

Nontraditional Subject Areas FY17

The following is an annually revised table of secondary and postsecondary Classifications of Instructional Programs (CIP) assignments for programs leading to non-traditional careers (training and employment). Nontraditional CIP Code designations are based on the NAPE Nontraditional Crosswalk (updated 2013). The CIP Codes are the most current designations for male/female nontraditional programs. For a comprehensive information on NAPE Nontraditional Crosswalk validation, revision and updates visit: [Click here to visit the NAPE Nontraditional Crosswalk website](#)

Subject Area	CIP Code	Nontraditional
Agriculture, General.	01.0000	Female
Agricultural Business and Management, General.	01.0101	Female
Agribusiness/Agricultural Business Operations.	01.0102	Female
Agricultural Mechanization, General.	01.0201	Female
Agricultural Power Machinery Operation.	01.0204	Female
Agricultural Mechanics and Equipment/Machine Technology.	01.0205	Female
Agricultural Mechanization, Other.	01.0299	Female
Animal/Livestock Husbandry and Production.	01.0302	Female
Ornamental Horticulture.	01.0603	Female
Greenhouse Operations and Management.	01.0604	Female
Landscaping and Groundskeeping.	01.0605	Female
Animal Sciences, General.	01.0901	Female
Horticultural Science.	01.1103	Female
Natural Resources/Conservation, General.	03.0101	Female
Environmental Studies.	03.0103	Female
Wildlife, Fish and Wildlands Science and Management.	03.0601	Female
Architecture.	04.0201	Female
Environmental Design/Architecture.	04.0401	Female
Radio and Television Broadcasting Technology/Technician.	10.0202	Female
Recording Arts Technology/Technician.	10.0203	Female
Computer Programming/Programmer, General.	11.0201	Female
Data Entry/Microcomputer Applications, General.	11.0601	Male
Word Processing.	11.0602	Male
Computer Systems Networking and Telecommunications.	11.0901	Female
System, Networking, and LAN/WAN Management/Manager.	11.1002	Female
Computer and Information Systems Security/Information Assurance.	11.1003	Female
Cosmetology/Cosmetologist, General.	12.0401	Male
Cooking and Related Culinary Arts, General.	12.0500	Female
Culinary Arts/Chef Training.	12.0503	Female
Elementary Education and Teaching.	13.1202	Male
Kindergarten/Preschool Education and Teaching.	13.1209	Male
Early Childhood Education and Teaching.	13.1210	Male
Engineering, General.	14.0101	Female

Subject Area	CIP Code	Nontraditional
Aerospace, Aeronautical and Astronautical/Space Engineering.	14.0201	Female
Architectural Engineering.	14.0401	Female
Civil Engineering, General.	14.0801	Female
Mechanical Engineering.	14.1901	Female
Electrical, Electronic and Communications Engineering Technology/Technician.	15.0303	Female
Instrumentation Technology/Technician.	15.0404	Female
Solar Energy Technology/Technician.	15.0505	Female
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.	15.0506	Female
Environmental Engineering Technology/Environmental Technology.	15.0507	Female
Hazardous Materials Management and Waste Technology/Technician.	15.0508	Female
Environmental Control Technologies/Technicians, Other.	15.0599	Female
Hazardous Materials Information Systems Technology/Technician.	15.0704	Female
Mechanical Engineering/Mechanical Technology/Technician.	15.0805	Female
Engineering-Related Technologies, Other.	15.1199	Female
Computer Technology/Computer Systems Technology.	15.1202	Female
Computer Software Technology/Technician.	15.1204	Female
Drafting and Design Technology/Technician, General.	15.1301	Female
CAD/CADD Drafting and/or Design Technology/Technician.	15.1302	Female
Architectural Drafting and Architectural CAD/CADD.	15.1303	Female
Mechanical Drafting and Mechanical Drafting CAD/CADD.	15.1306	Female
Criminal Justice/Law Enforcement Administration.	43.0103	Female
Fire Prevention and Safety Technology/Technician.	43.0201	Female
Construction Trades, General.	46.0000	Female
Mason/Masonry.	46.0101	Female
Carpentry/Carpenter.	46.0201	Female
Electrician.	46.0302	Female
Building/Property Maintenance.	46.0401	Female
Building/Home/Construction Inspection/Inspector.	46.0403	Female
Drywall Installation/Drywaller.	46.0404	Female
Glazier.	46.0406	Female
Painting/Painter and Wall Coverer.	46.0408	Female
Roofer.	46.0410	Female
Building/Construction Finishing, Management, and Inspection, Other.	46.0499	Female
Pipefitting/Pipefitter and Sprinkler Fitter.	46.0502	Female
Construction Trades, Other.	46.9999	Female
Electrical/Electronics Equipment Installation and Repair, General.	47.0101	Female
Industrial Electronics Technology/Technician.	47.0105	Female
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.	47.0201	Female

