



# Pennsylvania Information Management System

## Volume 2

### 2018-19 Postsecondary Perkins User Manual

---

*Version 1.0*

*Pedro A. Rivera, Secretary of Education*

## Appendix A – State Abbreviations

| Code | Description          |
|------|----------------------|
| AL   | Alabama              |
| AK   | Alaska               |
| AZ   | Arizona              |
| AR   | Arkansas             |
| CA   | California           |
| CO   | Colorado             |
| CT   | Connecticut          |
| DE   | Delaware             |
| DC   | District of Columbia |
| FL   | Florida              |
| GA   | Georgia              |
| HI   | Hawaii               |
| ID   | Idaho                |
| IL   | Illinois             |
| IN   | Indiana              |
| IA   | Iowa                 |
| KS   | Kansas               |
| KY   | Kentucky             |
| LA   | Louisiana            |
| ME   | Maine                |
| MD   | Maryland             |
| MA   | Massachusetts        |
| MI   | Michigan             |
| MN   | Minnesota            |
| MS   | Mississippi          |
| MO   | Missouri             |
| MT   | Montana              |
| NE   | Nebraska             |
| NV   | Nevada               |
| NH   | New Hampshire        |
| NJ   | New Jersey           |
| NM   | New Mexico           |
| NY   | New York             |
| NC   | North Carolina       |
| ND   | North Dakota         |
| OH   | Ohio                 |
| OK   | Oklahoma             |
| OR   | Oregon               |
| PA   | Pennsylvania         |

| <b>Code</b> | <b>Description</b>                               |
|-------------|--|
| <b>RI</b>   | Rhode Island                                     |
| <b>SC</b>   | South Carolina                                   |
| <b>SD</b>   | South Dakota                                     |
| <b>TN</b>   | Tennessee  |
| <b>TX</b>   | Texas  |
| <b>UT</b>   | Utah   |
| <b>VT</b>   | Vermont  |
| <b>VA</b>   | Virginia   |
| <b>WA</b>   | Washington                                       |
| <b>WV</b>   | West Virginia                                    |
| <b>WI</b>   | Wisconsin  |
| <b>WY</b>   | Wyoming  |
| <b>AS</b>   | American Samoa                                   |
| <b>FM</b>   | Micronesia                                       |
| <b>GU</b>   | Guam   |
| <b>MH</b>   | Marshall Islands                                 |
| <b>MP</b>   | Northern Mariana Islands                         |
| <b>PR</b>   | Puerto Rico                                      |
| <b>PW</b>   | Palau  |
| <b>VI</b>   | U.S. Virgin Islands                              |
| <b>AE</b>   | Armed Forces Africa, Canada, Europe, Middle East |
| <b>AA</b>   | Armed Forces Americas (except Canada)            |
| <b>AP</b>   | Armed Forces Pacific                             |
| <b>XX</b>   | International student - other                    |

## Appendix B – Perkins Postsecondary CIP Codes

| CIP Code | CIP Cluster                           | CIP Title   |
|----------|---------------------------------------|---|
| 01.0000  | Agriculture, Food & Natural Resources | Agriculture, General  |
| 01.0101  | Agriculture, Food & Natural Resources | Agricultural Business and Management, General               |
| 01.0102  | Agriculture, Food & Natural Resources | Agribusiness/Agricultural Business Operations               |
| 01.0199  | Agriculture, Food & Natural Resources | Agricultural Business and Management, Other                 |
| 01.0507  | Agriculture, Food & Natural Resources | Equestrian/Equine Studies                                   |
| 01.0601  | Agriculture, Food & Natural Resources | Applied Horticulture/Horticultural Operations, General      |
| 01.0603  | Agriculture, Food & Natural Resources | Ornamental Horticulture                                     |
| 01.0604  | Agriculture, Food & Natural Resources | Greenhouse Operations and Management                        |
| 01.0605  | Agriculture, Food & Natural Resources | Landscaping and Groundskeeping                              |
| 01.0606  | Agriculture, Food & Natural Resources | Plant Nursery Operations and Management                     |
| 01.0607  | Agriculture, Food & Natural Resources | Turf and Turfgrass Management                               |
| 01.0608  | Agriculture, Food & Natural Resources | Floriculture/Floristry Operations and Management            |
| 01.0699  | Agriculture, Food & Natural Resources | Applied Horticulture/Horticultural Business Services, Other |
| 01.0903  | Agriculture, Food & Natural Resources | Animal Health   |
| 01.0999  | Agriculture, Food & Natural Resources | Animal Sciences, Other                                      |
| 01.1001  | Agriculture, Food & Natural Resources | Food Science  |
| 01.1103  | Agriculture, Food & Natural Resources | Horticultural Science                                       |
| 03.0101  | Agriculture, Food & Natural Resources | Natural Resources/Conservation, General                     |
| 03.0103  | Agriculture, Food & Natural Resources | Environmental Studies                                       |
| 03.0104  | Agriculture, Food & Natural Resources | Environmental Science                                       |
| 03.0501  | Agriculture, Food & Natural Resources | Forestry, General   |
| 03.0511  | Agriculture, Food & Natural Resources | Forestry Technology/Technician                              |
| 03.0601  | Agriculture, Food & Natural Resources | Wildlife, Fish and Wildlands Science and Management.        |
| 15.0505  | Agriculture, Food & Natural Resources | Solar Energy Technology/Technician                          |
| 15.0903  | Agriculture, Food & Natural Resources | Petroleum Technology/Technician                             |
| 15.0999  | Agriculture, Food & Natural Resources | Mining and Petroleum Technologies/Technicians, Other        |
| 04.0501  | Architecture & Construction           | Interior Architecture                                       |
| 04.0901  | Architecture & Construction           | Architectural Technology/Technician                         |
| 04.0902  | Architecture & Construction           | Architectural and Building Sciences/Technology              |
| 15.0101  | Architecture & Construction           | Architectural Engineering Technology/Technician             |
| 15.0201  | Architecture & Construction           | Civil Engineering Technology/Technician                     |

