MANUFACTURING CAREER CLUSTER
PATHWAY: MAINTENANCE, INSTALLATION & REPAIR

DEGREE/TRAINING REQUIRED Standard Occupational System (SOC) Code	OCCUPATION	KANSAS AVERAGE SALARY[i]	% CHANGE / EMPLOYMENT PROSPECTS	
			KANSAS 2010-2020[ii]	USA 2010-2020[iii]
-Associate Degree **-Certifications** **-On the Job Training** **-2 Yr. Community/Technical Colleges** **-Registered Apprenticeship**				
49-2011	Computer, Automated Teller, and Office Machine Repairers: Computer Installers/ Repairers/ Computer Maintenance Technicians	$17.98/hr.	+2%	+11%
49-2094	Electrical & Electronics Installers/Repairers, Commercial & Industrial Equipment	$23.16/hr.	+2%	+1%
17-3026	Industrial Engineering Technicians	$26.90/hr.	+13%	+4%
17-3029	Engineering Technicians, Except Drafters, All Other: Laser Systems Technicians	$29.12/hr.	+13%	N/A
49-9062	Medical Equipment Repairers: Biomedical Equipment Repairers	$20.56/hr.	+32%	+31%
47-2011	Boilermakers	N/A	N/A	+21%
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	$23.63/hr.	-7%	+15%
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers:	$27.61/hr.	+8%	+12%

[i] 2010-2020 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[ii] 2010-2020 Kansas Occupational Outlook Study, http://www.dol.ks.gov
[iii] 2012-2013 National Employment Occupational Outlook Handbook, http://www.bls.gov/ooh

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	Industrial Facilities Managers			
49-9041	Industrial Machinery Mechanics: Maintenance Repairers	$20.54/hr.	+21%	22%
49-9042	Maintenance and Repair Workers, General	$16.80/hr.	+10%	+11%
47-2111	Electricians: Job/Fixture Designers / Facility Electricians	$22.68/hr.	+13%	+23%
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door: Meter Installers/Repairers	$23.62/hr.	+7%	0%
49-9044	Millwrights	$25.42/hr.	-10%	-5%
47-2152	Plumbers, Pipefitters, & Steamfitters	$23.34/hr.	+15%	+26%
49-2098	Security and Fire Alarm Systems Installers	$19.46/hr.	+28%	+33%
49-2092	Electric Motor, Power Tool, and Related Repairers, Major Appliance Repairer	$14.19/hr.	+2%	+5%

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