

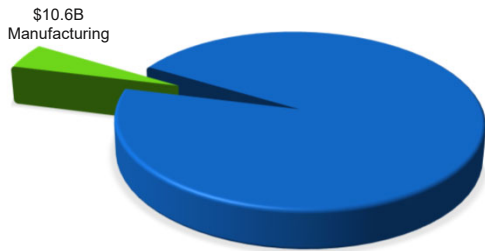
Advanced Manufacturing Industry Profile

Northeastern Nevada 2024

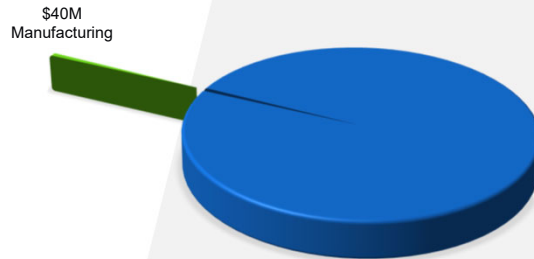
Counties: Elko County, Eureka County, Lander County, and White Pine County

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2023 Gross Regional Product



Nevada State
2023 GRP \$211.8 Billion



4 East Nevada Counties
2023 GRP \$7.2 Billion

Data: Source: Lightcast. 2024 Source: Lightcast <https://analyst.lightcast.io>
2024. Products: Source: Lightcast Analyst 2024.
Occupations displayed by 2-digit NAICS codes

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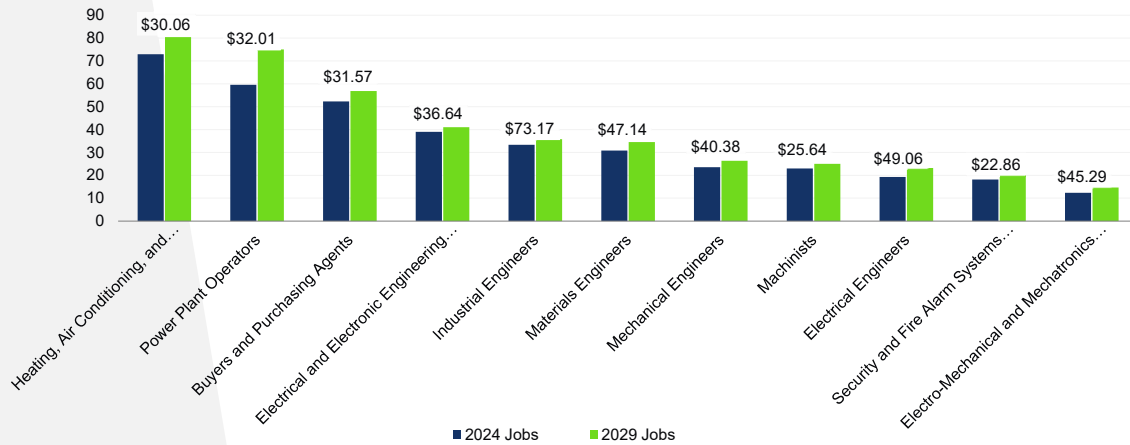
Top Demand for Advanced Manufacturing Occupations

Occupation	2023 Jobs	2023 Hires	Avg. Annual Openings	Median Hourly Earnings	Typical Entry Level Education
Maintenance and Repair Workers, General	546	268	50	\$22.46	High school diploma or equivalent
Production Workers, All Other	91	75	10	\$23.58	High school diploma or equivalent
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	71	44	8	\$30.06	Postsecondary nondegree award
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	56	20	5	\$36.64	High school diploma or equivalent
Power Plant Operators	55	16	9	\$32.01	High school diploma or equivalent
Buyers and Purchasing Agents	51	22	6	\$31.57	Bachelor's degree
Electrical and Electronics Repairers, Commercial and Industrial Equipment	49	14	4	\$40.02	Postsecondary nondegree award
Helpers--Production Workers	48	63	8	\$24.77	High school diploma or equivalent
Coin, Vending, and Amusement Machine Servicers and Repairers	38	23	4	\$20.90	High school diploma or equivalent
Electrical and Electronic Engineering Technologists and Technicians	38	20	4	\$36.64	Associate's degree
Miscellaneous Assemblers and Fabricators	38	37	4	\$20.94	High school diploma or equivalent
Butchers and Meat Cutters	33	24	4	\$20.96	No formal educational credential
Industrial Engineers	33	10	2	\$73.17	Bachelor's degree
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	31	<10	3	\$34.51	High school diploma or equivalent
Engineering Technologists and Technicians, Except Drafters, All Other	30	<10	3	\$34.58	Associate's degree