| CIP Code | CIP Cluster                           | CIP Title  |
|----------|---------------------------------------|--|
| 15.0501  | Architecture & Construction           | Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician |
| 15.0507  | Architecture & Construction           | Environmental Engineering Technology/Environmental Technology                              |
| 15.1102  | Architecture & Construction           | Survey Technology/ Surveying   |
| 15.1199  | Architecture & Construction           | Engineering-Related Technologies, Other  |
| 15.1303  | Architecture & Construction           | Architectural Drafting and Architectural CAD/CADD  |
| 46.0000  | Architecture & Construction           | Construction Trades, General   |
| 46.0101  | Architecture & Construction           | Mason/Masonry  |
| 46.0201  | Architecture & Construction           | Carpentry/Carpenter  |
| 46.0301  | Architecture & Construction           | Electrical and Power Transmission Installation/Installer, General                          |
| 46.0302  | Architecture & Construction           | Electrician  |
| 46.0303  | Architecture & Construction           | Lineworker   |
| 46.0399  | Architecture & Construction           | Electrical and Power Transmission Installers, Other  |
| 46.0401  | Architecture & Construction           | Building/Property Maintenance  |
| 46.0403  | Architecture & Construction           | Building/Home/Construction Inspection/Inspector  |
| 46.0408  | Architecture & Construction           | Painting/Painter and Wall Coverer  |
| 46.0412  | Architecture & Construction           | Building/Construction Site Management/Manager  |
| 46.0415  | Architecture & Construction           | Building Construction Technology   |
| 46.0499  | Architecture & Construction           | Building/Construction Finishing, Management, and Inspection, Other                         |
| 46.0502  | Architecture & Construction           | Pipefitting/Pipefitter and Sprinkler Fitter  |
| 46.0503  | Architecture & Construction           | Plumbing Technology/Plumber  |
| 46.9999  | Architecture & Construction           | Construction Trades, Other   |
| 47.0201  | Architecture & Construction           | Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician |
| 52.2001  | Architecture & Construction           | Construction Management  |
| 09.0101  | Arts, A/V Technology & Communications | Speech Communication and Rhetoric  |
| 09.0102  | Arts, A/V Technology & Communications | Mass Communication/ Media Studies  |
| 09.0199  | Arts, A/V Technology & Communications | Communication and Media Studies, Other   |
| 09.0401  | Arts, A/V Technology & Communications | Journalism   |
| 09.0402  | Arts, A/V Technology & Communications | Broadcast Journalism   |
| 09.0499  | Arts, A/V Technology & Communications | Journalism, Other  |
| 09.0902  | Arts, A/V Technology & Communications | Public Relations/Image Management  |

| CIP Code | CIP Cluster                           | CIP Title   |
|----------|---------------------------------------|---|
| 09.0903  | Arts, A/V Technology & Communications | Advertising   |
| 09.9999  | Arts, A/V Technology & Communications | Communication, Journalism and Related Programs, Other                 |
| 10.0201  | Arts, A/V Technology & Communications | Photographic and Film/ Video Technology/Technician and Assistant      |
| 10.0202  | Arts, A/V Technology & Communications | Radio and Television Broadcasting Technology/Technician               |
| 10.0203  | Arts, A/V Technology & Communications | Recording Arts Technology/Technician                                  |
| 10.0299  | Arts, A/V Technology & Communications | Audiovisual Communications Technologies/Technicians, Other            |
| 10.0303  | Arts, A/V Technology & Communications | Prepress/Desktop Publishing and Digital Imaging Design                |
| 10.0304  | Arts, A/V Technology & Communications | Animation, Interactive Technology, Video Graphics and Special Effects |
| 10.0305  | Arts, A/V Technology & Communications | Graphic and Printing Equipment Operator, General Production           |
| 10.0306  | Arts, A/V Technology & Communications | Platemaker/Imager   |
| 10.0307  | Arts, A/V Technology & Communications | Printing Press Operator   |
| 10.0308  | Arts, A/V Technology & Communications | Computer Typography and Composition Equipment Operator                |
| 10.0399  | Arts, A/V Technology & Communications | Graphic Communications, Other   |
| 10.9999  | Arts, A/V Technology & Communications | Communications Technologies/Technicians and Support Services, Other   |
| 36.0113  | Arts, A/V Technology & Communications | Computer Games and Programming Skills                                 |
| 50.0201  | Arts, A/V Technology & Communications | Crafts/Craft Design, Folk Art and Artisanry                           |
| 50.0401  | Arts, A/V Technology & Communications | Design and Visual Communications, General                             |
| 50.0402  | Arts, A/V Technology & Communications | Commercial and Advertising Art  |
| 50.0404  | Arts, A/V Technology & Communications | Industrial and Product Design   |
| 50.0406  | Arts, A/V Technology & Communications | Commercial Photography  |
| 50.0407  | Arts, A/V Technology & Communications | Fashion/Apparel Design  |
| 50.0408  | Arts, A/V Technology & Communications | Interior Design   |
| 50.0409  | Arts, A/V Technology & Communications | Graphic Design  |
| 50.0410  | Arts, A/V Technology & Communications | Illustration  |
| 50.0411  | Arts, A/V Technology & Communications | Game and Interactive Media Design                                     |
| 50.0501  | Arts, A/V Technology & Communications | Drama and Dramatics/Theatre Arts, General                             |
| 50.0502  | Arts, A/V Technology & Communications | Technical Theatre/Theatre Design and Technology                       |

