teacher Education (Vocational)
- 13.1302 Art Teacher Education
- 13.1303 Business Teacher Education (Vocational)
- 13.1304 Driver and Safety Teacher Education
- 13.1305 English Teacher Education
- 13.1306 Foreign Languages Teacher Education
- 13.1307 Health Teacher Education
- 13.1308 Home Economics Teacher Ed. (Vocational)
- 13.1309 Technology Teacher Ed./Indust. Arts Teacher Ed.
- 13.1310 Mkt. Oper. Tchr Ed./Mkt. & Distrib. Tchr Ed. (Voc.)

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

- 13.1311 Mathematics Teacher Education
- 13.1312 Music Teacher Education
- 13.1314 Physical Education Teaching and Coaching
- 13.1315 Reading Teacher Education
- 13.1316 Science Teacher Education, General
- 13.1317 Social Science Teacher Education
- 13.1318 Social Studies Teacher Education
- 13.1319 Technical Teacher Education (Vocational)
- 13.1320 Trade and Industrial Teacher Education (Voc.)
- 13.1321 Computer Teacher Education
- 13.1322 Biology Teacher Education
- 13.1323 Chemistry Teacher Education
- 13.1324 Drama and Dance Teacher Education
- 13.1325 French Language Teacher Education
- 13.1326 German Language Teacher Education
- 13.1327 Health Occupations Teacher Education (Voc.)
- 13.1328 History Teacher Education
- 13.1329 Physics Teacher Education
- 13.1330 Spanish Language Teacher Education
- 13.1331 Speech Teacher Education
- 13.1399 Teacher Ed., Specific Academic & Voc. Pgms, Oth.

**13.14 Teaching English as a Second Language/Foreign Lang.**

- 13.1401 Teaching English as a Second Lang./Foreign Lang.

**13.15 Teacher Assistant/Aide**

- \* 13.1501 Teacher Assistant/Aide

**13.99 Education, Other**

- 13.9999 Education, Other

**14. ENGINEERING**

**14.01 Engineering, General**

- 14.0101 Engineering, General

**14.02 Aerospace, Aeronautical, & Astronautical Engineering**

- 14.0201 Aerospace, Aeronautical, & 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 Sciences and Engineering**

- 14.0601 Ceramic Sciences and Engineering

**14.07 Chemical Engineering**

- 14.0701 Chemical Engineering

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**14.08 Civil Engineering**

- 14.0801 Civil Engineering, General
- 14.0802 Geotechnical Engineering
- 14.0803 Structural Engineering
- 14.0804 Transportation and Highway Engineering
- 14.0805 Water Resources Engineering
- 14.0899 Civil Engineering, Other

**14.09 Computer Engineering**

- 14.0901 Computer Engineering

**14.10 Electrical, Electronics, & Communications Engineering**

- 14.1001 Electrical, Electronics, & Communications 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/Environmental Health Engineering**

- 14.1401 Environmental/Environmental Health Engineering

**14.15 Geological Engineering**

- 14.1501 Geological Engineering

**14.16 Geophysical Engineering**

- 14.1601 Geophysical Engineering

**14.17 Industrial/Manufacturing Engineering**

- 14.1701 Industrial/Manufacturing 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
  - 14.27 **Systems Engineering**
    - 14.2701 Systems Engineering
  - 14.28 **Textile Sciences and Engineering**
    - 14.2801 Textile Sciences and Engineering
  - 14.29 **Engineering Design**
    - 14.2901 Engineering Design
  - 14.30 **Engineering/Industrial Management**
    - 14.3001 Engineering/Industrial Management
  - 14.31 **Materials Science**
    - 14.3101 Materials Science
  - 14.32 **Polymer/Plastics Engineering**
    - 14.3201 Polymer/Plastics Engineering
  - 14.99 **Engineering, Other**
    - 14.9999 Engineering, Other
- \* 15.0403 Electromechanical Technology/Technician
  - \* 15.0404 Instrumentation Technology/Technician
  - \* 15.0405 Robotics Technology/Technician
  - \* 15.0499 Electromech. Instrumt. & Maint. Tech./Techni., Oth.
- 15.05 **Environmental Control Technologies**
    - \* 15.0501 Heating, Air Cond., & Refrig. Technology/Technician
    - \* 15.0503 Energy Management & System Technol./Technician
    - \* 15.0505 Solar Technology/Technician
    - \* 15.0506 Water Quality & Wastewater Treatment Tech./Techni.
    - \* 15.0507 Environmental & Pollution Control Technol./Techni.
    - \* 15.0599 Environmental Control Technol./Technicians, Oth.
  - 15.06 **Industrial Production Technologies**
    - \* 15.0603 Industrial/Manufacturing Technology/Technician
    - \* 15.0607 Plastics Technology/Technician
    - \* 15.0611 Metallurgical Technology/Technician
    - \* 15.0699 Industrial Production Technol./Technicians, Oth.
  - 15.07 **Quality Control and Safety Technologies**
    - \* 15.0701 Occupational Safety and Health Technol./Techni.
    - \* 15.0702 Quality Control Technology/Technician
    - \* 15.0799 Quality Control & Safety Technol./Technicians, Other
  - 15.08 **Mechanical Engineering-Related Technologies**
    - \* 15.0801 Aeronautical & Aerospace Engineering Tech./Techni.
    - \* 15.0803 Automotive Engineering Technology/Technician
    - \* 15.0805 Mechanical Engineering/Mechanical Technol./Techni.
    - \* 15.0899 Mechanical Engineering-Related Tech./Techni., Other
  - 15.09 **Mining and Petroleum Technologies**
    - \* 15.0901 Mining Technology/Technician
    - \* 15.0903 Petroleum Technology/Technician
    - \* 15.0999 Mining and Petroleum Technol./Technicians, Other
  - 15.10 **Construction/Building Technology**
    - \* 15.1001 Construction/Building Technology/Technician
  - 15.11 **Miscellaneous Engineering-Related Technologies**
    - \* 15.1101 Engineering-Related Technology/Technician, General
    - \* 15.1102 Surveying
    - \* 15.1103 Hydraulic Technology/Technician
  - 15.99 **Engineering-Related Technologies, Other**
    - \* 15.9999 Engineering-Related Technologies/Technicians, Other
- 15. **ENGINEERING-RELATED TECHNOLOGIES**
  - 15.01 **Architectural Engineering Technology**
    - \* 15.0101 Architectural Engineering Technology/Technician
  - 15.02 **Civil Engineering/Civil Technology**
    - \* 15.0201 Civil Engineering/Civil Technology/Technician
  - 15.03 **Electrical & Electronic Engineering-Related Technol.**
    - \* 15.0301 Computer Engineering Technology/Technician
    - \* 15.0303 Elec., Electronics, & Commun. Engin. Technol./Techni.
    - \* 15.0304 Laser and Optical Technology/Technician
    - \* 15.0399 Elec. & Electronic Engin.-Related Tech./Techni., Oth.
  - 15.04 **Electromechanical Instrumentation & Maint. Technology**
    - \* 15.0401 Biomedical Engineering-Related Technology/Technician
    - \* 15.0402 Computer Maintenance Technology/Technician
- 16. **FOREIGN LANGUAGES AND LITERATURES**
  - 16.01 **Foreign Languages and Literatures**
    - 16.0101 Foreign Languages and Literatures, General
    - 16.0102 Linguistics
    - 16.0103 Foreign Language Interpretation and Translation

