



AGRICULTURE, FOOD, & NATURAL RESOURCES CAREER CLUSTER PATHWAY: POWER, STRUCTURAL & TECHNICAL SYSTEMS

DEGREE/TRAINING REQUIRED Standard Occupational System (SOC) Code	OCCUPATION	KANSAS MEDIAN SALARY ⁱ	% CHANGE / EMPLOYMENT PROSPECTS	
			KANSAS 2012-2022 ⁱⁱ	USA 2014-2024 ⁱⁱⁱ
-Associate Degree -Certifications -On the Job Training -2 Yr. Community/Technical Colleges -Registered Apprenticeship				
17-3023	Electrical and Electronic Engineering Technicians: Electronics Systems Technicians	\$62,260/year	+0.7%	-2%
15-1151	Computer Support Specialists: Computer Service Technical Support Technicians / Information Lab Specialists	\$41,820/year	+2.1%	+13%
19-4091	Environmental Science and Protection Technicians, Including Health: Recycling Technicians	\$44,450/year	+1.5%	+9.5%
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers: Communications Technicians	\$46,210/year	-0.2%	-3.6%
17-3031	Surveying and Mapping Technicians: GPS Technicians	\$37,620/year	+2%	-7.6%
51-4041	Machinists	\$37,170/year	+1.8%	+9.8%
49-3041	Farm Equipment Mechanics and Service Technicians	\$35,400/year	+1.1%	+7.2%

ⁱ Salary data from the Kansas Department of Labor, 2014 Kansas Wage Survey

ⁱⁱ 2012-2022 Kansas Occupational Outlook Study, <http://www.dol.ks.gov>

ⁱⁱⁱ 2014-2024 National Employment Occupational Outlook Handbook, <http://www.bls.gov/oco>

DEGREE/TRAINING REQUIRED Standard Occupational System (SOC) Code	OCCUPATION	KANSAS MEDIAN SALARY ⁱ	% CHANGE / EMPLOYMENT PROSPECTS	
			KANSAS 2012-2022 ⁱⁱ	USA 2014-2024 ⁱⁱⁱ
51-4121	Welders, Cutters, Solderers, and Brazers	\$33,480/year	+0.8%	+3.6%
51-8031	Water and Liquid Waste Treatment Plant and System Operators: Waste Water Treatment Plant Operators	\$36,710/year.	+0.7%	+6%
41-2022	Parts Salespersons: Equipment/Parts Managers	\$28,210/year	+0.6%	+7.2%
45-2091	Agricultural Equipment Operators: Machine operators	\$28,230/year	+1%	+5.4%
Bachelor's Degrees Colleges / Universities				
17-2021	Agricultural Engineers	\$73,620/year	+0.5%	+2.2%
15-1121	Computer Systems Analysts: Agricultural Applications Software Developers/Programmers	\$74,450/year	+2.5%	+20.9%
15-1141	Database Administrators	\$76,760/year	+1.5%	+11.1%
17-1021	Cartographers and Photogrammetrists: Remote Sensing Specialists	\$47,060/year	2.8%	+29.3%
25-9021	Farm and Home Management Advisors: Education and Extension Specialists / Agricultural Extension Engineering Specialists	\$50,050/year	+1.4%	+10.9%

N/A = Data Not Available

Employment is projected to:	Growth compared to average:
increase 21 percent or more	Grow much faster than average
increase 14 to 20 percent	Grow faster than average
increase 7 to 13 percent	Grow about as fast as average
increase 3 to 6 percent	Grow more slowly than average

decrease 2 percent to increase 2 percent	Little or no change
decrease 3 to 9 percent	Decline slowly or moderately
decrease 10 percent or more	Decline rapidly