| CIP Code | CIP Cluster                           | CIP Title  |
|----------|---------------------------------------|--|
| 50.0599  | Arts, A/V Technology & Communications | Dramatic/Theatre Arts and Stagecraft, Other                      |
| 50.0602  | Arts, A/V Technology & Communications | Cinematography and Film/Video Production                         |
| 50.0605  | Arts, A/V Technology & Communications | Photography  |
| 50.0699  | Arts, A/V Technology & Communications | Film/Video and Photographic Arts, Other                          |
| 50.0701  | Arts, A/V Technology & Communications | Art/Art Studies, General   |
| 50.0799  | Arts, A/V Technology & Communications | Fine Arts and Art Studies, Other                                 |
| 50.1003  | Arts, A/V Technology & Communications | Music Management   |
| 50.9999  | Arts, A/V Technology & Communications | Visual and Performing Arts, Other                                |
| 22.0301  | Business, Management & Administration | Legal Administrative Assistant/Secretary                         |
| 22.0303  | Business, Management & Administration | Court Reporting/Court Reporter                                   |
| 51.0713  | Business, Management & Administration | Medical Insurance Coding Specialist/Coder                        |
| 51.0716  | Business, Management & Administration | Medical Administrative/Executive Assistant and Medical Secretary |
| 52.0101  | Business, Management & Administration | Business/Commerce, General                                       |
| 52.0201  | Business, Management & Administration | Business Administration and Management, General                  |
| 52.0202  | Business, Management & Administration | Purchasing, Procurement/Acquisitions and Contracts Management    |
| 52.0204  | Business, Management & Administration | Office Management and Supervision                                |
| 52.0205  | Business, Management & Administration | Operations Management and Supervision                            |
| 52.0208  | Business, Management & Administration | E-Commerce/Electronic Commerce                                   |
| 52.0299  | Business, Management & Administration | Business/Managerial Operations, Other                            |
| 52.0301  | Business, Management & Administration | Accounting   |
| 52.0302  | Business, Management & Administration | Accounting Technology/Technician and Bookkeeping                 |
| 52.0305  | Business, Management & Administration | Accounting and Business/Management                               |
| 52.0399  | Business, Management & Administration | Accounting and Related Services, Other                           |
| 52.0401  | Business, Management & Administration | Administrative Assistant and Secretarial Science, General        |
| 52.0402  | Business, Management & Administration | Executive Assistant/Executive Secretary                          |
| 52.0406  | Business, Management & Administration | Receptionist   |
| 52.0407  | Business, Management & Administration | Business/Office Automation/Technology/Data Entry                 |
| 52.0408  | Business, Management & Administration | General Office Occupations and Clerical Services                 |
| 52.0411  | Business, Management & Administration | Customer Service Support/Call Center/Teleservice Operation       |
| 52.0499  | Business, Management & Administration | Business Operations Support and Secretarial Services, Other      |

| CIP Code | CIP Cluster                           | CIP Title  |
|----------|---------------------------------------|--|
| 52.0501  | Business, Management & Administration | Business/Corporate Communications  |
| 52.0701  | Business, Management & Administration | Entrepreneurship/Entrepreneurial Studies   |
| 52.0703  | Business, Management & Administration | Small Business Administration/Management   |
| 52.1001  | Business, Management & Administration | Human Resources Management/Personnel Administration, General                       |
| 52.1002  | Business, Management & Administration | Labor and Industrial Relations   |
| 52.1099  | Business, Management & Administration | Human Resources Management and Services, Other                                     |
| 52.1301  | Business, Management & Administration | Management Science   |
| 52.1401  | Business, Management & Administration | Marketing/Marketing Management, General  |
| 52.1403  | Business, Management & Administration | International Marketing  |
| 52.1501  | Business, Management & Administration | Real Estate  |
| 52.9999  | Business, Management & Administration | Business, Management, Marketing, and Related Support Services, Other               |
| 13.0101  | Education & Training                  | Education, General   |
| 13.0410  | Education & Training                  | Urban Education and Leadership   |
| 13.0501  | Education & Training                  | Educational/Instructional Technology   |
| 13.1001  | Education & Training                  | Special Education and Teaching, General  |
| 13.1202  | Education & Training                  | Elementary Education and Teaching  |
| 13.1207  | Education & Training                  | Montessori Teacher Education   |
| 13.1209  | Education & Training                  | Kindergarten/PreSchool Education and Teaching                                      |
| 13.1210  | Education & Training                  | Early Childhood Education and Teaching   |
| 13.1299  | Education & Training                  | Teacher Education and Professional Development, Specific Levels and Methods, Other |
| 13.1314  | Education & Training                  | Physical Education Teaching and Coaching   |
| 13.1399  | Education & Training                  | Teacher Education and Professional Development, Specific Subject Areas, Other      |
| 13.1401  | Education & Training                  | Teaching English as a Second or Foreign Language/ESL Language Instructor           |
| 13.1501  | Education & Training                  | Teacher Assistant/Aide   |
| 24.0102  | Education & Training                  | General Studies  |
| 25.0301  | Education & Training                  | Library and Archives Assisting   |
| 30.1201  | Education & Training                  | Historic Preservation and Conservation   |
| 30.9999  | Education & Training                  | Multi-/Interdisciplinary Studies, Other  |
| 45.0701  | Education & Training                  | Geography  |
| 52.0801  | Finance                               | Finance, General   |



