

Advanced Manufacturing Occupations for Metro Denver

Data Includes 7 Counties: Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, and Jefferson
projected high demand/growth through 2020

In Demand Occupation by Education Level		Experience and Training		Adv. Manuf. Industry Specific Data			Aggregate Occupational Data Across All Industries					Earnings Data		
Occupation		Work Experience Required	Typical On-The-Job Training	Employed in Industry (2014)	Employed in Industry (2020)	Change in industry (2014 - 2020)	Total jobs (2014)	Total jobs (2020)	Change (2014 - 2020)	% Change (2010 - 2020)	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings
HS Diploma	Coating, Painting, Spraying Machine Setters, Operators, & Tenders	None	Moderate-term	82	97	15	995	1,008	14	21%	39	\$13.17	\$17.29	\$22.99
	Computer-Controlled Machine Tool Operators, Metal and Plastic	None	Moderate-term	95	133	38	609	704	95	40%	38	\$15.96	\$20.04	\$24.77
	Electricians	None	Apprenticeship	35	40	5	9,680	10,205	525	23%	410	\$16.24	\$22.12	\$27.57
	Electromechanical Equipment Assemblers	None	Short-term	855	942	86	1,723	1,748	24	17%	56	\$14.49	\$15.83	\$18.12
	Industrial Machinery Mechanics	None	Long-term	218	269	50	3,704	4,244	540	28%	223	\$18.92	\$23.76	\$28.32
	Inspectors, Testers, Sorters, Samplers, and Weighers	None	Moderate-term	363	432	68	4,043	4,603	560	34%	211	\$15.76	\$19.95	\$24.46
	Machinists	None	Long-term	344	434	90	2,954	3,309	355	38%	164	\$16.46	\$21.17	\$26.00
	Maintenance and Repair Workers, General	None	Long-term	149	171	22	12,748	13,690	942	15%	448	\$14.13	\$18.22	\$23.44
	Structural Metal Fabricators and Fitters	None	Moderate-term	29	37	8	571	612	41	30%	38	\$17.56	\$20.79	\$24.12
	Welders, Cutters, Solderers, and Brazers	None	Moderate-term	168	213	45	2,695	2,918	222	28%	141	\$15.83	\$18.11	\$21.22
Associate's Degree	Aerospace Engineering and Operations Technicians	None	None	89	95	7	298	306	8	15%	12	\$28.64	\$36.06	\$42.30
	Chemical Technicians	None	Moderate-term	47	53	5	540	616	76	31%	29	\$16.30	\$20.03	\$26.17
	Electrical and Electronics Drafters	None	None	33	38	6	658	722	65	24%	25	\$23.52	\$28.03	\$35.74
	Electrical and Electronics Engineering Technicians	None	None	264	302	38	1,592	1,729	137	18%	64	\$24.31	\$28.49	\$33.87
	Electro-Mechanical Technicians	None	None	32	39	7	192	222	30	27%	10	\$25.63	\$29.47	\$37.43
	Engineering Technicians, Except Drafters, All Other	None	None	61	69	7	1,043	1,129	87	18%	41	\$26.91	\$33.53	\$40.28
	Industrial Engineering Technicians	None	None	109	134	25	350	391	41	21%	16	\$19.52	\$25.02	\$32.73
	Mechanical Drafters	None	None	48	60	11	755	809	54	19%	25	\$22.62	\$27.28	\$32.81
	Mechanical Engineering Technicians	None	None	83	99	17	452	531	78	39%	25	\$22.56	\$29.21	\$35.38
Bachelor's Degree	Aerospace Engineers	None	None	194	225	31	2,371	2,500	130	16%	99	\$45.49	\$56.15	\$67.16
	Architectural and Engineering Managers	5 years or more	None	224	249	26	2,667	3,045	378	33%	145	\$58.69	\$68.20	\$82.55
	Biomedical Engineers	None	None	25	31	5	310	376	67	45%	20	\$35.88	\$43.05	\$52.27
	Chemical Engineers	None	None	35	37	2	500	570	70	33%	26	\$29.85	\$42.46	\$55.95
	Chemists	None	None	82	88	6	1,169	1,266	97	18%	52	\$25.63	\$35.09	\$47.85
	Commercial and Industrial Designers	None	None	28	34	6	864	972	109	27%	46	\$21.70	\$24.51	\$30.24
	Electrical Engineers	None	None	315	378	63	2,755	3,038	283	25%	126	\$31.80	\$40.61	\$50.86
	Electronics Engineers, Except Computer	None	None	433	501	68	4,001	4,192	191	13%	165	\$34.92	\$44.36	\$56.66
	Engineers, All Other	None	None	99	111	11	2,006	2,295	289	39%	107	\$31.27	\$37.92	\$45.26
	Industrial Engineers	None	None	436	530	94	2,342	2,594	251	26%	128	\$35.20	\$43.14	\$52.80
	Industrial Production Managers	5 years or more	None	126	155	29	956	1,079	123	25%	41	\$33.59	\$44.36	\$56.86
	Materials Engineers	None	None	59	66	6	394	419	25	20%	20	\$38.69	\$47.14	\$58.61
	Mechanical Engineers	None	None	426	494	68	4,290	4,731	440	28%	253	\$31.39	\$40.00	\$51.45