ARCHITECTURE AND CONSTRUCTION CLUSTER
PATHWAY: CONSTRUCTION & MAINTENANCE OPERATIONS

DEGREE/TRAINING REQUIRED Standard Occupational System (SOC) Code	OCCUPATION	KANSAS AVERAGE HOURLY 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**				
11-9021	Construction Managers: General Contractor, Specialty Contractor, Project Manager, Equipment & Material Manager	$37.92/hr.	+10%	+17%
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	$27.98/hr.	+14%	+17%
49-9021	HVAC Mechanics / Refrigeration	$20.88/hr.	+22%	+34%
47-2021	Brickmasons/Block masons	$24.29/hr.	+26%	+41%
47-2111	Electricians	$22.68/hr.	+13%	+23%
47-2152	Plumbers, Pipefitters, Steamfitters	$23.34/hr.	+15%	+26%
47-2073	Operating Engineers & Other Construction Equipment Operators	$16.29/hr.	+11%	+23%
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	$30.18/hr.	+10%	+16%
47-2221	Structural Iron and Steel Workers	$23.88/hr.	+11%	+22%

[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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47-4011	Construction & Building Inspectors	$25.11/hr.	+21%	+18%
49-9044	Millwright/Industrial Machinery Mechanic	$25.42/hr.	-10%	-5%
47-2031	Carpenters	$19.31/hr.	+13%	+20%
51-7011	Woodworkers/Cabinetmakers	$14.90/hr.	+11%	17%
47-2141	Painters, Paperhangers, Construction & Maintenance	$16.94/hr.	+10%	+18%
47-2051	Cement Masons & Concrete Finishers	$17.38/hr.	+22%	+35%
47-2181	Roofers+17	$17.12/hr.	+5%	+18%
47-2121	Glaziers+12	$17.65/hr.	30%	+42%
17-3022	Civil Engineering Technicians	$23.98/hr.	+10%	+12%
17-3025	Environmental Engineering Technicians: Wastewater Maintenance Technician	$18.12/hr.	+35%	+24%
37-3011	Landscaping & Grounds keeping Workers	$11.73/hr.	+20%	+21%
47-2081	Drywall/Ceiling Tile Installers	$18.31/hr.	+15%	+28%
47-2041	Carpet Installers/Floor Layers	$18.31/hr.	-5%	+10%
47-4041	Hazardous Material Removal Workers	$17.62/hr.	+31%	+23%
47-2044	Tile & Marble Setters	$20.93/hr.	+12%	+25%
49-2098	Security & Fire Alarm System Installers	$19.46/hr.	+28%	+33%
Bachelor's Degrees Colleges / Universities				
11-9041	Engineering Managers: Safety Directors	$57.92/hr.	+14%	+9%
17-2051	Civil Engineers: Construction Engineer / Project Engineer	$34.93/hr.	+20%	+19%
11-2022	Sales Managers	$52.12/hr.	+9%	+12%
13-1051	Cost Estimators	$28.04/hr.	+27%	+36%
11-2021	Marketing Managers	$54.13/hr.	+11%	+14%
11-9021	Construction Managers: General Contractor/ Specialty Contractor/ Project Manager/ Equipment &	$37.92/hr.	+10%	+17%

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	Material Manager/ Scheduler			
11-3061	Purchasing Managers	$45.55/hr.	+10%	7%
11-3131	Training & Development Managers	$42.50/hr.	+12%	+15%
17-2081	Environmental Engineers	$39.16/hr.	+14%	+22%

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