| CIP Code | CIP Cluster                        | CIP Title   |
|----------|------------------------------------|---|
| 52.0803  | Finance                            | Banking and Financial Support Services                                  |
| 52.1701  | Finance                            | Insurance   |
| 52.1904  | Finance                            | Apparel and Accessories Marketing Operations                            |
| 44.0401  | Government & Public Administration | Public Administration   |
| 16.1601  | Health Science                     | American Sign Language (ASL)  |
| 16.1603  | Health Science                     | Sign Language Interpretation and Translation                            |
| 19.0501  | Health Science                     | Foods, Nutrition, and Wellness Studies, General                         |
| 26.9999  | Health Science                     | Biological and Biomedical Sciences, Other                               |
| 30.0101  | Health Science                     | Biological and Physical Sciences  |
| 42.2703  | Health Science                     | Developmental and Child Psychology                                      |
| 51.0000  | Health Science                     | Health Services/Allied Health/Health Sciences, General                  |
| 51.0601  | Health Science                     | Dental Assisting/Assistant  |
| 51.0602  | Health Science                     | Dental Hygiene/Hygienist  |
| 51.0603  | Health Science                     | Dental Laboratory Technology/Technician                                 |
| 51.0699  | Health Science                     | Dental Services and Allied Professions, Other                           |
| 51.0701  | Health Science                     | Health/Health Care Administration/Management                            |
| 51.0702  | Health Science                     | Hospital and Health Care Facilities Administration/Management           |
| 51.0703  | Health Science                     | Health Unit Coordinator/Ward Clerk                                      |
| 51.0704  | Health Science                     | Health Unit Manager/Ward Supervisor                                     |
| 51.0705  | Health Science                     | Medical Office Management/Administration                                |
| 51.0706  | Health Science                     | Health Information/Medical Records Administration/Administrator         |
| 51.0707  | Health Science                     | Health Information/Medical Records Technology/Technician                |
| 51.0708  | Health Science                     | Medical Transcription/Transcriptionist                                  |
| 51.0710  | Health Science                     | Medical Office Assistant/Specialist                                     |
| 51.0714  | Health Science                     | Medical Insurance Specialist/Medical Biller                             |
| 51.0799  | Health Science                     | Health and Medical Administrative Services, Other                       |
| 51.0801  | Health Science                     | Medical/Clinical Assistant  |
| 51.0803  | Health Science                     | Occupational Therapist Assistant  |
| 51.0805  | Health Science                     | Pharmacy Technician/Assistant   |
| 51.0806  | Health Science                     | Physical Therapy Technician/Assistant                                   |
| 51.0808  | Health Science                     | Veterinary/Animal Health Technology/Technician and Veterinary Assistant |

| CIP Code | CIP Cluster    | CIP Title  |
|----------|----------------|--|
| 51.0809  | Health Science | Anesthesiologist Assistant   |
| 51.0810  | Health Science | Emergency Care Attendant (EMT Ambulance)                                 |
| 51.0812  | Health Science | Respiratory Therapy Technician/Assistant                                 |
| 51.0899  | Health Science | Health/Medical Assisting Services, Other                                 |
| 51.0901  | Health Science | Cardiovascular Technology/Technologist                                   |
| 51.0902  | Health Science | Electrocardiograph Technology/Technician                                 |
| 51.0903  | Health Science | Electroneurodiagnostic/Electroencephalographic Technology/Technologist   |
| 51.0904  | Health Science | Emergency Medical Technology/Technician (EMT Paramedic)                  |
| 51.0905  | Health Science | Nuclear Medical Technology/Technologist                                  |
| 51.0907  | Health Science | Medical Radiologic Technology/Science - Radiation Therapist              |
| 51.0908  | Health Science | Respiratory Care Therapy/Therapist                                       |
| 51.0909  | Health Science | Surgical Technology/Technologist   |
| 51.0910  | Health Science | Diagnostic Medical Sonography/Sonographer and Ultrasound Technician      |
| 51.0911  | Health Science | Radiologic Technology/Science - Radiographer                             |
| 51.0912  | Health Science | Physician Assistant  |
| 51.0999  | Health Science | Allied Health Diagnostic, Intervention, and Treatment Professions, Other |
| 51.1002  | Health Science | Cytotechnology/Cytotechnologist  |
| 51.1003  | Health Science | Hematology Technology/Technician   |
| 51.1004  | Health Science | Clinical/Medical Laboratory Technician                                   |
| 51.1005  | Health Science | Clinical Laboratory Science/Medical Technology/Technologist              |
| 51.1007  | Health Science | Histologic Technology/Histotechnologist                                  |
| 51.1009  | Health Science | Phlebotomy Technician/Phlebotomist                                       |
| 51.1099  | Health Science | Clinical/Medical Laboratory Science and Allied Professions, Other        |
| 51.1199  | Health Science | Health/Medical Preparatory Programs, Other                               |
| 51.1501  | Health Science | Substance Abuse/Addiction Counseling                                     |
| 51.1502  | Health Science | Psychiatric/Mental Health Services Technician                            |
| 51.1503  | Health Science | Clinical/Medical Social Work   |
| 51.1504  | Health Science | Community Health Services/Liaison/Counseling                             |