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**16.03 East and Southeast Asian Languages and Literatures**

- 16.0301 Chinese Language and Literature
- 16.0302 Japanese Language and Literature
- 16.0399 East & Southeast Asian Languages & Lit., Other

**16.04 East European Languages and Literatures**

- 16.0402 Russian Language and Literature
- 16.0403 Slavic Languages & Lit. (Other Than Russian)
- 16.0499 East European Languages and Literatures, Other

**16.05 Germanic Languages and Literatures**

- 16.0501 German Language and Literature
- 16.0502 Scandinavian Languages and Literatures
- 16.0599 Germanic Languages and Literatures, Other

**16.06 Greek Languages and Literatures (Modern)**

- 16.0602 Greek Language and Literature (Modern)

**16.07 South Asian Languages and Literatures**

- 16.0703 South Asian Languages and Literatures

**16.09 Romance Languages and Literatures**

- 16.0901 French Language and Literature
- 16.0902 Italian Language and Literature
- 16.0904 Portuguese Language and Literature
- 16.0905 Spanish Language and Literature
- 16.0999 Romance Languages and Literatures, Other

**16.11 Middle Eastern Languages and Literatures**

- 16.1101 Arabic Language and Literature
- 16.1102 Hebrew Language and Literature
- 16.1199 Middle Eastern Languages and Literatures, Other

**16.12 Classical & Ancient Near Eastern Languages & Lit.**

- 16.1201 Classics & Classical Languages & Literatures
- 16.1202 Greek Language & Lit. (Ancient & Medieval)
- 16.1203 Latin Language & Lit. (Ancient & Medieval)
- 16.1299 Classic. & Ancient Near Eastern Languages & Lit, Oth.

**16.99 Foreign Languages and Literatures, Other**

- 16.9999 Foreign Languages and Literatures, Other

**19. HOME ECONOMICS**

**19.01 Home Economics, General**

- 19.0101 Home Economics, General

**19.02 Home Economics Business Services**

- 19.0201 Business Home Economics
- 19.0202 Home Economics Communications

**19.03 Family and Community Studies**

- 19.0301 Family and Community Studies

**19.04 Family/Consumer Resource Management**

- 19.0401 Family Resource Management Studies
- 19.0402 Consumer Economics and Science
- 19.0499 Family/Consumer Resource Management, Other

**19.05 Foods and Nutrition Studies**

- 19.0501 Foods and Nutrition Studies, General
- 19.0502 Foods and Nutrition Science
- 19.0503 Dietetics/Human Nutritional Services
- 19.0505 Food Systems Administration
- 19.0599 Foods and Nutrition Studies, Other

**19.06 Housing Studies**

- 19.0601 Housing Studies, General
- 19.0603 Interior Environments
- 19.0699 Housing Studies, Other

**19.07 Individual and Family Development Studies**

- 19.0701 Individual and Family Development Studies, Gen.
- 19.0703 Family and Marriage Counseling
- 19.0704 Family Life and Relations Studies
- 19.0705 Gerontological Services
- 19.0706 Child Growth, Care, and Development Studies
- 19.0799 Individual & Family Development Studies, Other

**19.09 Clothing/Apparel and Textile Studies**

- 19.0901 Clothing/Apparel and Textile Studies

**19.99 Home Economics, Other**

- \* 19.9999 Home Economics, Other

**20. VOCATIONAL HOME ECONOMICS**

**20.02 Child Care and Guidance Workers and Managers**

- \* 20.0201 Child Care & Guidance Workers & Mngrs, Gen.
- \* 20.0202 Child Care Provider/Assistant
- \* 20.0203 Child Care Services Manager
- \* 20.0299 Child Care & Guidance Workers & Mngrs, Other

**20.03 Clothing, Apparel, and Textile Workers and Managers**

- \* 20.0301 Clothing, Apparel, & Textile Wkrs & Mngrs, Gen.
- \* 20.0303 Commercial Garment and Apparel Worker
- \* 20.0305 Custom Tailor
- \* 20.0306 Fashion and Fabric Consultant
- \* 20.0309 Drycleaner and Launderer (Commercial)
- \* 20.0399 Clothing, Apparel, & Textile Wkrs & Mngrs, Oth.

