

# Postsecondary Programs

Updated 4/1/09

## Leading to Occupations with Under-Represented Males or Females

**Please Note:** This is a list of postsecondary professional-technical programs which are considered nontraditional. A non-traditional program is defined as,

“Occupations or fields of work, including careers in computer science, technology and other current and emerging high skill occupations, for which individuals from one gender comprise less than 25 percent of the individuals employed in each such occupation or field of work.

You will need to know which professional-technical programs at your institution are non-traditional to accurately complete the following performance measures.

- 5P1, Nontraditional Participation – The percentage of PTE participants who enroll in state-approved PTE programs that are non-traditional to their gender.
- 5P2, Nontraditional Completion – The percentage of PTE concentrators in programs that are non-traditional to their gender

This was developed using a list of nontraditional occupations for males and females from 2006 BLS Data, which was prepared by the National Alliance for Partnerships in Equity. These references are available at <http://cte.ed.gov/quality/crosswalks.cfm>.

CIP Code	Institution Program Titles Used	Under-represented Gender (Male or Female)
1.0101	Agribusiness	Female
1.0104	Farm Business Management	Female
1.0303	Aquaculture	Female
1.0307	Horse Management	Female
1.0601	Horticulture	Female
10.0305	Graphic Arts/Printing Technology	Female
11.0901	Computer Network Technology	Female
12.0401	Cosmetology	Male
12.0503	Culinary Arts (Chef Training)	Female
13.1501	Education Assistant	Male
15.0303	Electronics Technology	Female
15.0304	Laser and Optical Technology	Female
15.0404	Instrumentation Technology	Female
15.0503	Energy Systems/Wind Energy Technology	Female
15.0506	Water Resource Management	Female
15.0613	Manufacturing Technology	Female
15.1302	Drafting/Drafting Design Technology	Female
15.1304	Civil Engineering Technology	Female
19.0708	Child Care/Early Childhood Development	Male
22.0301	Legal Administrative Assistant	Male
22.0302	Legal Assistant/Paralegal	Male
43.0107	Law Enforcement	Female
43.0203	Fire Service Training/Technology	Female

<b>CIP Code</b>	<b>Institution Program Titles Used</b>	<b>Under-represented Gender (Male or Female)</b>
46.0201	Building Construction/Residential Carpentry	Female
46.0302	Electrician	Female
47.0103	Wireless Telecommunications Technology	Female
47.0105	Industrial Electronics	Female
47.0106	Appliance Repair Technology	Female
47.0201	Heating, Air Conditioning, Refrigeration	Female
47.0303	Industrial Maintenance Technology/ Maintenance	Female
47.0399	Heavy Equipment Technology	Female
47.0603	Auto Body/Collision Repair	Female
47.0604	Auto Mechanics/Automotive Technology	Female
47.0605	Heavy Duty Mechanics/Diesel Technology	Female
47.0606	Recreational & Small Engine Repair	Female
47.0608	Aircraft Maintenance Technology	Female
47.0699	Mechanical Trades (Auto/Diesel)	Female
48.0501	Machine Tool Tech/Machining Technology	Female
48.0508	Welding & Metal Fabrication/Welding Technology	Female
48.0703	Cabinetmaking/Woodworking	Female
49.0205	Professional Driver Training	Female
51.0601	Dental Assisting	Male
51.0707	Health Information Technology	Male
51.0710	Medical Office Assistant	Male
51.0713	Medical Coding	Male
51.0801	Medical Assistant	Male
51.0805	Pharmacy Technician	Male
51.0806	Physical Therapy Technician	Male
51.0808	Veterinary Technician/Assistant	Male
51.0899	Allied Health Multi-Skilled Assistant	Male
51.0907	Radiologic Technology	Male
51.0909	Surgical Technology	Male
51.1502	Human Services (Mental Health Technician)	Male
51.1601	Registered Nurse	Male
51.1613	Practical Nursing	Male
51.1614	Nurse Assistant	Male
51.3501	Massage Therapy	Male
52.0302	Accounting Technology & Bookkeeping	Male
52.0401	Administrative Office Technology	Male

Changes in the FY03 nontraditional list:

Added Education Assistant – CIP Code #13.1501 (nontrad Male)

Added Dental Laboratory Technology – CIP #51.0603 (nontrad Female)

Deleted Culinary Arts – CIP Codes 12.0503 and 20.0401 – This occupation is no longer considered nontraditional

Changes in the FY04 nontraditional list:

Added Laser/Electro-Optics Technology – CIP Code #15.0304 (nontrad Female)

Added Electromechanical Technology – CIP Code #15.0403 (nontrad Female)

Added Instrumentation Technology – CIP Code #15.0404 (nontrad Female)

Added Electronic Wireless/Telecommunications Tech – CIP Code 47.0103 (nontrad Female)

FY 05 – Many changes due to using the new 2003 Census data.

Changes Using 2006 Census Data:

Added:

1. Registered Nurse – CIP Code 51.1601
2. Medical Coding – CIP 51.0713
3. Pharmacy Technician – CIP 51.0806
4. Physical Therapy Technician – CIP 51.0806
5. Nurse Assistant – CIP 51.1614
6. Administrative Office Technology – CIP 52.0401

Deleted:

1. Landscape Technology – CIP 01.0605 (no programs)
2. Broadcast Technology – CIP 10.0202 (no programs)
3. Information Systems Analysis – CIP 11.1000 (no programs)
4. Electromechanical Technology – CIP Code 15.0403 (does not meet definition)
5. Semiconductor Manufacturing Technology – CIP 15.0399 (no programs)
6. Electromechanical Design Drafting Technology – CIP 15.1305 (no programs)
7. Electrical Lineworker – CIP 46.0303 (no programs)
8. Computer Business Equipment Technology – CIP 47.0102 (no programs)