| CIP Code | CIP Cluster           | CIP Title  |
|----------|-----------------------|--|
| 51.1599  | Health Science        | Mental and Social Health Services and Allied Professions, Other                          |
| 51.1802  | Health Science        | Optometric Technician/Assistant  |
| 51.1803  | Health Science        | Ophthalmic Technician/Technologist   |
| 51.1899  | Health Science        | Ophthalmic and Optometric Support Services and Allied Professions, Other                 |
| 51.2206  | Health Science        | Occupational Health and Industrial Hygiene   |
| 51.2207  | Health Science        | Public Health Education and Promotion  |
| 51.2211  | Health Science        | Health Services Administration   |
| 51.2306  | Health Science        | Occupational Therapy/Therapist   |
| 51.2308  | Health Science        | Physical Therapy/Therapist   |
| 51.2309  | Health Science        | Therapeutic Recreation/Recreational Therapy  |
| 51.2399  | Health Science        | Rehabilitation and Therapeutic Professions, Other  |
| 51.2601  | Health Science        | Health Aide  |
| 51.2602  | Health Science        | Home Health Aide/Home Attendant  |
| 51.3101  | Health Science        | Dietetics/Dietitians   |
| 51.3103  | Health Science        | Dietetic Technician (DTR)  |
| 51.3199  | Health Science        | Dietetics and Clinical Nutrition Services, Other   |
| 51.3602  | Health Science        | Yoga Teacher Training/Yoga Therapy   |
| 51.3801  | Health Science        | Registered Nursing/Registered Nurse  |
| 51.3804  | Health Science        | Nurse Anesthetist  |
| 51.3812  | Health Science        | Perioperative/Operating Room and Surgical Nurse/Nursing                                  |
| 51.3899  | Health Science        | Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other |
| 51.3901  | Health Science        | Licensed Practical/Vocational Nurse Training   |
| 51.3902  | Health Science        | Nursing Assistant/Aide and Patient Care Assistant/Aide                                   |
| 51.3999  | Health Science        | Practical Nursing, Vocational Nursing and Nursing Assistants, Other                      |
| 51.9999  | Health Science        | Health Professions and Related Clinical Sciences, Other                                  |
| 12.0501  | Hospitality & Tourism | Baking and Pastry Arts/Baker/Pastry Chef   |
| 12.0503  | Hospitality & Tourism | Culinary Arts/Chef Training  |
| 12.0504  | Hospitality & Tourism | Restaurant, Culinary, and Catering Management/Manager                                    |
| 12.0505  | Hospitality & Tourism | Food Preparation/Professional Cooking/Kitchen Assistant                                  |
| 12.0507  | Hospitality & Tourism | Food Service, Waiter/Waitress, and Dining Room Management/Manager                        |

| CIP Code | CIP Cluster           | CIP Title  |
|----------|-----------------------|--|
| 12.0508  | Hospitality & Tourism | Institutional Food Workers                                     |
| 12.0599  | Hospitality & Tourism | Culinary Arts and Related Services, Other                      |
| 19.0505  | Hospitality & Tourism | Foodservice Systems Administration/Management                  |
| 19.0599  | Hospitality & Tourism | Foods, Nutrition, and Related Services, Other                  |
| 19.0604  | Hospitality & Tourism | Facilities Planning and Management                             |
| 31.0101  | Hospitality & Tourism | Parks, Recreation and Leisure Studies                          |
| 31.0301  | Hospitality & Tourism | Parks, Recreation and Leisure Facilities Management            |
| 31.0599  | Hospitality & Tourism | Health and Physical Education/Fitness, Other                   |
| 51.3104  | Hospitality & Tourism | Dietitian Assistant  |
| 51.3501  | Hospitality & Tourism | Massage Therapy/Therapeutic Massage                            |
| 52.0901  | Hospitality & Tourism | Hospitality Administration/Management, General                 |
| 52.0903  | Hospitality & Tourism | Tourism and Travel Services Management                         |
| 52.0904  | Hospitality & Tourism | Hotel/Motel Administration/Management                          |
| 52.0905  | Hospitality & Tourism | Restaurant/Food Services Management                            |
| 52.0906  | Hospitality & Tourism | Resort Management  |
| 52.0907  | Hospitality & Tourism | Meeting and Event Planning                                     |
| 52.0909  | Hospitality & Tourism | Hotel, Motel, and Restaurant Management                        |
| 52.0999  | Hospitality & Tourism | Hospitality Administration/Management, Other                   |
| 52.1905  | Hospitality & Tourism | Tourism and Travel Services Marketing Operations               |
| 52.1906  | Hospitality & Tourism | Tourism Promotion Operations                                   |
| 12.0401  | Human Services        | Cosmetology/Cosmetologist, General                             |
| 19.0699  | Human Services        | Housing and Human Environments, Other                          |
| 19.0701  | Human Services        | Human Development and Family Studies, General                  |
| 19.0702  | Human Services        | Adult Development and Aging                                    |
| 19.0706  | Human Services        | Child Development  |
| 19.0708  | Human Services        | Child Care and Support Services Management                     |
| 19.0709  | Human Services        | Child Care Provider/Assistant                                  |
| 19.0799  | Human Services        | Human Development, Family Studies, and Related Services, Other |
| 31.0504  | Human Services        | Sport and Fitness Administration/Management                    |
| 44.0000  | Human Services        | Human Services, General  |
| 44.0201  | Human Services        | Community Organization and Advocacy                            |
| 44.0701  | Human Services        | Social Work  |