**20.04 Institutional Food Workers and Administrators**

- \* 20.0401 Institutional Food Wkrs & Administrators, Gen.
- \* 20.0404 Dietician Assistant

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

- \* 20.0405 Food Caterer
- \* 20.0409 Institutional Food Services Administrator
- \* 20.0499 Institutional Food Wkrs & Administrators, Other

**20.05 Home Furnishings & Equip. Installers & Consultants**

- \* 20.0501 Home Furnish. & Equip. Install. & Consult., Gen.
- \* 20.0502 Window Treatment Maker and Installer
- \* 20.0599 Home Furnish. & Equip. Install. & Consult., Oth.

**20.06 Custodial, Housekeeping, & Home Svcs Wkrs & Mngrs**

- \* 20.0601 Cust., Hsekeeping, & Home Svcs Wkrs & Mngrs, Gen.
- \* 20.0602 Elder Care Provider/Companion
- \* 20.0604 Custodian/Caretaker
- \* 20.0605 Executive Housekeeper
- \* 20.0606 Homemaker's Aide
- \* 20.0699 Cust., Hsekeeping, & Home Svcs Wkrs & Mngrs, Oth.

**20.99 Vocational Home Economics, Other**

- \* 20.9999 Vocational Home Economics, Other

**22. LAW AND LEGAL STUDIES**

**22.01 Law and Legal Studies**

- + 22.0101 Law (LL.B., J.D.)
- 22.0102 Pre-Law Studies
- \* 22.0103 Paralegal/Legal Assistant
- 22.0104 Jurid Sci/Legal Spec(LL.M.,M.C.L.,J.S.D./S.J.D.)
- 22.0199 Law and Legal Studies, Other

**23. ENGLISH LANGUAGE AND LITERATURE/LETTERS**

**23.01 English Language and Literature, General**

- 23.0101 English Language and Literature, General

**23.03 Comparative Literature**

- 23.0301 Comparative Literature

**23.04 English Composition**

- 23.0401 English Composition

**23.05 English Creative Writing**

- 23.0501 English Creative Writing

**23.07 American Literature (United States)**

- 23.0701 American Literature (United States)

**23.08 English Literature (British and Commonwealth)**

- 23.0801 English Literature (British and Commonwealth)

**23.10 Speech and Rhetorical Studies**

- 23.1001 Speech and Rhetorical Studies

**23.11 English Technical and Business Writing**

- 23.1101 English Technical and Business Writing

**23.99 English Language and Literature/Letters, Other**

- 23.9999 English Language and Literature/Letters, Other

**24. LIBERAL ARTS & SCI., GEN. STUDIES & HUMANITIES**

**24.01 Liberal Arts & Sciences, General Studies & Humanities**

- 24.0101 Liberal Arts and Sciences/Liberal Studies
- 24.0102 General Studies
- 24.0103 Humanities/Humanistic Studies
- 24.0199 Liberal Arts & Sci., Gen. Stud. & Human., Oth.

**25. LIBRARY SCIENCE**

**25.01 Library Science/Librarianship**

- 25.0101 Library Science/Librarianship

**25.03 Library Assistant**

- \* 25.0301 Library Assistant

**25.99 Library Science, Other**

- 25.9999 Library Science, Other

**26. BIOLOGICAL SCIENCES/LIFE SCIENCES**

**26.01 Biology, General**

- 26.0101 Biology, General

**26.02 Biochemistry and Biophysics**

- 26.0202 Biochemistry
- 26.0203 Biophysics

**26.03 Botany**

- 26.0301 Botany, General
- 26.0305 Plant Pathology
- 26.0307 Plant Physiology
- 26.0399 Botany, Other

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

## 26.04 Cell and Molecular Biology

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

## 26.05 Microbiology/Bacteriology

- 26.0501 Microbiology/Bacteriology

## 26.06 Miscellaneous Biological Specializations

- 26.0601 Anatomy
- 26.0603 Ecology
- 26.0607 Marine/Aquatic Biology
- 26.0608 Neuroscience
- 26.0609 Nutritional Sciences
- 26.0610 Parasitology
- 26.0611 Radiation Biology/Radiobiology
- 26.0612 Toxicology
- 26.0613 Genetics, Plant and Animal
- 26.0614 Biometrics
- 26.0615 Biostatistics
- 26.0616 Biotechnology Research
- 26.0617 Evolutionary Biology
- 26.0618 Biological Immunology
- 26.0619 Virology
- 26.0699 Miscellaneous Biological Specializations, Other

## 26.07 Zoology

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

## 26.99 Biological Sciences/Life Sciences, Other

- 26.9999 Biological Sciences/Life Sciences, Other

## 27. MATHEMATICS

### 27.01 Mathematics

- 27.0101 Mathematics

### 27.03 Applied Mathematics

- 27.0301 Applied Mathematics, General
- 27.0302 Operations Research
- 27.0399 Applied Mathematics, Other

### 27.05 Mathematical Statistics

- 27.0501 Mathematical Statistics

### 27.99 Mathematics, Other

- 27.9999 Mathematics, Other

## 29. MILITARY TECHNOLOGIES

### 29.01 Military Technologies

- 29.0101 Military Technologies

## 30. MULTI/INTERDISCIPLINARY STUDIES

### 30.01 Biological and Physical Sciences

- 30.0101 Biological and Physical Sciences

### 30.05 Peace and Conflict Studies

- 30.0501 Peace and Conflict Studies

### 30.06 Systems Science and Theory

- 30.0601 Systems Science and Theory

### 30.08 Mathematics and Computer Science

- 30.0801 Mathematics and Computer Science

### 30.10 Biopsychology

- 30.1001 Biopsychology

### 30.11 Gerontology

- 30.1101 Gerontology

### 30.12 Historic Preservation, Conserv., & Architec. History

- 30.1201 Historic Preserv., Conserv., & Architec. History

### 30.13 Medieval and Renaissance Studies

- 30.1301 Medieval and Renaissance Studies

### 30.14 Museology/Museum Studies

- 30.1401 Museology/Museum Studies

### 30.15 Science, Technology and Society

- 30.1501 Science, Technology and Society

### 30.99 Multi/Interdisciplinary Studies, Other

- 30.9999 Multi/Interdisciplinary Studies, Other

## 31. PARKS, RECREATION, LEISURE, & FITNESS STUDIES

### 31.01 Parks, Recreation, and Leisure Studies

- 31.0101 Parks, Recreation, and Leisure Studies

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**31.03 Parks, Recreation, and Leisure Facilities Management**

