

◆ MANUFACTURING ◆



OCCUPATIONS IN SOUTH CENTRAL MINNESOTA

October 2009



Whether it is clothing, cell phones, computers, food, athletic gear, medicine or cosmetics, virtually everything we use on a daily basis is manufactured. These and many other products are part of everyday life because advanced manufacturing techniques make them reliable, affordable and available. Advanced manufacturing also plays a major role in creating solutions for a variety of problems. Hybrid cars that reduce pollution and conserve energy; implantable medical devices that improve health care; and special airtight packages to keep perishable foods fresh, are only a few examples of the challenges advanced manufacturers tackle. Source: www.careervoyages.gov

There are more than 21,000 people working in a variety of manufacturing-related jobs in South Central Minnesota. This handout displays some of their occupations, along with the median wage workers make in those jobs in this part of the state. You can find out more about jobs in the South Central region at www.iseek.org/southcentral/.

Occupations by Career Pathway	Median Hourly Wage, South Central MN	Minimum Educational Requirement
Maintenance, Installation and Repair Pathway		
Electric Motor, Power Tool, and Related Repairers	\$14.59	Post secondary vocational training
Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$18.06	Post secondary vocational training
Electricians	\$22.82	Long-term on-the-job training (> 12 months) including apprenticeship
Industrial Machinery Mechanics	\$19.82	Long-term on-the-job training (> 12 months) including apprenticeship
Maintenance Workers, Machinery	\$13.10	Long-term on-the-job training (> 12 months) including apprenticeship
Production Pathway		
Chemical Equipment Operators and Tenders	\$11.59	Associate degree or moderate-term on-the-job training (1-12 months)
Computer-Controlled Machine Tool Operators	\$15.38	Long-term on-the-job training (> 12 months) including apprenticeship
Cutting, Punching, and Press Machine Setters, Operators, and Tenders	\$13.59	Moderate-term on-the-job training (1-12 months)
Electrical and Electronic Equipment Assemblers	\$12.52	Short-term on-the-job training
Machinists	\$17.55	Associate degree or long-term on-the-job training (> 12 months) including apprenticeship
Millwrights	\$18.58	Long-term on-the-job training (> 12 months) including apprenticeship
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders	\$11.59	Moderate-term on-the-job training (1-12 months)
Multiple Machine Tool Setters, Operators, and Tenders	\$12.99	Moderate-term on-the-job training (1-12 months) or post secondary vocational training
Printing Machine Operators	\$12.51	Associate degree or moderate-term on-the-job training (1-12 months)
Purchasing Agents	\$22.88	Bachelor's degree

Occupations by Career Pathway	Median Hourly Wage, South Central MN	Minimum Educational Requirement
Production Pathway (continued)		
Stationary Engineers and Boiler Operators	\$21.89	Long-term on-the-job training (> 12 months) including apprenticeship
Team Assemblers	\$12.06	Moderate-term on-the-job training (1-12 months)
Welders, Cutters, Solderers, and Brazers	\$14.38	Post secondary vocational training
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$16.01	Post secondary vocational training or moderate-term on-the-job training (1-12 months)
Food Products and Processing Systems Pathway		
Agricultural and Food Science Technicians	\$16.03	Associate degree
Food Batchmakers	\$15.03	Short-term on-the-job training
Food Scientists and Technologists	\$32.22	Bachelor's degree or higher
Slaughterers and Meat Packers	\$11.88	Post secondary vocational training or moderate-term on-the-job training (1-12 months)
Management, Business, and Distribution Pathways		
Accountants and Auditors	\$26.10	Bachelor's degree
Compensation and Benefits Managers	\$37.10	Bachelor's degree or work experience (in related occupation)
Cost Estimators	\$23.29	Bachelor's degree
Financial Managers	\$47.71	Bachelor's degree or higher
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$23.88	Work experience (in related occupation)
First-Line Supervisors/Managers of Production and Operating Workers	\$22.62	Work experience (in related occupation)
Industrial Production Managers	\$32.91	Bachelor's degree or higher, plus related work experience
Purchasing Managers	\$35.97	Bachelor's degree or higher, plus related work experience
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$21.96	Moderate-term on-the-job training (1-12 months)
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$25.05	Bachelor's degree or work experience (in related occupation)
Transportation, Storage, and Distribution Managers	\$28.01	Bachelor's degree or work experience (in related occupation)
Administrative and Information Support Pathway		
Customer Service Representatives	\$13.83	Moderate-term on-the-job training (1-12 months)
Office Clerks, General	\$12.23	Short-term on-the-job training or post secondary vocational training
Shipping, Receiving, and Traffic Clerks	\$13.04	Short-term on-the-job training
Engineering, Technology, and Quality Assurance Pathways		
Electrical and Electronic Engineering Technicians	\$20.77	Associate degree or higher
Electrical and Electronics Drafters	\$24.56	Post secondary vocational training
Electrical Engineers	\$30.44	Bachelor's degree or higher
Engineering Managers	\$43.86	Work experience, plus bachelor's or higher degree
Industrial Engineering Technicians	\$22.47	Associate degree or higher
Industrial Engineers	\$31.00	Bachelor's degree or higher
Inspectors, Testers, Sorters, Samplers, and Weighers	\$14.24	Moderate-term on-the-job training (1-12 months) or post secondary vocational training
Mechanical Engineers	\$30.11	Bachelor's degree or higher
Science and Mathematics Pathway		
Chemists	\$30.57	Bachelor's degree or higher
Computer Software Engineers, Applications	\$31.14	Bachelor's degree or higher
Computer Support Specialists	\$19.05	Associate degree
Materials Engineers	\$30.14	Bachelor's degree or higher
Network and Computer Systems Administrators	\$27.03	Bachelor's degree

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