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 2008-2018[ii]	USA 2006-2016[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	$26.17/hr.	+3%	+4%
15-1041	Computer Support Specialists: Computer Service Technical Support Technicians / Information Lab Specialists	$19.12hr.	+13%	+13%
19-4091	Environmental Science and Protection Technicians, Including Health: Recycling Technicians	$19.58/hr.	+20%	+28%
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers: Communications Technicians	$23.82/hr.	+5%	+3%
17-3031	Surveying and Mapping Technicians: GPS Technicians	$13.95/hr.	+15%	+19%
51-4041	Machinists	$17.23/hr.	-4%	-3%
49-3042	Mobile Heavy Equipment Mechanics, Except Engines: Heavy Equipment Maintenance Technicians	$18.68/hr.	+8%	+12%
51-4121	Welders, Cutters, Solderers, and	$15.08/hr.	+0.2%	+5%

[i] 2008-2018 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[ii] 2008-2018 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[iii] 2008-2009 National Employment Occupational Outlook Handbook, http://www.bls.gov/oco

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	Brazers			
51-8031	Water and Liquid Waste Treatment Plant and System Operators: Waste Water Treatment Plant Operators	$16.00/hr.	+19%	+14%
41-2022	Parts Salespersons: Equipment/Parts Managers	$13.64/hr.	+3%	-2% - +2%
45-2091	Agricultural Equipment Operators: Machine operators	$12.38/hr.	+12%	-5%
Bachelor's Degrees Colleges / Universities				
17-2021	Agricultural Engineers	$31.16/hr.	+7%	+9%
15-1051	Computer Systems Analysts: Agricultural Applications Software Developers/Programmers	$32.56/hr.	+17%	+29%
15-1061	Database Administrators	$31.77/hr.	+15%	+29%
17-1021	Cartographers and Photogrammetrists: Remote Sensing Specialists	N/A	N/A	+20%
25-9021	Farm and Home Management Advisors: Education and Extension Specialists / Agricultural Extension Engineering Specialists	$21.70/hr.	+0%	+3-6%

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