

# Advanced Manufacturing



## CAREER PATHWAYS

Build your career in the growing advanced manufacturing industry! As the result of new technology, careers in manufacturing are engaging, technical and fast-paced. Some of the technologies used include computer technologies, sustainable technologies, advanced robotics, and process technologies. A career in manufacturing will allow you to take part in the process of creating a meaningful product!



Source: Department of Economic Opportunity, Labor Market Statistics Center, Florida's Great Northwest, FLDOE, and CareerSource. Average Hourly Wage Rate and Education requirements are compiled from local employer surveys, the final education requirement and wage rate is the decision of the hiring employer

## FIRST

Requires on-the-job training, work experience, and/or a high school diploma.

JOB	AVG HOURLY RATE
Cutting, Punching, and Press Machine Setter, Operator, and Tender	\$19.20
Assembler and Fabricator	\$16.01
Inspector, Tester, Sorter, Sampler and Weigher	\$20.75

## NEXT

Requires two years of education beyond high school or on-the-job experience.

JOB	AVG HOURLY RATE
Heating, Air Conditioning and Refrigeration Mechanics and Installer	\$21.85
Welder, Cutter, Solderer and Brazier	\$21.55
Industrial Machinery Mechanic	\$25.68
First Line Supervisor of Production and Operating Workers	\$29.17

## LATER

Requires four or more years of education beyond high school plus work experience.

JOB	AVG HOURLY RATE
Cost Estimator	\$29.94
Civil Engineer	\$39.36
Industrial Production Manager	\$58.79

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## TRAINING PATHWAYS

### FIRST

Middle and high school career exploration or career academy programs

#### TRAINING PROGRAMS

Advanced Manufacturing  
Advanced Manufacturing Technology

#### INSTITUTION/SCHOOL

Rutherford School

### NEXT

Certifications, technical programs or two-year degree programs

#### TRAINING PROGRAMS

Advanced Welding Technology  
Drafting  
Electrical and Instrumentation Technology  
Welding Technology  
Construction Vehicle Technician

#### INSTITUTION/SCHOOL

Florida Panhandle  
Technical College

Electrician  
HVAC  
Marine Science Technology  
Welding Technology Advanced  
Welding Technology

Tom P. Haney Technical College

Engineering/Manufacturing

Gulf Coast State College

Advanced manufacturing and Production Technology  
Industrial Management Technology  
Pneumatics, Hydraulics and Motors for Manufacturing  
Welding Technology

Chipola College

### LATER

Bachelor's, master's or doctoral programs

#### TRAINING PROGRAMS

Electrical Engineering

#### INSTITUTION/SCHOOL

University of West Florida

Manufacturing

Gulf Coast State College

Engineering

FAMU-FSU

Civil Engineer

FAMU-FSU  
Embry Riddle Aeronautical  
University  
Florida State University (Bay County)

**Important Note: Ongoing guidance from academic career advisors and supervisors throughout your education and training pathway is recommended.**

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For more information, please visit  
[BayCareerPathways.com](http://BayCareerPathways.com)

