



# Nontraditional Careers Fact Sheet

Carl D. Perkins IV Legislation



**Nontraditional Careers: Occupations or fields of work for which individuals from one gender comprise less than 25% of individuals employed in that field or occupation.**

## In order to meet the requirements of the legislation, the state will:

- support and foster professional development programs/activities that will be directed toward and support strategies to remove barriers and improve instruction and learning for adult learners, gender nontraditional and other special population students. (II.A.3)
- offer technical assistance in increasing the participation and completion of students in nontraditional careers (II.A.8)
- provide guidance, professional development, and technical assistance to serve as an information resource for local institutions. Staff will conduct and facilitate statewide and regional workshops and other special events promoting high skill, high wage, or high demand occupations and non-traditional fields. (III.A.3)
- provide funds to support postsecondary institutions in conducting institutional self-assessment studies to evaluate the degree to which the programs and services provided by the institution support and assist learners in choosing and successfully completing CTE programs for high skill, high wage, high demand occupations and non-traditional fields. (III.A.3)
- gives priority consideration for special projects to implement and/or expand CTE programs to address regional or statewide workforce development needs in high skill, high wage, or high demand occupations in critical or emerging industries within the Perkins Re-serve Fund competitive grant. (III.A.3)

*This information was obtained from the Carl D. Perkins Career and Technical Education Act of 2006 Kansas State Plan.*

## Gender Pay Gap in U.S.A. US Census Bureau (2013)

Male dominated fields pay a median hourly wage of \$21.50 (\$44,720/annual)

Female dominated fields pay a median hourly wage of \$17.65 (\$36,712/annually)

**\$8,008 Annual Gender Pay Gap!**



Careers have no gender...  
**Careers have no gender....**  
Success has no limits!

## Kansas Non-traditional CTE Pathways

Nontraditional Pathways	CIP	
Agribusiness Systems	01.0101	F
Animal Science	01.0901	F
AV Communications	09.0702	F
Biochemistry	14.1401	F
Biomedical	14.0501	F
Biotechnology in Agriculture	26.1201	F
Business Entrepreneurship & Management	52.0799	F
Business Finance	52.0801	M
Cartography/Geospatial/Spatial Mathematics	15.1102	F
Computer Science Engineering	11.0701	F
Construction & Deign	46.0000	F
Corrections, Security, Law & Law Enforcement	15.1303	F
Early Childhood Development & Services	19.0709	M
Education & Training	13.0101	M
Emergency & Fire Management Services	43.0299	F
Energy	17.2071	F
Engineering & Applied Mathematics	14.0101	F
Food Products & Processing Systems	01.0401	F
Government & Public Administration	44.0401	F
Health Science	51.9999	M
Information Support & Services	11.0301	F
Manufacturing	48.0000	F
Mobile Equipment Maintenance	47.9999	F
Natural Resources & Environmental Systems	03.0101	F
Network Systems	11.0901	F
Plant Systems	01.1101	F
Power, Structural, & Technical Systems	01.0201	F
Programming & Software Development	11.0201	F
Restaurant & Event Management	12.0504	F
Travel & Tourism	52.0901	M

**National Non-traditional Occupations-** This is just a sampling of occupations. Visit the United States Department of Labor online for more information.

### Male Nontraditional

Pre-school Teacher  
Elementary Teachers  
Teacher Assistants  
Loan Officer  
Childcare Workers  
Dietitians  
Nutritionists  
Travel Agen  
Occupational Therapist  
Speech-language Pathologist  
Nurse Practitioner  
Dental Hygienist  
Diagnostic Technician  
Nurse  
Psychiatric Medical Assistant  
Phlebotomist  
Preschool Special Education  
Accoucheur

### Female Nontraditional

Farm, Ranch, and other agricultural managers  
Construction Managers  
Civil Engineers  
Brick masons  
Electricians  
Police/Sherriff  
Carpenters  
CAD Designer  
Computer programmers  
Cartographers  
Engineers  
Geosciences  
Manufacturer  
Network Administrator  
Robotics  
Web Designer  
Architect  
Fire Fighter  
Automotive Tech

## Non-traditional Resources

**Kansas New Look-Kansas Board of Regents Initiative**  
[www.icsps.ilstu.edu](http://www.icsps.ilstu.edu)

**KSDE Nontraditional website**  
[http://www.ksde.org/Agency/DivisionofLearningServices/CareerStandardsandAssessmentServices/CSASHome/CareerTechnicalEducation\(CTE\)/PerkinsFederalAccountability/Non-TraditionalFields.aspx](http://www.ksde.org/Agency/DivisionofLearningServices/CareerStandardsandAssessmentServices/CSASHome/CareerTechnicalEducation(CTE)/PerkinsFederalAccountability/Non-TraditionalFields.aspx)

**Midwest Equity Assistance Center**  
[www.meac.org](http://www.meac.org)

**National Alliance for Partnerships in Equity**  
[www.napequity.org](http://www.napequity.org)

**Strategies for Improving Nontraditional Participation**  
Go to KSDE Nontraditional Website

**United States Department of Labor**  
<http://www.dol.gov/>

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