| CIP Code | CIP Cluster            | CIP Title   |
|----------|------------------------|---|
| 44.0799  | Human Services         | Social Work, Other  |
| 44.9999  | Human Services         | Public Administration and Social Service Professions, Other                   |
| 09.0702  | Information Technology | Digital Communication and Media/Multimedia.                                   |
| 11.0101  | Information Technology | Computer and Information Sciences, General                                    |
| 11.0103  | Information Technology | Information Technology  |
| 11.0199  | Information Technology | Computer Science, Other   |
| 11.0201  | Information Technology | Computer Programming/Programmer, General                                      |
| 11.0202  | Information Technology | Computer Programming Special Applications                                     |
| 11.0203  | Information Technology | Computer Programming, Vendor/Product Certification                            |
| 11.0301  | Information Technology | Data Processing and Data Processing Technology/Technician                     |
| 11.0401  | Information Technology | Information Science/Studies   |
| 11.0501  | Information Technology | Computer Systems Analysis/Analyst   |
| 11.0601  | Information Technology | Data Entry/Microcomputer Applications, General                                |
| 11.0602  | Information Technology | Word Processing   |
| 11.0699  | Information Technology | Data Entry/Microcomputer Applications, Other                                  |
| 11.0701  | Information Technology | Computer Science  |
| 11.0801  | Information Technology | Web Page, Digital/Multimedia and Information Resources Design                 |
| 11.0802  | Information Technology | Data Modeling/Warehousing and Database Administration                         |
| 11.0803  | Information Technology | Computer Graphics   |
| 11.0899  | Information Technology | Computer Software and Media Applications, Other                               |
| 11.0901  | Information Technology | Computer Systems Networking and Telecommunications                            |
| 11.1001  | Information Technology | Network and System Administration/Administrator                               |
| 11.1002  | Information Technology | System, Networking, and LAN/WAN Management/Manager                            |
| 11.1003  | Information Technology | Computer and Information Systems Security/Information Assurance               |
| 11.1004  | Information Technology | Web/Multimedia Management and Webmaster                                       |
| 11.1006  | Information Technology | Computer Support Specialist   |
| 11.1099  | Information Technology | Computer/Information Technology Services Administration and Management, Other |
| 11.9999  | Information Technology | Computer and Information Sciences and Support Services, Other                 |

| CIP Code | CIP Cluster                   | CIP Title   |
|----------|-------------------------------|---|
| 15.0305  | Information Technology        | Telecommunications Technology/Technician  |
| 15.1201  | Information Technology        | Computer Engineering Technology/ Technician   |
| 15.1202  | Information Technology        | Computer Technology/Computer Systems Technology   |
| 15.1204  | Information Technology        | Computer Software Technology/Technician   |
| 15.1302  | Information Technology        | CAD/CADD Drafting and/or Design Technology/Technician                                   |
| 52.1101  | Information Technology        | International Business/Trade/Commerce   |
| 52.1201  | Information Technology        | Management Information Systems, General   |
| 52.1299  | Information Technology        | Management Information Systems and Services, Other                                      |
| 15.0703  | Law, Public Safety & Security | Industrial Safety Technology/Technician   |
| 22.0001  | Law, Public Safety & Security | Pre-Law Studies   |
| 22.0302  | Law, Public Safety & Security | Legal Assistant/Paralegal   |
| 22.0399  | Law, Public Safety & Security | Legal Support Services, Other   |
| 22.9999  | Law, Public Safety & Security | Legal Professions and Studies, Other  |
| 43.0102  | Law, Public Safety & Security | Corrections   |
| 43.0103  | Law, Public Safety & Security | Criminal Justice/Law Enforcement Administration   |
| 43.0104  | Law, Public Safety & Security | Criminal Justice/Safety Studies   |
| 43.0106  | Law, Public Safety & Security | Forensic Science and Technology   |
| 43.0107  | Law, Public Safety & Security | Criminal Justice/Police Science   |
| 43.0109  | Law, Public Safety & Security | Security and Loss Prevention Services   |
| 43.0112  | Law, Public Safety & Security | Securities Services Administration/Management   |
| 43.0199  | Law, Public Safety & Security | Corrections and Criminal Justice, Other   |
| 43.0201  | Law, Public Safety & Security | Fire Prevention and Safety Technology/Technician  |
| 43.0202  | Law, Public Safety & Security | Fire Services Administration  |
| 43.0203  | Law, Public Safety & Security | Fire Science/Fire-Fighting  |
| 43.0303  | Law, Public Safety & Security | Critical Infrastructure Protection  |
| 43.9999  | Law, Public Safety & Security | Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other |
| 10.0302  | Manufacturing                 | Printing Management   |
| 15.0303  | Manufacturing                 | Electrical, Electronic and Communications Engineering Technology/Technician             |