- \* 31.0301 Parks, Recreation, & Leisure Facilities Management

**31.05 Health and Physical Education/Fitness**

- 31.0501 Health and Physical Education, General
- 31.0502 Adapted Phys. Education/Therapeutic Recreation
- \* 31.0503 Athletic Training and Sports Medicine
- 31.0504 Sport and Fitness Administration/Management
- 31.0505 Exercise Sci./Physiology & Movement Studies
- 31.0506 Socio-Psychological Sports Studies
- \* 31.0599 Health and Physical Education/Fitness, Other

**31.99 Parks, Recreation, Leisure, & Fitness Studies, Other**

- \* 31.9999 Parks, Recreation, Leisure, & Fitness Studies, Oth.

**38. PHILOSOPHY AND RELIGION**

**38.01 Philosophy**

- 38.0101 Philosophy

**38.02 Religion/Religious Studies**

- 38.0201 Religion/Religious Studies

**38.99 Philosophy and Religion**

- 38.9999 Philosophy and Religion

**39. THEOLOGICAL STUDIES AND RELIGIOUS VOCATIONS**

**39.01 Biblical & Other Theological Languages & Literatures**

- 39.0101 Biblical & Other Theological Languages & Lit.

**39.02 Bible/Biblical Studies**

- 39.0201 Bible/Biblical Studies

**39.03 Missions/Missionary Studies and Misology**

- 39.0301 Missions/Missionary Studies and Misology

**39.04 Religious Education**

- 39.0401 Religious Education

**39.05 Religious/Sacred Music**

- 39.0501 Religious/Sacred Music

**39.06 Theological and Ministerial Studies**

- 39.0601 Theology/Theological Studies
- + 39.0602 Divinity/Ministry (B.D., M.Div.)
- + 39.0603 Rabbinical and Talmudic Studies (M.H.L./Rav)
- 39.0604 Pre-Theological/Pre-Ministerial Studies

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

- + 39.0605 Ordination, Other
- 39.0606 Talmudic Studies (bachelor's level or equivalent)
- 39.0699 Theological and Ministerial Studies, Other

**39.07 Pastoral Counseling and Specialized Ministries**

- 39.0701 Pastoral Counseling and Specialized Ministries

**39.99 Theological Studies and Religious Vocations, Other**

- 39.9999 Theological Studies & Religious Vocations, 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 Medicinal/Pharmaceutical Chemistry
- 40.0506 Physical and Theoretical Chemistry
- 40.0507 Polymer Chemistry
- 40.0599 Chemistry, Other

**40.06 Geological and Related Sciences**

- 40.0601 Geology
- 40.0602 Geochemistry
- 40.0603 Geophysics and Seismology
- 40.0604 Paleontology
- 40.0699 Geological and Related Sciences, Other

**40.07 Miscellaneous Physical Sciences**

- 40.0701 Metallurgy
- 40.0702 Oceanography
- 40.0703 Earth and Planetary Sciences
- 40.0799 Miscellaneous Physical Sciences, Other

**40.08 Physics**

- 40.0801 Physics, General
- 40.0802 Chemical and Atomic/Molecular Physics
- 40.0804 Elementary Particle Physics
- 40.0805 Plasma and High-Temperature Physics
- 40.0806 Nuclear Physics



- 40.0807 Optics
  - 40.0808 Solid State and Low-Temperature Physics
  - 40.0809 Acoustics
  - 40.0810 Theoretical and Mathematical Physics
  - 40.0899 Physics, Other
- 40.99 Physical Sciences, Other**
- 40.9999 Physical Sciences, Other

**41. SCIENCE TECHNOLOGIES**

**41.01 Biological Technology**

- \* 41.0101 Biological Technology/Technician

**41.02 Nuclear and Industrial Radiologic Technologies**

- \* 41.0204 Industrial Radiologic Technology/Technician
- \* 41.0205 Nuclear/Nuclear Power Technol./Technician
- \* 41.0299 Nuclear & Indust. Radiol. Technol./Techni., Oth.

**41.03 Physical Science Technologies**

- \* 41.0301 Chemical Technology/Technician
- \* 41.0399 Physical Science Technol./Technicians, Other

**41.99 Science Technologies, Other**

- \* 41.9999 Science Technologies/Technicians, Other

**42. PSYCHOLOGY**

**42.01 Psychology**

- 42.0101 Psychology, General

**42.02 Clinical Psychology**

- 42.0201 Clinical Psychology

**42.03 Cognitive Psychology and Psycholinguistics**

- 42.0301 Cognitive Psychology and Psycholinguistics

**42.04 Community Psychology**

- 42.0401 Community Psychology

**42.06 Counseling Psychology**

- 42.0601 Counseling Psychology

**42.07 Developmental and Child Psychology**

- 42.0701 Developmental and Child Psychology

**42.08 Experimental Psychology**

- 42.0801 Experimental Psychology

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**42.09 Industrial and Organizational Psychology**

- 42.0901 Industrial and Organizational Psychology

**42.11 Physiological Psychology/Psychobiology**

- 42.1101 Physiological Psychology/Psychobiology

**42.16 Social Psychology**

- 42.1601 Social Psychology

**42.17 School Psychology**

- 42.1701 School Psychology

**42.99 Psychology, Other**

- 42.9999 Psychology, Other

**43. PROTECTIVE SERVICES**

**43.01 Criminal Justice and Corrections**

- \* 43.0102 Corrections/Correctional Administration
- \* 43.0103 Criminal Justice/Law Enforcemnt Administration
- 43.0104 Criminal Justice Studies
- \* 43.0106 Forensic Technology/Technician
- \* 43.0107 Law Enforcement/Police Science
- \* 43.0109 Security and Loss Prevention Services
- \* 43.0199 Criminal Justice and Corrections, Other

