

## Appendix: A – Career and Technical Education Nontraditional Courses (2013-2014 School Year)

The federal Carl D. Perkins law requires states to measure participation in nontraditional courses. Nontraditional courses are defined as occupations or fields of work, including careers in computer science, technology, and other 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. The courses below were selected because, generally, they are occupationally specific courses in which the enrollment of one gender falls below 25 percent. Gender enrollments in the courses are reviewed annually at the state and local levels as part of the Carl D. Perkins reporting process.

Nontraditional for Females	
PEIMS Number	Course
12700400	CAREER PORTALS (FIRST TIME TAKEN)
12701500	PROBLEMS AND SOLUTIONS
13000300	LIVESTOCK PRODUCTION
13000400	SMALL ANIMAL MANAGEMENT
13000500	EQUINE SCIENCE
13000700	ADVANCED ANIMAL SCIENCE
13000800	PROFESSIONAL STANDARDS IN AGRIBUSINESS
13000900	AGRIBUSINESS MANAGEMENT AND MARKETING
13001400	FOOD PROCESSING
13001600	RANGE ECOLOGY AND MANAGEMENT
13001800	PRINCIPLES AND ELEMENTS OF FLORAL DESIGN
13001900	LANDSCAPE DESIGN AND TURF GRASS MANAGEMENT
13002000	HORTICULTURE SCIENCE
13002100	ADVANCED PLANT AND SOIL SCIENCE
13002500	PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES
13004200	PRINCIPLES OF ARCHITECTURE AND CONSTRUCTION
13004600	ARCHITECTURAL DESIGN
13004700	ADVANCED ARCHITECTURAL DESIGN
13004900	CONSTRUCTION MANAGEMENT
13005100	CONSTRUCTION TECHNOLOGY
13005400	BUILDING MAINTENANCE TECHNOLOGY
13005500	ADVANCED BUILDING MAINTENANCE TECHNOLOGY
13005800	HEATING, VENTILATION, AND AIR CONDITIONING AND REFRIGERATION TECHNOLOGY

**Nontraditional for Females (continued)**

PEIMS Number	Course
13006000	PIPING AND PLUMBING TECHNOLOGY
13008200	PRINCIPLES OF ARTS, AUDIO VISUAL TECHNOLOGY, AND COMMUNICATIONS
13009600	PRINTING AND IMAGING TECHNOLOGY
13009700	ADVANCED PRINTING AND IMAGING TECHNOLOGY
13009900	PROFESSIONAL COMMUNICATIONS
13011300	TOUCH SYSTEM DATA ENTRY
13011800	GLOBAL BUSINESS
13012200	PRACTICUM IN BUSINESS MANAGEMENT
13022600	CULINARY ARTS
13022700	PRACTICUM IN CULINARY ARTS
13027200	PRINCIPLES OF INFORMATION TECHNOLOGY
13027300	COMPUTER MAINTENANCE
13027400	TELECOMMUNICATIONS AND NETWORKING
13027500	COMPUTER TECHNICIAN
13029300	LAW ENFORCEMENT I
13029400	LAW ENFORCEMENT II
13029500	FORENSIC SCIENCE
13029700	CORRECTIONAL SERVICES
13029800	SECURITY SERVICES
13029900	FIREFIGHTER I
13030000	FIREFIGHTER II
13032200	PRINCIPLES OF MANUFACTURING
13032300	WELDING
13032400	ADVANCED WELDING
13032500	PRECISION METAL MANUFACTURING
13032600	ADVANCED PRECISION METAL MANUFACTURING
13032700	FLEXIBLE MANUFACTURING
13032800	ADVANCED FLEXIBLE MANUFACTURING
13032900	MANUFACTURING ENGINEERING

**Nontraditional for Females (continued)**

PEIMS Number	Course
13033000	PRACTICUM IN MANUFACTURING
13034400	ENTREPRENEURSHIP
13036300	BIOTECHNOLOGY
13036500	ENGINEERING DESIGN AND PRESENTATION
13036600	ADVANCED ENGINEERING DESIGN AND PRESENTATION
13036800	ELECTRONICS
13037100	PRINCIPLES OF TECHNOLOGY
13037200	SCIENTIFIC RESEARCH AND DESIGN
13037210	SCIENTIFIC RESEARCH AND DESIGN II
13039300	ENERGY, POWER, AND TRANSPORTATION SYSTEMS
13039400	AIRCRAFT TECHNOLOGY
13039500	ADVANCED AIRCRAFT TECHNOLOGY
13039600	AUTOMOTIVE TECHNOLOGY
13039700	ADVANCED AUTOMOTIVE TECHNOLOGY
13039800	COLLISION REPAIR AND REFINISHING
13039900	ADVANCED COLLISION REPAIR AND REFINISHING
13040000	SMALL ENGINE TECHNOLOGY
13040100	ADVANCED SMALL ENGINE TECHNOLOGY
13040200	TRANSPORTATION SYSTEMS MANAGEMENT

**Nontraditional for Males**

PEIMS Number	Course
13000600	VETERINARY MEDICAL APPLICATIONS
13012000	VIRTUAL BUSINESS
13012200	PRACTICUM IN BUSINESS MANAGEMENT
13014400	INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING
13014500	PRACTICUM IN EDUCATION AND TRAINING
13016200	MONEY MATTERS
13016300	BANKING AND FINANCIAL SERVICES
13016600	ACCOUNTING I
13016700	ACCOUNTING II
13020400	HEALTH SCIENCE
13020500	PRACTICUM IN HEALTH SCIENCE
13020700	MEDICAL MICROBIOLOGY
13020800	PATHOPHYSIOLOGY
13023000	FOOD SCIENCE
13024500	LIFETIME NUTRITION AND WELLNESS
13024600	COUNSELING AND MENTAL HEALTH
13024800	CHILD GUIDANCE
13025000	PRACTICUM IN HUMAN SERVICES
13025100	INTRODUCTION TO COSMETOLOGY
13025200	COSMETOLOGY I
13025300	COSMETOLOGY II
N1302531	COSMETOLOGY MANICURIST SPECIALITY
N1302532	COSMETOLOGY SHAMPOO AND CONDITIONING SPECIALIST