| CIP Code | CIP Cluster                | CIP Title  |
|----------|----------------------------|--|
| 15.0403  | Manufacturing              | Electromechanical Technology/Electromechanical Engineering Technology    |
| 15.0612  | Manufacturing              | Industrial Technology/Technician   |
| 15.0613  | Manufacturing              | Manufacturing Engineering Technology/Technician                          |
| 15.0699  | Manufacturing              | Industrial Production Technologies/Technicians, Other                    |
| 15.0702  | Manufacturing              | Quality Control Technology/Technician                                    |
| 15.1301  | Manufacturing              | Drafting and Design Technology/Technician, General                       |
| 15.1304  | Manufacturing              | Civil Drafting and Civil Engineering CAD/CADD                            |
| 15.1306  | Manufacturing              | Mechanical Drafting and Mechanical Drafting CAD/CADD                     |
| 15.1399  | Manufacturing              | Drafting/Design Engineering Technologies/Technicians, Other              |
| 19.0999  | Manufacturing              | Apparel and Textiles, Other  |
| 47.0105  | Manufacturing              | Industrial Electronics Technology/Technician                             |
| 47.0303  | Manufacturing              | Industrial Mechanics and Maintenance Technology                          |
| 48.0000  | Manufacturing              | Precision Production Trades, General                                     |
| 48.0501  | Manufacturing              | Machine Tool Technology/Machinist  |
| 48.0503  | Manufacturing              | Machine Shop Technology/Assistant  |
| 48.0506  | Manufacturing              | Sheet Metal Technology/Sheetworking                                      |
| 48.0507  | Manufacturing              | Tool and Die Technology/Technician                                       |
| 48.0508  | Manufacturing              | Welding Technology/Welder  |
| 48.0509  | Manufacturing              | Ironworking/Ironworker   |
| 48.0510  | Manufacturing              | Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist |
| 48.0511  | Manufacturing              | Metal Fabricator   |
| 48.0599  | Manufacturing              | Precision Metal Working, Other   |
| 48.0701  | Manufacturing              | Woodworking, General   |
| 48.0703  | Manufacturing              | Cabinetmaking and Millwork   |
| 48.0799  | Manufacturing              | Woodworking, Other   |
| 09.0799  | Marketing, Sales & Service | Radio, Television, and Digital Communication, Other                      |
| 12.0301  | Marketing, Sales & Service | Funeral Service and Mortuary Science, General                            |
| 19.0905  | Marketing, Sales & Service | Apparel and Textile Marketing Management                                 |
| 47.0000  | Marketing, Sales & Service | Mechanics and Repairers, General   |
| 47.0101  | Marketing, Sales & Service | Electrical/Electronics Equipment Installation and Repair, General        |
| 47.0102  | Marketing, Sales & Service | Business Machine Repairer  |

| CIP Code | CIP Cluster                                    | CIP Title   |
|----------|--|---|
| 47.0399  | Marketing, Sales & Service                     | Heavy/Industrial Equipment Maintenance Technologies, Other                        |
| 47.0408  | Marketing, Sales & Service                     | Watchmaking and Jewelrymaking   |
| 47.0606  | Marketing, Sales & Service                     | Small Engine Mechanics and Repair Technology/Technician                           |
| 47.9999  | Marketing, Sales & Service                     | Mechanic and Repair Technologies/Technicians, Other                               |
| 52.1499  | Marketing, Sales & Service                     | Marketing, Other  |
| 52.1801  | Marketing, Sales & Service                     | Sales, Distribution and Marketing Operations, General                             |
| 52.1802  | Marketing, Sales & Service                     | Merchandising and Buying Operations   |
| 52.1803  | Marketing, Sales & Service                     | Retailing and Retail Operations   |
| 52.1804  | Marketing, Sales & Service                     | Selling Skills and Sales Operations   |
| 52.1901  | Marketing, Sales & Service                     | Auctioneering   |
| 52.1902  | Marketing, Sales & Service                     | Fashion Merchandising   |
| 52.1907  | Marketing, Sales & Service                     | Vehicle and Vehicle Parts and Accessories Marketing Operations                    |
| 52.1908  | Marketing, Sales & Service                     | Business and Personal/Financial Services Marketing Operations                     |
| 52.1910  | Marketing, Sales & Service                     | Hospitality and Recreation Marketing Operations                                   |
| 14.0101  | Science, Technology, Engineering & Mathematics | Engineering, General  |
| 14.0803  | Science, Technology, Engineering & Mathematics | Structural Engineering  |
| 14.0903  | Science, Technology, Engineering & Mathematics | Computer Software Engineering   |
| 14.1001  | Science, Technology, Engineering & Mathematics | Electrical and Electronics Engineering  |
| 14.3601  | Science, Technology, Engineering & Mathematics | Manufacturing Engineering   |
| 14.4201  | Science, Technology, Engineering & Mathematics | Mechatronics, Robotics, and Automation Engineering                                |
| 15.0000  | Science, Technology, Engineering & Mathematics | Engineering Technology, General   |
| 15.0304  | Science, Technology, Engineering & Mathematics | Laser and Optical Technology/Technician   |
| 15.0399  | Science, Technology, Engineering & Mathematics | Electrical and Electronic Engineering Technologies/Technicians, Other             |
| 15.0401  | Science, Technology, Engineering & Mathematics | Biomedical Technology/Technician  |
| 15.0404  | Science, Technology, Engineering & Mathematics | Instrumentation Technology/Technician   |
| 15.0405  | Science, Technology, Engineering & Mathematics | Robotics Technology/Technician  |
| 15.0499  | Science, Technology, Engineering & Mathematics | Electromechanical Instrumentation and Maintenance Technologies/Technicians, Other |