**43.02 Fire Protection**

- \* 43.0201 Fire Protection and Safety Technol./Techni.
- \* 43.0202 Fire Services Administration
- \* 43.0203 Fire Science/Firefighting
- \* 43.0299 Fire Protection, Other

**43.99 Protective Services, Other**

- \* 43.9999 Protective Services, Other

**44. PUBLIC ADMINISTRATION AND SERVICES**

**44.02 Community Organization, Resources, and Services**

- 44.0201 Community Organization, Resources, & Services

**44.04 Public Administration**

- 44.0401 Public Administration

**44.05 Public Policy Analysis**

- 44.0501 Public Policy Analysis

**44.07 Social Work**

- 44.0701 Social Work

**44.99 Public Administration and Services, Other**

\* 44.9999 Public Administration and Services, Other

**45. SOCIAL SCIENCES AND HISTORY**

**45.01 Social Sciences, General**

45.0101 Social Sciences, General

**45.02 Anthropology**

45.0201 Anthropology

**45.03 Archeology**

45.0301 Archeology

**45.04 Criminology**

45.0401 Criminology

**45.05 Demography/Population Studies**

45.0501 Demography/Population Studies

**45.06 Economics**

45.0601 Economics, General  
45.0602 Applied and Resource Economics  
45.0603 Econometrics and Quantitative Economics  
45.0604 Development Economics & Internat'l Developmnt  
45.0605 International Economics  
45.0699 Economics, Other

**45.07 Geography**

45.0701 Geography  
45.0702 Cartography

**45.08 History**

45.0801 History, General  
45.0802 American (United States) History  
45.0803 European History  
45.0804 History & Philosophy of Science & Technology  
45.0805 Public/Applied History & Archival Administration  
45.0899 History, Other

**45.09 International Relations and Affairs**

45.0901 International Relations and Affairs

**45.10 Political Science and Government**

45.1001 Political Science, General  
45.1002 American Government and Politics  
45.1099 Political Science and Government, Other

**45.11 Sociology**

45.1101 Sociology

**45.12 Urban Affairs/Studies**

45.1201 Urban Affairs/Studies

**45.99 Social Sciences and History, Other**

45.9999 Social Sciences and History, Other

**46. CONSTRUCTION TRADES**

**46.01 Masons and Tile Setters**

\* 46.0101 Mason and Tile Setter

**46.02 Carpenters**

\* 46.0201 Carpenter

**46.03 Electrical and Power Transmission Installers**

\* 46.0301 Electrical & Power Transmission Installer, Gen.  
\* 46.0302 Electrician  
\* 46.0303 Lineworker  
\* 46.0399 Electrical & Power Transmission Installers, Other

**46.04 Construction and Building Finishers and Managers**

\* 46.0401 Building/Property Maintenance and Manager  
\* 46.0403 Construction/Building Inspector  
\* 46.0408 Painter and Wall Coverer  
\* 46.0499 Construction & Building Finishers & Mngrs, Oth.

**46.05 Plumbers and Pipefitters**

\* 46.0501 Plumber and Pipefitter

**46.99 Construction Trades, Other**

\* 46.9999 Construction Trades, Other

**47. MECHANICS AND REPAIRERS**

**47.01 Electrical & Electronics Equip. Installers & Repairers**

\* 47.0101 Elec. & Electronic Equip. Install. & Repairer, Gen.  
\* 47.0102 Business Machine Repairer  
\* 47.0103 Communication Systems Installer and Repairer  
\* 47.0104 Computer Installer and Repairer  
\* 47.0105 Industrial Electronics Installer and Repairer  
\* 47.0106 Major Appliance Installer and Repairer  
\* 47.0199 Elec. & Electronic Equip. Install. & Repairers, Oth.

**47.02 Heating, Air Cond., & Refrig. Mechanics & Repairers**

\* 47.0201 Heating, Air Cond., & Refrig. Mech. & Repairer

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**47.03 Industrial Equipment Maintenance and Repairers**

- \* 47.0302 Heavy Equipment Maintenance and Repairer
- \* 47.0303 Industrial Machinery Maintenance and Repairer
- \* 47.0399 Industrial Equip. Maintenance & Repairers, Other

**47.04 Miscellaneous Mechanics and Repairers**

- \* 47.0401 Instrument Calibration and Repairer
- \* 47.0402 Gunsmith
- \* 47.0403 Locksmith and Safe Repairer
- \* 47.0404 Musical Instrument Repairer
- \* 47.0408 Watch, Clock, and Jewelry Repairer
- \* 47.0499 Miscellaneous Mechanics and Repairers, Other

**47.05 Stationary Energy Sources Installers and Operators**

- \* 47.0501 Stationary Energy Sources Installer and Operator

**47.06 Vehicle & Mobile Equipment Mechanics & Repairers**

- \* 47.0603 Auto/Automotive Body Repairer
- \* 47.0604 Auto/Automotive Mechanic/Technician
- \* 47.0605 Diesel Engine Mechanic and Repairer
- \* 47.0606 Small Engine Mechanic and Repairer
- \* 47.0607 Aircraft Mechanic/Technician, Airframe
- \* 47.0608 Aircraft Mechanic/Technician, Powerplant
- \* 47.0609 Aviation Sys. & Avionics Maint. Technol./Techni.
- \* 47.0610 Bicycle Mechanic and Repairer
- \* 47.0611 Motorcycle Mechanic and Repairer
- \* 47.0699 Vehicle & Mobile Equip. Mech. & Repairs, Other