Source: U.S. Bureau of Labor Statistics; Lightcast, 2024 Q2. Advanced Manufacturing occupations displayed by 6-digit SOC

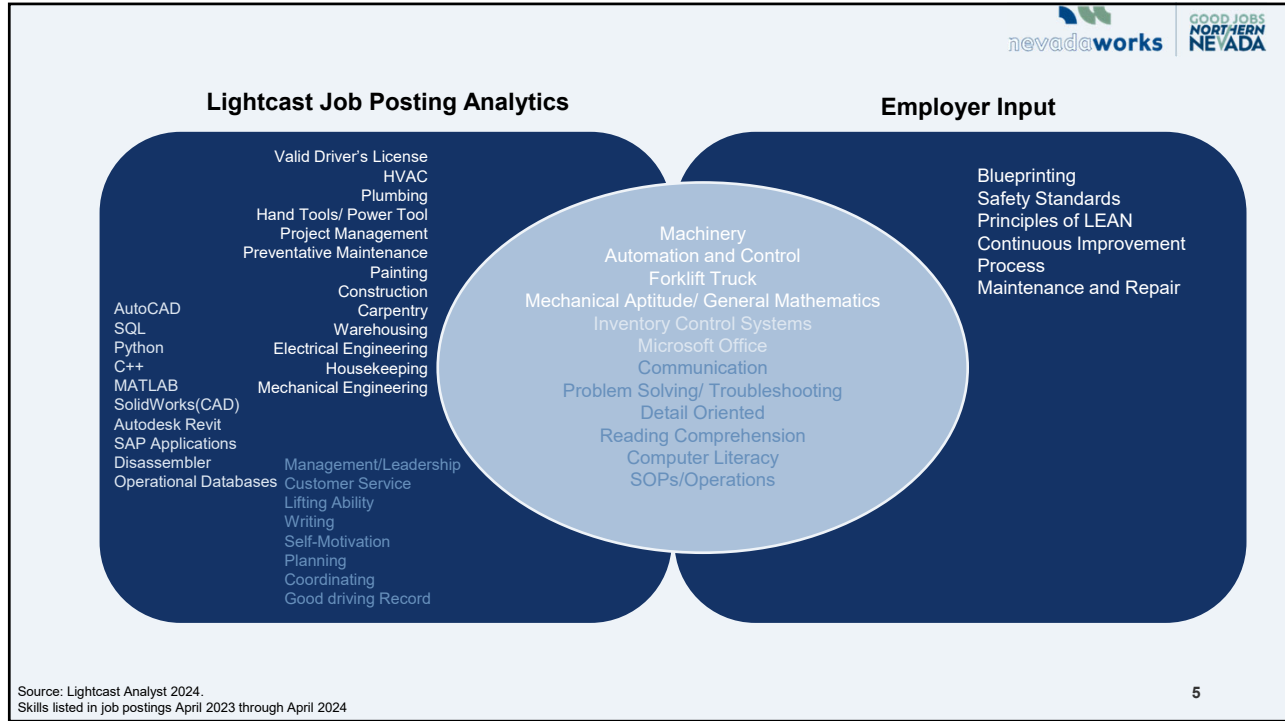
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Fastest Growing Occupations 2024-2029 Projected

