MANUFACTURING CAREER CLUSTER
PATHWAY: PRODUCTION

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**				
17-3026	Industrial Engineering Technicians	$26.38/hr.	+3%	+7%
51-2099	Assemblers and Fabricators	$26.16/hr.	-5%	-2%
51-4011	Computer-Controlled Machine Tool Operators: metal & plastic	$15.23/hr.	+11%	+7%
51-7042	Woodworking Machine Setters, Operators, Tenders	$11.53	8%	+5%
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	$22.41/hr.	+4%	+4%
51-2023	Electromechanical Equipment Assemblers	$16.97/hr.	-6%	-10%
51-6091	Extruding, Forming, Pressing & compacting Machine Setters, Operators & Tenders	$21.01/hr.	-27%	+14-20%
51-4071	Foundry Mold and Coremakers	$12.38/hr.	-5%	-12%
51-4033	Grinding, Lapping, Polishing and Buffing Machine Tool Setters, Operators and Tenders, Metal and Plastic	$12.66/hr.	-9%	-16%
53-7064	Packers & Packagers, Hand	$9.06/hr.	-3%	-4%
51-9111	Packaging & Filling Machine Operators	$14.26/hr.	0%	-2 - +2%

[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] 2010-2011 National Employment Occupational Outlook Handbook, http://www.bls.gov/oco

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53-7041	Hoist & Winch Operators	N/A	N/A	-8%
51-4041	Machinists: Instrument Makers/Machine Operators	$17.23/hr.	-4%	-5%
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	$14.74/hr.	-12%	-16%
49-9044	Millwrights	$26.50/hr.	+2%	+1%
51-9083	Ophthalmic Laboratory Technicians: Precision Optical Goods Workers	$11.99/hr.	-8	+15%
47-2141	Painters, Construction and Maintenance	$14.76/hr.	+1%	+7%
51-4193	Coating, Painting and Spraying Machine Setters, Operators and Tenders	$13.67/hr.	-4%	-12%
47-2211	Sheet Metal Workers	$17.29/hr.	-1%	+6%
51-4111	Tool and Die Makers	$24.48/hr.	-7%	-8%
51-4121	Welders, Cutters, Solderers and Brazers	$15.08/hr.	0%	-2%
Bachelor's Degrees Colleges / Universities				
11-3051	Industrial Production Managers	$33.78/hr.	-4%	-8%

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