**47.99 Mechanics and Repairers, Other**

- \* 47.9999 Mechanics and Repairers, Other

**48. PRECISION PRODUCTION TRADES****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 Equipment Operators**

- \* 48.0201 Graphic & Printing Equipment Operator, General
- \* 48.0205 Mechanical Typesetter and Composer
- \* 48.0206 Lithographer and Platemaker
- \* 48.0208 Printing Press Operator
- \* 48.0211 Computer Typogr. & Composition Equip. Oper.
- \* 48.0212 Desktop Publishing Equipment Operator
- \* 48.0299 Graphic & Printing Equipment Operators, Other

**48.03 Leatherworkers and Upholsterers**

- \* 48.0303 Upholsterer
- \* 48.0304 Shoe, Boot, and Leather Repairer
- \* 48.0399 Leatherworkers and Upholsterers, Other

**48.05 Precision Metal Workers**

- \* 48.0501 Machinist/Machine Technologist
- \* 48.0503 Machine Shop Assistant
- \* 48.0506 Sheet Metal Worker
- \* 48.0507 Tool and Die Maker/Technologist
- \* 48.0508 Welder/Welding Technologist
- \* 48.0599 Precision Metal Workers, Other

**48.07 Woodworkers**

- \* 48.0701 Woodworkers, General
- \* 48.0702 Furniture Designer and Maker
- \* 48.0703 Cabinet Maker and Millworker
- \* 48.0799 Woodworkers, Other

**48.99 Precision Production Trades, Other**

- \* 48.9999 Precision Production Trades, Other

**49. TRANSPORTATION & MATERIALS MOVING WORKERS****49.01 Air Transportation Workers**

- 49.0101 Aviation and Airway Science
- \* 49.0102 Aircraft Pilot and Navigator (Professional)
- \* 49.0104 Aviation Management
- 49.0105 Air Traffic Controller
- \* 49.0106 Flight Attendant
- 49.0107 Aircraft Pilot (Private)
- \* 49.0199 Air Transportation Workers, Other

**49.02 Vehicle and Equipment Operators**

- \* 49.0202 Construction Equipment Operator
- \* 49.0205 Truck, Bus, & Other Commercial Vehicle Oper.
- \* 49.0299 Vehicle and Equipment Operators, Other

**49.03 Water Transportation Workers**

- \* 49.0303 Fishing Technology/Commercial Fishing
- \* 49.0304 Diver (Professional)
- \* 49.0306 Marine Maintenance and Ship Repairer
- \* 49.0309 Marine Science/Merchant Marine Officer
- \* 49.0399 Water Transportation Workers, Other

**49.99 Transportation and Materials Moving Workers, Other**

- \* 49.9999 Transportation & Materials Moving Workers, Other

**50. VISUAL AND PERFORMING ARTS****50.01 Visual and Performing Arts**

- \* 50.0101 Visual and Performing Arts

**50.02 Crafts, Folk Art, and Artisanry**

- \* 50.0201 Crafts, Folk Art, and Artisanry

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

### 50.03 Dance

- \* 50.0301 Dance

### 50.04 Design and Applied Arts

- \* 50.0401 Design and Visual Communications
- \* 50.0402 Graphic Design, Commercial Art, and Illustration
- \* 50.0404 Industrial Design
- \* 50.0406 Commercial Photography
- \* 50.0407 Fashion Design and Illustration
- \* 50.0408 Interior Design
- \* 50.0499 Design and Applied Arts, Other

### 50.05 Dramatic/Theater Arts and Stagecraft

- 50.0501 Drama/Theater Arts, General
- \* 50.0502 Technical Theater/Theater Design and Stagecraft
- \* 50.0503 Acting and Directing
- 50.0504 Playwriting and Screenwriting
- 50.0505 Drama/Theater Literature, History, and Criticism
- \* 50.0599 Dramatic/Theater Arts and Stagecraft, Other

### 50.06 Film/Video and Photographic Arts

- 50.0601 Film/Cinema Studies
- \* 50.0602 Film-Video Making/Cinematography & Production
- \* 50.0605 Photography
- \* 50.0699 Film/Video and Photographic Arts, Other

### 50.07 Fine Arts and Art Studies

- 50.0701 Art, General
- \* 50.0702 Fine/Studio Arts
- 50.0703 Art History, Criticism, and Conservation
- 50.0704 Arts Management
- \* 50.0705 Drawing
- \* 50.0706 Intermedia
- \* 50.0708 Painting
- \* 50.0709 Sculpture
- \* 50.0710 Printmaking
- \* 50.0711 Ceramics Arts and Ceramics
- \* 50.0712 Fiber, Textile, and Weaving Arts
- \* 50.0713 Metal and Jewelry Arts
- \* 50.0799 Fine Arts and Art Studies, Other

### 50.09 Music

- 50.0901 Music, General
- 50.0902 Music History and Literature
- \* 50.0903 Music - General Performance
- 50.0904 Music Theory and Composition
- 50.0905 Musicology and Ethnomusicology
- 50.0906 Music Conducting
- \* 50.0907 Music - Piano and Organ Performance
- \* 50.0908 Music - Voice and Choral/Opera Performance
- 50.0909 Music Business Management and Merchandising
- \* 50.0999 Music, Other

### 50.99 Visual and Performing Arts, Other

- \* 50.9999 Visual and Performing Arts, Other

## 51. HEALTH PROFESSIONS AND RELATED SCIENCES

### 51.01 Chiropractic (D.C., D.C.M.)

- + 51.0101 Chiropractic (D.C., D.C.M.)

### 51.02 Communication Disorders Sciences and Services

- 51.0201 Communication Disorders, General
- 51.0202 Audiology/Hearing Sciences
- 51.0203 Speech-Language Pathology
- 51.0204 Speech-Language Pathology and Audiology
- \* 51.0205 Sign Language Interpreter
- 51.0299 Communication Disorders Sci. & Services, Oth.

