FY 2012 Career-Technical Education (CTE) *Secondary* Nontraditional Workforce Development Courses
for
***Nontraditional Participation (6S1)* Indicator of Performance**
Revised 6/21/12

Nontraditional CTE programs prepare students for occupations or fields of work in which individuals from one gender comprise less than 25 percent of the individuals employed in those occupations or fields of work.

- Female nontraditional occupations – Less than 25 percent of individuals employed are female
- Male nontraditional occupations – Less than 25 percent of the individuals employed and male

Career Field	Subject Name	Subject Code	Male or Female	Notes on FY2012 Changes
Agricultural and Environmental Systems	Environmental and Agricultural Science	010001	Female	
Agricultural and Environmental Systems	Agriculture, Food and Natural Resources	010105	Female	Added FY 12
Agricultural and Environmental Systems	Structural Engineering	010120	Female	Added FY 12
Agricultural and Environmental Systems	Animal Bioscience	010150	Female	Added FY 12
Agricultural and Environmental Systems	Plant and Horticulture Science	010155	Female	Added FY 12
Agricultural and Environmental Systems	Agricultural & Industrial Power Technology	010201	Female	Added FY 12
Agricultural and Environmental Systems	Agricultural & Industrial Power	010210	Female	Added FY 12
Agricultural and Environmental Systems	Electronic & Electrical Systems	010215	Female	Added FY 12
Agricultural and Environmental Systems	Engines and Fuel Systems	010220	Female	Added FY 12
Agricultural and Environmental Systems	Hydraulics and Pneumatics	010225	Female	Added FY 12
Agricultural and Environmental Systems	Power Trains	010230	Female	Added FY 12
Agricultural and Environmental Systems	Outdoor Power Technology	010235	Female	Added FY 12
Agricultural and Environmental Systems	Power Sports	010240	Female	Added FY 12
Agricultural and Environmental Systems	Agribusiness and Production Systems	010301	Female	
Agricultural and Environmental Systems	Horticulture	010601	Female	
Agricultural and Environmental Systems	Greenhouse Nursery Management	010610	Female	Added FY 12
Agricultural and Environmental Systems	Landscape Systems Management	010615	Female	Added FY 12
Agricultural and Environmental Systems	Agronomic Systems	010620	Female	Added FY 12
Agricultural and Environmental Systems	Landscaping Design and Build	010630	Female	Added FY 12
Agricultural and Environmental Systems	Turf Science & Management	010635	Female	Added FY 12
Agricultural and Environmental Systems	Natural Resource Management	010701	Female	
Agricultural and Environmental Systems	Natural Resources	010710	Female	Added FY 12
Agricultural and Environmental Systems	Energy Systems Management	010715	Female	Added FY 12
Agricultural and Environmental Systems	Environmental Science for Agr. and Nat. Resources	010720	Female	Added FY 12
Agricultural and Environmental Systems	Environmental Systems Management	010725	Female	Added FY 12
Agricultural and Environmental Systems	Forestry and Woodland Ecosystems	010730	Female	Added FY 12
Agricultural and Environmental Systems	Park & Recreational Management	010735	Female	Added FY 12
Agricultural and Environmental Systems	Urban Forestry	010740	Female	Added FY 12
Agricultural and Environmental Systems	Wildlife & Fisheries	010745	Female	Added FY 12
Agricultural and Environmental Systems	Animal Science Management	010901	Female	
Agricultural and Environmental Systems	Animal Science and Technology	010910	Female	Added FY 12
Agricultural and Environmental Systems	Animal Nutrition, Health and Reproduction	010915	Female	Added FY 12
Agricultural and Environmental Systems	Livestock Science	010920	Female	Added FY 12
Agricultural and Environmental Systems	Zoo and Aquarium	010940	Female	Added FY 12
Agricultural and Environmental Systems	Food Science and Technology	011001	Female	
Agricultural and Environmental Systems	Science & Technology of Food	011010	Female	Added FY 12
Agricultural and Environmental Systems	Food Marketing and Research	011015	Female	Added FY 12
Agricultural and Environmental Systems	Meat Science & Technology	011020	Female	Added FY 12
Agricultural and Environmental Systems	Microbial Food Science and Safety	011025	Female	Added FY 12
Agricultural and Environmental Systems	Applications of Food Science and Technology	011030	Female	Added FY 12
Agricultural and Environmental Systems	Animal and Plant Biotechnology	012010	Female	Added FY 12
Marketing	Marketing Management	040810	Female	
Marketing	~~Acquisition and Logistics~~ Supply Chain Management	041900	Female	Name Change FY 12
Health Science	Exercise Science/Sports and Recreation Healthcare	070410	Female	
Health Science	Biotechnology	074850	Female	
~~Business and Administrative Services~~	~~Business and Management Foundation~~	~~140001~~	~~Female~~	Dropped FY 12
Information Technology	Information Technology I	140200	Female	
Information Technology	Information Support and Services	140210	Female	
Information Technology	Network Systems	140220	Female	
Information Technology	Programming and Software Development	140230	Female	
Information Technology	Interactive Media	140240	Female	
Construction Technologies	Construction Technologies	170005	Female	
Manufacturing Technologies	Manufacturing Technologies	170006	Female	
Engineering and Science Technologies	Engineering Systems	170007	Female	
Construction Technologies	Environmental Control Technologies	170100	Female	
Transportation Systems	Auto Collision Repair	170301	Female	
Transportation Systems	Auto Technology	170302	Female	
Transportation Systems	Auto Specialization	170303	Female	
~~Manufacturing Technologies~~	~~Manufacturing Operations~~	~~170360~~	~~Female~~	Dropped FY 12
Manufacturing Technologies	Automation and Robotics	170370	Female	
Transportation Systems	Aviation Occupations	170400	Female	
Transportation Systems	Aircraft Maintenance	170401	Female	
Transportation Systems	Ground Operations	170403	Female	
Construction Technologies	Carpentry	171001	Female	

