

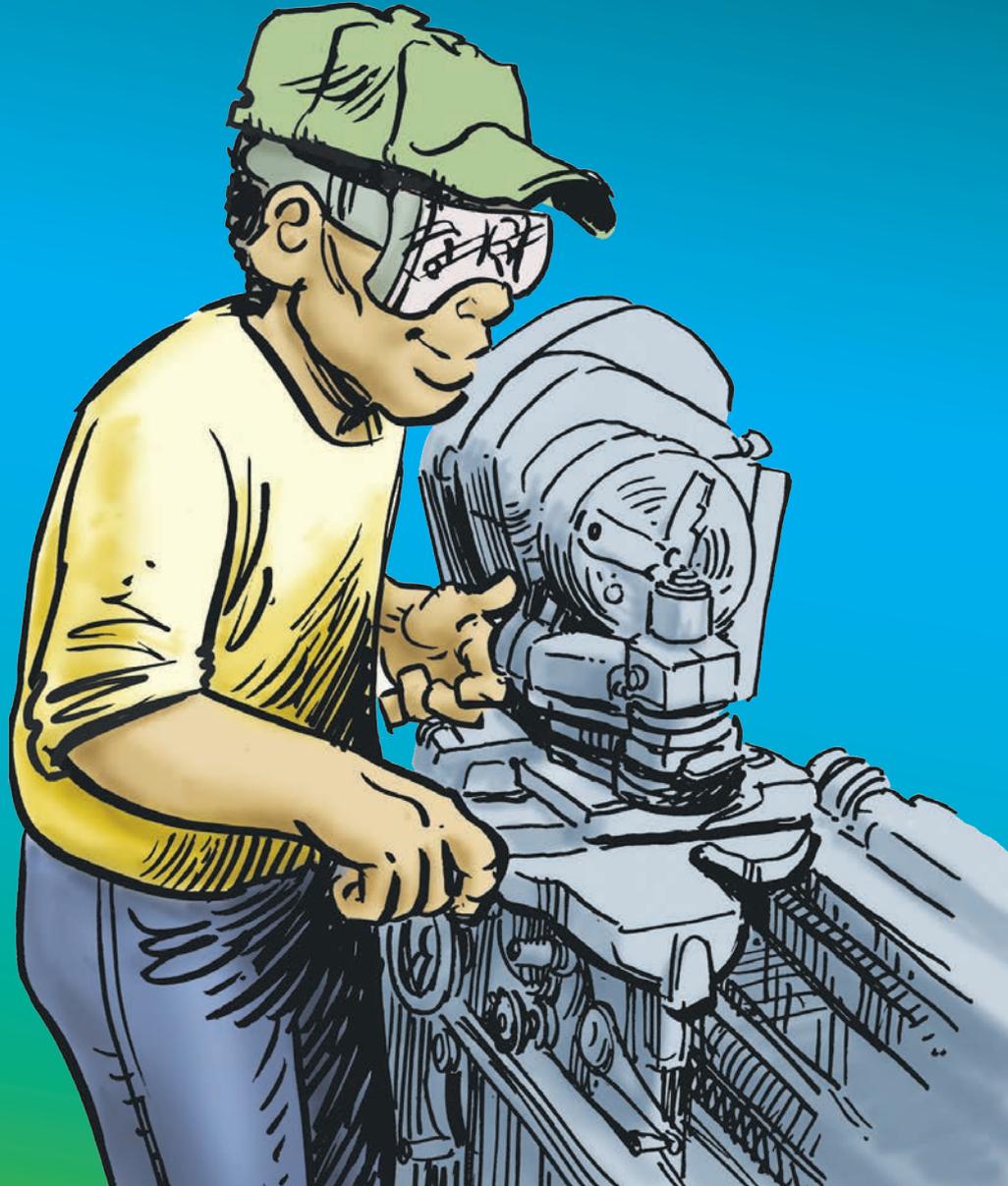
# MANUFACTURING

careers offer the chance to...

Assemble & install parts of airplanes, space vehicles, or missiles.

Weld metal products.

Design and build machines.



# MANUFACTURING

Average Hourly Wage,  
Minimum Education and Training Needed

Occupation	Average Hourly Wage*	Minimum Education
Welders, Cutters, Solderers, and Brazers	\$18.05	Postsecondary Vocational Certificate
Electrical Engineers	\$43.48	Bachelor's Degree
Team Assemblers	\$19.57	High School Diploma or GED
Helpers, Production Workers	\$12.37	Less than a High School Diploma
Cabinetmakers & Bench Carpenters	\$17.48	Postsecondary Vocational Certificate
Machinists	\$19.41	Postsecondary Vocational Certificate
Computer-Controlled Machine Tool Operators	\$18.10	Postsecondary Vocational Certificate
Industrial Engineers	\$35.70	Bachelor's Degree
Industrial Production Managers	\$52.86	Associate's Degree

\* All wages based on 2017 estimates prepared by Florida Department of Economic Opportunity, Bureau of Labor Market Statistics, Occupational Employment Statistics Program.

Florida Department of Economic Opportunity  
Bureau Labor Market Statistics  
107 E. Madison Street, MSC G-020  
Tallahassee, FL 32399-4111  
850.245.7205  
Toll-free 866.537.3615  
floridajobs.org/labor-market-information  
floridajobs.org  
TTY is available via the Florida Relay Service at 711.



# MANUFACTURING

If you enjoy working with high-tech tools, operating machinery, or building things, then a career in manufacturing may be for you.



### **Welder, Cutter, Solderer, & Brazier**

Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.



### **Electrical Engineer**

Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.



### **Team Assembler**

Work as part of a team having responsibility for assembling an entire product or component of a product. Team assemblers can perform all tasks conducted by the team in the assembly process and rotate through all or most of them rather than being assigned to a specific task on a permanent basis.



### **Production Helper**

Help production workers by performing duties, such as supplying or holding materials or tools, and cleaning work area and equipment.



### **Cabinetmaker & Bench Carpenter**

Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products.



### **Machinist**

Use machine tools, such as lathes, milling machines, and grinders, to produce precision metal parts.

### **Computer-controlled machine tool operator**

Use computer numerically controlled (CNC) machines to produce a wide variety of products, from automobile engines to computer keyboards. CNC machines operate by reading the code included in a computer-controlled module, which drives the machine tool and performs the functions of forming and shaping a part formerly done by machine operators.



### **Industrial Engineer**

Design, develop, test and evaluate integrated systems for managing industrial production processes.



### **Industrial Production Manager**

Plan, direct, and coordinate all the people and equipment involved in the manufacturing process.