### 51.03 Community Health Services

- \* 51.0301 Community Health Liaison

### 51.04 Dentistry (D.D.S., D.M.D.)

- + 51.0401 Dentistry (D.D.S., D.M.D.)

### 51.05 Dental Clinical Sci./Graduate Dentistry (M.S., Ph.D.)

- 51.0501 Dental Clinical Sci./Grad. Dentistry (M.S., Ph.D.)

### 51.06 Dental Services

- \* 51.0601 Dental Assistant
- \* 51.0602 Dental Hygienist
- \* 51.0603 Dental Laboratory Technician
- \* 51.0699 Dental Services, Other

### 51.07 Health and Medical Administrative Services

- 51.0701 Health System/Health Services Administration
- 51.0702 Hospital/Health Facilities Administration
- \* 51.0703 Health Unit Coordinator/Ward Clerk
- \* 51.0704 Health Unit Manager/Ward Supervisor
- \* 51.0705 Medical Office Management
- \* 51.0706 Medical Records Administration
- \* 51.0707 Medical Records Technology/Technician
- \* 51.0708 Medical Transcription
- \* 51.0799 Health & Medical Administrative Services, Other

### 51.08 Health and Medical Assistants

- \* 51.0801 Medical Assistant
- \* 51.0802 Medical Laboratory Assistant
- \* 51.0803 Occupational Therapy Assistant
- \* 51.0804 Ophthalmic Medical Assistant
- \* 51.0805 Pharmacy Technician/Assistant
- \* 51.0806 Physical Therapy Assistant
- \* 51.0807 Physician Assistant
- \* 51.0808 Veterinarian Assistant/Animal Health Technician
- \* 51.0899 Health and Medical Assistants, Other

### 51.09 Health & Medical Diagnostic & Treatment Services

- \* 51.0901 Cardiovascular Technology/Technician
- \* 51.0902 Electrocardiograph Technology/Technician
- \* 51.0903 Electroencephalograph Technology/Technician
- \* 51.0904 Emergency Medical Technology/Technician
- \* 51.0905 Nuclear Medical Technology/Technician

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

- \* 51.0906 Perfusion Technology/Technician
- \* 51.0907 Medical Radiologic Technology/Technician
- \* 51.0908 Respiratory Therapy Technician
- \* 51.0909 Surgical/Operating Room Technician
- \* 51.0910 Diagnostic Medical Sonography
- \* 51.0999 Health & Med. Diagnostic & Treatment Svcs, Oth.

#### 51.10 Health and Medical Laboratory Technologies

- \* 51.1001 Blood Bank Technology/Technician
- \* 51.1002 Cytotechnologist
- \* 51.1003 Hematology Technology/Technician
- \* 51.1004 Medical Laboratory Technician
- 51.1005 Medical Technology
- \* 51.1006 Optometric/Ophthalmic Laboratory Technician
- \* 51.1099 Health & Med. Laboratory Technol./Techni., Oth.

#### 51.11 Health and Medical Preparatory Programs

- 51.1101 Pre-Dentistry Studies
- 51.1102 Pre-Medicine Studies
- 51.1103 Pre-Pharmacy Studies
- 51.1104 Pre-Veterinary Studies
- 51.1199 Health and Medical Preparatory Programs, Other

#### 51.1201 Medicine (M.D.)

- + 51.1201 Medicine (M.D.)

#### 51.13 Medical Basic Sciences

- 51.1301 Medical Anatomy
- 51.1302 Medical Biochemistry
- 51.1303 Medical Biomathematics and Biometrics
- 51.1304 Medical Physics/Biophysics
- 51.1305 Medical Cell Biology
- 51.1306 Medical Genetics
- 51.1307 Medical Immunology
- 51.1308 Medical Microbiology
- 51.1309 Medical Molecular Biology
- 51.1310 Medical Neurobiology
- 51.1311 Medical Nutrition
- 51.1312 Medical Pathology
- 51.1313 Medical Physiology
- 51.1314 Medical Toxicology
- 51.1399 Medical Basic Sciences, Other

#### 51.14 Medical Clinical Sciences (M.S., Ph.D.)

- 51.1401 Medical Clinical Sciences (M.S., Ph.D.)

#### 51.15 Mental Health Services

- \* 51.1501 Alcohol/Drug Abuse Counseling
- \* 51.1502 Psychiatric/Mental Health Services Technician
- 51.1503 Clinical and Medical Social Work
- \* 51.1599 Mental Health Services, Other

#### 51.16 Nursing

- \* 51.1601 Nursing (R.N. Training)
- 51.1602 Nursing Administration (Post-R.N.)
- 51.1603 Nursing, Adult Health (Post-R.N.)
- 51.1604 Nursing Anesthetist (Post-R.N.)
- 51.1605 Nursing, Family Practice (Post-R.N.)
- 51.1606 Nursing, Maternal/Child Health (Post-R.N.)

- 51.1607 Nursing Midwifery (Post-R.N.)
- 51.1608 Nursing Science (Post-R.N.)
- 51.1609 Nursing, Pediatric (Post-R.N.)
- 51.1610 Nursing, Psychiatric/Mental Health (Post-R.N.)
- 51.1611 Nursing, Public Health (Post-R.N.)
- 51.1612 Nursing, Surgical (Post-R.N.)
- \* 51.1613 Practical Nurse (L.P.N. Training)
- \* 51.1614 Nurse Assistant/Aide
- \* 51.1615 Home Health Aide
- \* 51.1699 Nursing, Other

#### 51.17 Optometry (O.D.)

- + 51.1701 Optometry (O.D.)

#### 51.18 Ophthalmic/Optometric Services

- \* 51.1801 Opticianry/Dispensing Optician
- \* 51.1802 Optical Technician/Assistant
- \* 51.1803 Ophthalmic Medical Technologist
- \* 51.1804 Orthoptics
- \* 51.1899 Ophthalmic/Optometric Services, Other

#### 51.19 Osteopathic Medicine (D.O.)

- + 51.1901 Osteopathic Medicine (D.O.)