Construction Technologies	Electrical Trades	171002	Female	
Construction Technologies	Heavy Equipment (Construction)	171003	Female	
Construction Technologies	Brick, Block and Cement Masonry	171004	Female	
Construction Technologies	Interior Design Applications	171005	Female	
Construction Technologies	Plumbing and Pipefitting	171007	Female	
Construction Technologies	Building and Property Maintenance	171011	Female	
Manufacturing Technologies	Integrated Systems Technology	171012	Female	
Construction Technologies	Building Technology	171017	Female	
Construction Technologies	Custodial Services	171100	Female	
Transportation Systems	Medium/Heavy Truck Technician	171200	Female	
Manufacturing Technologies	Manufacturing Design and Development	171300	Female	
Engineering and Science Technologies	Power Transmissions	171402	Female	
Manufacturing Technologies	Electronics	171503	Female	
Engineering and Science Technologies	Telecommunications	171504	Female	
Engineering and Science Technologies	Energy Science	171600	Female	
Construction Technologies	Construction- Design -Build	171805	Female	
Construction Technologies	Construction--Management	171806	Female	
Manufacturing Technologies	Construction Design-Build	171806	Female	Added FY 12
Engineering and Science Technologies	Engineering Technology	171810	Female	
Engineering and Science Technologies	Engineering Sciences	171815	Female	
Engineering and Science Technologies	Computer Integrated Manufacturing	171816	Female	
Engineering and Science Technologies	Civil Engineering and Architecture	171817	Female	
Engineering and Science Technologies	Fuel Cell Technologies	171818	Female	
Engineering and Science Technologies	Materials Joining Technologies	171819	Female	
Engineering and Science Technologies	Biotechnical Engineering	171820	Female	
Engineering and Science Technologies	Computational Science and Engineering	171821	Female	
Engineering and Science Technologies	Aerospace Engineering	171822	Female	Added FY 12
Engineering and Science Technologies	Engineering Design and Development	171825	Female	
Engineering and Science Technologies	Biomedical Science	175000	Female	Revised 6/21/12; Added for 'Female'
Manufacturing Technologies	Precision Machining	172302	Female	
~~Manufacturing Technologies~~	~~Manufacturing Occupations~~	~~172303~~	~~Female~~	Dropped FY 12
Manufacturing Technologies	Welding and Cutting	172306	Female	
Law and Public Safety	Fire Fighter Training	172801	Female	
Law and Public Safety	Criminal Justice	172802	Female	
Law and Public Safety	Private Security	172808	Female	
Law and Public Safety	Public Safety Core	172812	Female	
Law and Public Safety	Criminal Science Technologies	172815	Female	
Transportation Systems	Power Equipment Technology	173100	Female	
Construction Technologies	Wood Product Technologies	173601	Female	
Hospitality and Tourism	Culinary and Food Service Operations	330005	Female	
Hospitality and Tourism	Lodging	330010	Female	
Hospitality and Tourism	Introduction to Hospitality and Tourism	330015	Female	
Arts and Communications	Visual Design and Imaging	340005	Female	
Arts and Communications	Media Arts	340015	Female	
Arts and Communications	Performing Arts	340020	Female	
Government and Public Administration	Government and Public Administration	360230	Female	
Business and Administrative Services	Introduction to Business and Administrative Services	140050	Male	
Business and Administrative Services	Administrative and Professional Support	140300	Male	
Business and Administrative Services	Legal Management and Support	140310	Male	
Business and Administrative Services	Medical Management and Support	140320	Male	
~~Engineering and Science Technologies~~	~~Biomedical Science~~	~~175000~~	~~Male~~	(Revised 6/21/12; Deleted for 'Male')
Education and Training	Introduction to Education and Training	350001	Male	
Education and Training	Teaching Professions	350011	Male	
Education and Training	Early Childhood Education	350201	Male	
Finance	Finance Career Field Course	140025	Male	
Health Science	Health Science	070005	Male	
Health Science	Dental Assistant	070101	Male	
Health Science	Dental Laboratory Technology	070103	Male	
Health Science	Medical Laboratory Technology	070203	Male	
Health Science	Phlebotomy	070204	Male	
Health Science	Practical Nursing	070302	Male	
Health Science	Nurse Assisting	070303	Male	
Health Science	Surgical Technology	070305	Male	
Health Science	Home Health	070307	Male	
Health Science	Optometric Occupations	070603	Male	
Health Science	Medical Assistant	070904	Male	
Health Science	Community Health Aide	070906	Male	
Health Science	Pharmacy Technician	070912	Male	
Health Science	Health Unit Coordinator	070913	Male	
Health Science	Patient Care Technician	070994	Male	
Health Science	Clinical Health Care Services	071100	Male	
Health Science	Diagnostic Pathway	074820	Male	
Health Science	Therapeutic Pathway	074830	Male	
Health Science	Health Support Pathway	074840	Male	

Health Science	Health Information Management Services	074890	Male	
Hospitality and Tourism	Travel and Tourism	330020	Male	
Human Services	Human Services	172600	Male	
Human Services	Cosmetology	172602	Male	
Human Services	Family and Community Services	172605	Male	