



Advanced Manufacturing Industry REAL TIME LABOR MARKET SUMMARY December 2013 ■ Statewide

Advanced Manufacturing Industry Labor Analysis across the state during the last 6 months.

There were a total of 2,085 job postings in the Advanced Manufacturing Industry for the 6 month period. The top occupation was Software Developers, Applications with 161 job postings.

Top Job Postings		
SOC Code	Occupation	Job Openings
Now Occupations		
49-9071	Maintenance And Repair Workers, General	53
41-4012	Sales Reps, Wholesale And Mfg.	44
43-5061	Production, Planning, And Expediting Clerks	30
15-1151	Computer User Support Specialists	27
49-9099	Installation, Maintenance, And Repair Workers	16
43-6014	Secretaries And Admin. Assistants	14
43-9061	Office Clerks, General	11
51-9061	Inspectors, Testers, Sorters, Samplers, And Weighers	8
51-9199	Production Workers, All Other	8
43-3061	Procurement Clerks	8
Next Occupations		
51-1011	First-Line Supervisors Of Production And Operating Workers	29
13-1023	Purchasing Agents	22
11-9199	Managers, All Other	22
53-3032	Heavy And Tractor-Trailer Truck Drivers	16
43-1011	First-Line Supervisors Of Office And Admin. Support Workers	13
11-1021	General And Operations Managers	13
47-2111	Electricians	8
17-3012	Electronic Drafters	7
11-9199	Supply Chain Managers	7
17-3029	Manufacturing Production Technicians	6
Later Occupations		
15-1132	Software Developers, Applications	161
15-1121	Computer Systems Analysts	103
17-2141	Mechanical Engineers	86
17-2071	Electrical Engineers	86
15-1131	Computer Programmers	61
13-1071	Human Resources Specialists	52
13-1081	Logistics Analysts	49
17-2051	Civil Engineers	40
17-2199	Manufacturing Engineers	34
13-2011	Accountants	33

Occupations are divided into Now, Next and Later categories based on the typical training and education required. Now occupations usually require 1-12 months of on-the-job training. Next occupations usually require more than one year of on-the-job training and can additionally need specific work experience. These occupations often require an associate's degree or vocational certificate. Later occupations usually require a bachelor's degree or higher and may need specific work experience.

Nearly two-thirds (65%) of the jobs posted for this industry and time period fell into the Later category, indicating this is an industry that demands technical and skilled labor.

Top Employers

- Boeing
- Emerson Electric
- Honeywell
- Harley Davidson
- Siemens



Advanced Manufacturing Industry Skills and Certificates

Top 10 Base Skills	
Description	Job Openings
Organizational Skills	911
Communication Skills	819
Leadership	602
Customer Service	544
Analytical Skills	517
Planning	514
Management	476
Project Management	438
Building Effective Relationships with Customers / Co - Workers	426
Writing	392

Top 10 Specialized Skills	
Description	Job Openings
Structured Methods	466
Mathematics	378
Chemistry	357
Physics	338
Repair	231
Scheduling	192
Systems Integration	173
Software Engineering	172
Procurement	169
Validation	163

Basic skills are the most numerous, being found in the majority of job advertisements. Several Soft Skills such as Organization, Communication, and Customer Service ranked in the top 10. Organizational Skills were found in 44% of the job postings. The top specialized skill was Structured Methods, followed by Mathematics. Several Microsoft programs, such as Excel and Office, ranked in the top 10 software skills.

Top 10 Software Skills	
Description	Job Openings
Microsoft Excel	383
Microsoft Office	346
Microsoft PowerPoint	247
Microsoft Windows	178
JAVA	151
LINUX	127
C++	126
Computer Aided Drafting/Design (CAD)	122
Oracle	119
UNIX	119

Top 10 Certificates	
Description	Job Openings
Six Sigma Certification	33
Certified Public Accountant	33
Project Management Certification (E.G. PMP)	23
Professional In HR/Senior Professional In HR	21
Six Sigma Green Belt	15
Professional Engineer	10
Capability Model Maturity Integration (CMMI) Certification	10
APICS (American Production And Inv. Control Society) Cert.	10
Six Sigma Black Belt	9
Security+	8

The top requested certificates were Six Sigma and Certified Public Accountant. Human Resource Certifications were also in the top 10 requested certificates.

Notes:

Data for this analysis has been extracted using Burning Glass Technologies Labor/Insight™ tool which collects information from over 17,000 web sources, including job boards, newspapers, and employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks.

This workforce solution was funded by grants awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.