| CIP Code | CIP Cluster                                    | CIP Title   |
|----------|--|---|
| 15.0503  | Science, Technology, Engineering & Mathematics | Energy Management and Systems Technology/Technician                                   |
| 15.0506  | Science, Technology, Engineering & Mathematics | Water Quality and Wastewater Treatment Management and Recycling Technology/Technician |
| 15.0599  | Science, Technology, Engineering & Mathematics | Environmental Control Technologies/Technicians, Other                                 |
| 15.0607  | Science, Technology, Engineering & Mathematics | Plastics and Polymer Engineering Technology/Technician                                |
| 15.0611  | Science, Technology, Engineering & Mathematics | Metallurgical Technology/Technician   |
| 15.0701  | Science, Technology, Engineering & Mathematics | Occupational Safety and Health Technology/Technician                                  |
| 15.0801  | Science, Technology, Engineering & Mathematics | Aeronautical/Aerospace Engineering Technology/Technician                              |
| 15.0805  | Science, Technology, Engineering & Mathematics | Mechanical Engineering/Mechanical Technology/Technician                               |
| 15.0899  | Science, Technology, Engineering & Mathematics | Mechanical Engineering Related Technologies/Technicians, Other                        |
| 15.0901  | Science, Technology, Engineering & Mathematics | Mining Technology/Technician  |
| 15.1001  | Science, Technology, Engineering & Mathematics | Construction Engineering Technology/Technician  |
| 15.1401  | Science, Technology, Engineering & Mathematics | Nuclear Engineering Technology/Technician   |
| 15.1601  | Science, Technology, Engineering & Mathematics | Nanotechnology  |
| 15.9999  | Science, Technology, Engineering & Mathematics | Engineering Technologies and Engineering-Related Fields, Other                        |
| 26.1201  | Science, Technology, Engineering & Mathematics | Biotechnology   |
| 40.0101  | Science, Technology, Engineering & Mathematics | Physical Sciences   |
| 40.0601  | Science, Technology, Engineering & Mathematics | Geology/Earth Science, General  |
| 41.0101  | Science, Technology, Engineering & Mathematics | Biology Technician/Biotechnology Laboratory Technician                                |
| 41.0204  | Science, Technology, Engineering & Mathematics | Industrial Radiologic Technology/Technician   |
| 41.0205  | Science, Technology, Engineering & Mathematics | Nuclear/Nuclear Power Technology/Technician   |
| 41.0299  | Science, Technology, Engineering & Mathematics | Nuclear and Industrial Radiologic Technologies/Technicians, Other                     |
| 41.0301  | Science, Technology, Engineering & Mathematics | Chemical Technology/Technician  |
| 41.9999  | Science, Technology, Engineering & Mathematics | Science Technologies/Technicians, Other   |
| 42.9999  | Science, Technology, Engineering & Mathematics | Psychology, Other   |
| 45.0101  | Science, Technology, Engineering & Mathematics | Social Sciences, General  |

| CIP Code | CIP Cluster                                    | CIP Title   |
|----------|--|---|
| 45.0401  | Science, Technology, Engineering & Mathematics | Criminology   |
| 45.0501  | Science, Technology, Engineering & Mathematics | Demography and Population Studies                                 |
| 45.0702  | Science, Technology, Engineering & Mathematics | Geographic Information Science and Cartography                    |
| 45.1101  | Science, Technology, Engineering & Mathematics | Sociology   |
| 47.0103  | Science, Technology, Engineering & Mathematics | Communications Systems Installation and Repair Technology         |
| 47.0104  | Science, Technology, Engineering & Mathematics | Computer Installation and Repair Technology/Technician            |
| 15.0803  | Transportation, Distribution & Logistics       | Automotive Engineering Technology/Technician                      |
| 47.0302  | Transportation, Distribution & Logistics       | Heavy Equipment Maintenance Technology/Technician                 |
| 47.0603  | Transportation, Distribution & Logistics       | Autobody/Collision and Repair Technology/Technician               |
| 47.0604  | Transportation, Distribution & Logistics       | Automobile/Automotive Mechanics Technology/Technician             |
| 47.0605  | Transportation, Distribution & Logistics       | Diesel Mechanics Technology/Technician                            |
| 47.0607  | Transportation, Distribution & Logistics       | Airframe Mechanics and Aircraft Maintenance Technology/Technician |
| 47.0608  | Transportation, Distribution & Logistics       | Aircraft Powerplant Technology/Technician                         |
| 47.0609  | Transportation, Distribution & Logistics       | Avionics Maintenance Technology/Technician                        |
| 47.0613  | Transportation, Distribution & Logistics       | Medium/Heavy Vehicle and Truck Technology/Technician              |
| 47.0616  | Transportation, Distribution & Logistics       | Marine Maintenance/Fitter and Ship Repair Technology/Technician   |
| 47.0699  | Transportation, Distribution & Logistics       | Vehicle Maintenance and Repair Technologies, Other                |
| 49.0101  | Transportation, Distribution & Logistics       | Aeronautics/Aviation/Aerospace Science and Technology, General    |
| 49.0102  | Transportation, Distribution & Logistics       | Airline/Commercial/Professional Pilot and Flight Crew             |
| 49.0104  | Transportation, Distribution & Logistics       | Aviation/Airway Management and Operations                         |
| 49.0105  | Transportation, Distribution & Logistics       | Air Traffic Controller  |
| 49.0199  | Transportation, Distribution & Logistics       | Air Transportation, Other   |
| 49.0202  | Transportation, Distribution & Logistics       | Construction/Heavy Equipment/Earthmoving Equipment Operation      |
| 49.0205  | Transportation, Distribution & Logistics       | Truck and Bus Driver/Commercial Vehicle Operator and Instructor   |
| 49.9999  | Transportation, Distribution & Logistics       | Transportation and Materials Moving, Other                        |
| 52.0203  | Transportation, Distribution & Logistics       | Logistics, Materials, and Supply Chain Management                 |