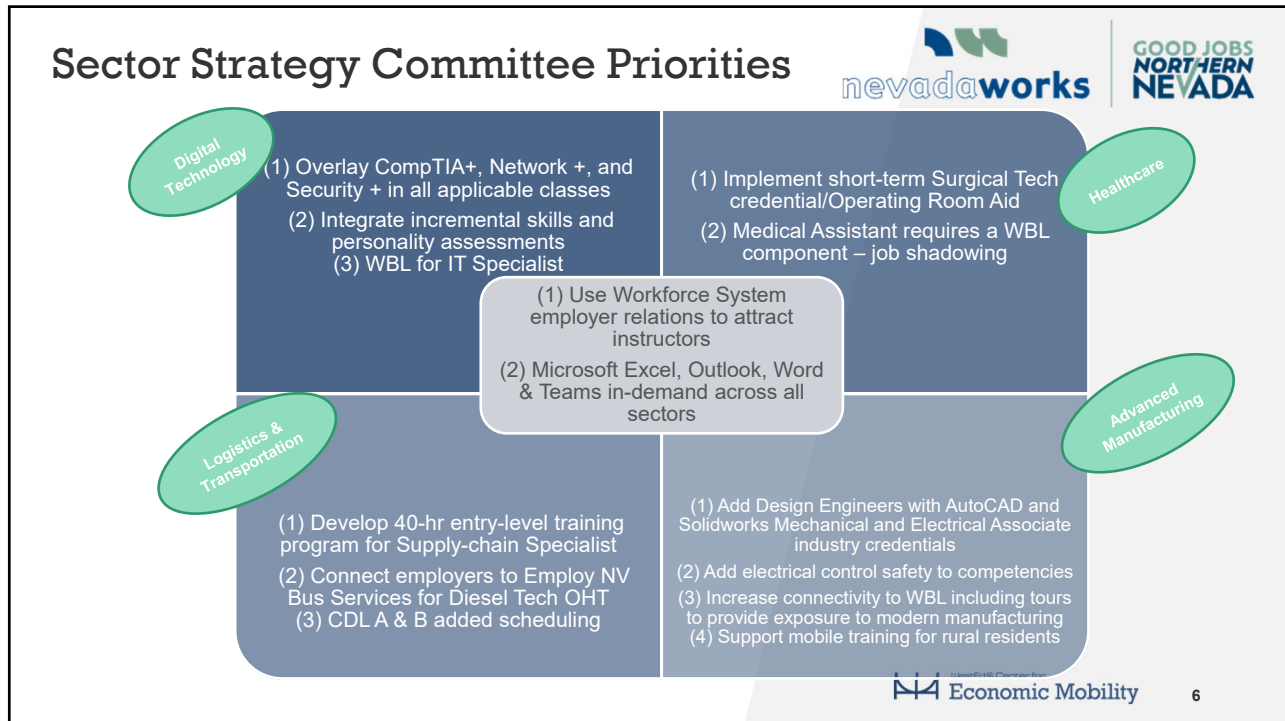


Source: U.S. Bureau of Labor Statistics; Lightcast, 2024 Q2. Advanced Manufacturing occupations displayed by 6-digit SOC

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Annual Hires and Job Openings by Sector and Occupational Cluster

	Nevada State		4 East Nevada Counties	
	2023 Hires	Avg. Annual Openings	2023 Hires	Avg. Annual Openings
<i>Production</i>	35,365	4,894	272	73
<i>Business and Financial Operations</i>	1,384	271	22	6
<i>Architecture and Engineering</i>	4,469	1,009	65	27
<i>Installation, Maintenance, and Repair</i>	16,871	3,053	361	77

Source: U.S. Bureau of Labor Statistics: Lightcast, 2024 Q2. Advanced Manufacturing clusters displayed by 2-digit SOC




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GJNN Education & Training at GBC – Manufacturing Sector

Certificate or Course	Description
Industrial Millwright – Skills Certificate	National Center for Construction and Research (NCCER)
Industrial Maintenance – Skills Certificate, Certificate of Achievement, Associate of Applied Science	National Center for Construction and Research (NCCER)
Electrical Systems Technology – Certificate of Achievement; Associate of Applied Science	Open pit electrician, underground mine electrician, manufacturing electrician, service electrician, industrial electrician
Welding – Skills Certificate, Certificate of Achievement, Associate of Applied Science	American Welding Society (AWS) Certified Welding (CW) exams in Arc, MIG, TIG, Pipe
IT 106 Maintenance and Process Terminology	Intro to millwright and process terminology. Students will learn basic terminology and functions of primary process equipment and their sub-components. This course covers parts of basic safety policies and procedures for work site safety.
IT 201 Blueprint Reading and Measurement Fundamentals	Blueprint reading fundamentals for mechanical and construction drawings. Also, an introduction to different types of measuring instruments and their proper uses in industry.



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