Subject Area	CIP Code	Nontraditional
Heavy Equipment Maintenance Technology/Technician.	47.0302	Female
Industrial Mechanics and Maintenance Technology.	47.0303	Female
Vehicle Maintenance and Repair Technologies, General.	47.0600	Female
Autobody/Collision and Repair Technology/Technician.	47.0603	Female
Automobile/Automotive Mechanics Technology/Technician.	47.0604	Female
Diesel Mechanics Technology/Technician.	47.0605	Female
Small Engine Mechanics and Repair Technology/Technician.	47.0606	Female
Airframe Mechanics and Aircraft Maintenance Technology/Technician.	47.0607	Female
Aircraft Powerplant Technology/Technician.	47.0608	Female
Mechanic and Repair Technologies/Technicians, Other.	47.9999	Female
Machine Tool Technology/Machinist.	48.0501	Female
Sheet Metal Technology/Sheetworking.	48.0506	Female
Welding Technology/Welder.	48.0508	Female
Ironworking/Ironworker.	48.0509	Female
Aeronautics/Aviation/Aerospace Science and Technology, General.	49.0101	Female
Health Services/Allied Health/Health Sciences, General.	51.0000	Male
Dental Assisting/Assistant.	51.0601	Male
Dental Hygiene/Hygienist.	51.0602	Male
Health Information/Medical Records Technology/Technician.	51.0707	Male
Medical Transcription/Transcriptionist.	51.0708	Male
Medical Office Assistant/Specialist.	51.0710	Male
Health and Medical Administrative Services, Other.	51.0799	Male
Medical/Clinical Assistant.	51.0801	Male
Pharmacy Technician/Assistant.	51.0805	Male
Physical Therapy Technician/Assistant.	51.0806	Male
Allied Health Diagnostic, Intervention, Treatment Professions, Other.	51.0999	Male
Blood Bank Technology Specialist.	51.1001	Male
Clinical/Medical Laboratory Technician.	51.1004	Male
Clinical Laboratory Science/Medical Technology/Technologist.	51.1005	Male
Psychiatric/Mental Health Services Technician.	51.1502	Male
Registered Nursing/Registered Nurse.	51.3801	Male
Maternal/Child Health and Neonatal Nurse/Nursing.	51.3806	Male
Perioperative/Operating Room and Surgical Nurse/Nursing.	51.3812	Male
Clinical Nurse Specialist.	51.3813	Male
Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.	51.3899	Male
Licensed Practical/Vocational Nurse Training.	51.3901	Male
Accounting Technology/Technician and Bookkeeping.	52.0302	Male
Accounting and Related Services, Other.	52.0399	Male
Administrative Assistant and Secretarial Science, General.	52.0401	Male
Business/Office Automation/Technology/Data Entry.	52.0407	Male

The following subject areas have changed in nontraditional designation in accordance with occupational data revisions (2011) to the original NAPE nontraditional crosswalk (2007). With the 2011 data revisions, the following occupations moved out of the nontraditional category meaning nontraditional genders have met or exceed the 25% requirement for representation in the given field.

Subject Area	CIP Code	Previous Designation (2007)	Revised Designation (2011)
Occupational Safety and Health Technology/Technician.	15.0701	Female	Neutral
Corrections.	43.0102	Female	Neutral
Forensic Science and Technology.	43.0106	Female	Neutral
Corrections and Criminal Justice, Other.	43.0199	Female	Neutral
Homeland Security, Other.	43.0399	Male	Neutral
Geography.	45.0701	Female	Neutral
Furniture Design and Manufacturing.	48.0702	Female	Neutral
Technical Theatre/Theatre Design and Technology.	50.0502	Female	Neutral
Medical Office Management/Administration.	51.0705	Male	Neutral
Emergency Medical Technology/Technician (EMT Paramedic).	51.0904	Male	Neutral
Respiratory Care Therapy/Therapist.	51.0908	Male	Neutral
Substance Abuse/Addiction Counseling.	51.1501	Male	Neutral
Community Health and Preventive Medicine.	51.2208	Male	Neutral
Business Administration and Management, General.	52.0201	Female	Neutral
Accounting.	52.0301	Male	Neutral
Business/Corporate Communications.	52.0501	Female	Neutral
Finance, General.	52.0801	Male	Neutral
Labor and Industrial Relations.	52.1002	Female	Neutral