#### 51.20 Pharmacy

- 51.2001 Pharmacy (B. Pharm.)
- + 51.2001 Pharmacy (Pharm.D.)
- 51.2002 Pharmacy Administration and Pharmaceutics
- 51.2003 Medical Pharmacology & Pharmaceutical Sci.
- 51.2099 Pharmacy, Other

#### 51.21 Podiatry (D.P.M., D.P., Pod.D.)

- + 51.2101 Podiatry (D.P.M., D.P., Pod.D.)

#### 51.22 Public Health

- 51.2201 Public Health, General
- 51.2202 Environmental Health
- 51.2203 Epidemiology
- 51.2204 Health and Medical Biostatistics
- 51.2205 Health Physics/Radiologic Health
- 51.2206 Occupational Health and Industrial Hygiene
- 51.2207 Public Health Education and Promotion
- 51.2299 Public Health, Other

#### 51.23 Rehabilitation/Therapeutic Services

- 51.2301 Art Therapy
- 51.2302 Dance Therapy
- \* 51.2303 Hypnotherapy
- 51.2304 Movement Therapy
- 51.2305 Music Therapy
- \* 51.2306 Occupational Therapy
- \* 51.2307 Orthotics/Prosthetics
- \* 51.2308 Physical Therapy
- \* 51.2309 Recreational Therapy
- \* 51.2310 Vocational Rehabilitation Counseling
- \* 51.2399 Rehabilitation/Therapeutic Services, Other

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**51.24 Veterinary Medicine (D.V.M.)**

+ 51.2401 Veterinary Medicine (D.V.M.)

**51.25 Veterinary Clinical Sciences (M.S., Ph.D.)**

51.2501 Veterinary Clinical Sciences (M.S., Ph.D.)

**51.26 Miscellaneous Health Aides**

\* 51.2601 Health Aide

**51.27 Miscellaneous Health Professions**

\* 51.2701 Acupuncture and Oriental Medicine

\* 51.2702 Medical Dietician

51.2703 Medical Illustrating

51.2704 Naturopathic Medicine

51.2705 Psychoanalysis

**51.99 Health Professions and Related Sciences, Other**

\* 51.9999 Health Professions and Related Sciences, Other

**52. BUSINESS MANAGEMENT & ADMINISTRATIVE SVCS**

**52.01 Business**

\* 52.0101 Business, General

**52.02 Business Administration and Management**

\* 52.0201 Business Administration & Management, General

\* 52.0202 Purchasing, Procurement, & Contracts Mgmt

52.0203 Logistics and Materials Management

\* 52.0204 Office Supervision and Management

\* 52.0205 Operations Management and Supervision

\* 52.0206 Non-Profit and Public Management

\* 52.0299 Business Administration and Management, Other

**52.03 Accounting**

\* 52.0301 Accounting

\* 52.0302 Accounting Technician

\* 52.0399 Accounting, Other

**52.04 Administrative and Secretarial Services**

\* 52.0401 Administrative Assistant/Secretarial Sci., Gen.

\* 52.0402 Executive Assistant/Secretary

\* 52.0403 Legal Administrative Assistant/Secretary

\* 52.0404 Medical Administrative Assistant/Secretary

\* 52.0405 Court Reporter

\* 52.0406 Receptionist

\* 52.0407 Information Processing/Data Entry Technician

\* 52.0408 General Office/Clerical and Typing Services

\* 52.0499 Administrative and Secretarial Services, Other

**52.05 Business Communications**

\* 52.0501 Business Communications

**52.06 Business/Managerial Economics**

52.0601 Business/Managerial Economics

**52.07 Enterprise Management and Operation**

\* 52.0701 Enterprise Management and Operation, General

\* 52.0702 Franchise Operation

\* 52.0799 Enterprise Management and Operation, Other

**52.08 Financial Management and Services**

\* 52.0801 Finance, General

52.0802 Actuarial Science

\* 52.0803 Banking and Financial Support Services

52.0804 Financial Planning

\* 52.0805 Insurance and Risk Management

52.0806 International Finance

52.0807 Investments and Securities

\* 52.0808 Public Finance

\* 52.0899 Financial Management and Services, Other

**52.09 Hospitality Services Management**

\* 52.0901 Hospitality/Administration Management

\* 52.0902 Hotel/Motel and Restaurant Management

\* 52.0903 Travel-Tourism Management

\* 52.0999 Hospitality Services Management, Other

**52.10 Human Resources Management**

\* 52.1001 Human Resources Management

\* 52.1002 Labor/Personnel Relations and Studies

52.1003 Organizational Behavior Studies

\* 52.1099 Human Resources Management, Other

**52.11 International Business**

52.1101 International Business

**52.12 Business Information and Data Processing Services**

\* 52.1201 Mgmt Info. Sys. & Bus. Data Processing, Gen.

\* 52.1202 Business Computer Programming/Programmer

52.1203 Business Systems Analysis and Design

\* 52.1204 Business Systems Networking & Telecommunications

\* 52.1205 Business Computer Facilities Operator

\* 52.1299 Business Info. & Data Processing Svcs, Other

**52.13 Business Quantitative Methods & Mgmt Science**

52.1301 Management Science

52.1302 Business Statistics

52.1399 Business Quantitat. Methods & Mgmt Sci., Oth.

**52.14 Marketing Management and Research**

\* 52.1401 Business Marketing and Marketing Management

52.1402 Marketing Research

52.1403 International Business Marketing

\* 52.1499 Marketing Management and Research, Other

**52.15 Real Estate**

\* 52.1501 Real Estate

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.

**52.16 Taxation**

\* 52.1601 Taxation

**52.99 Business Management & Administrative Svcs, Other**

\* 52.9999 Business Mgmt & Administrative Svcs, Other

\* Normally reserved for sub-baccalaureate occupationally-specific program data related to Federal vocational education legislation.