

Bay County Career Pathways in the Advanced Manufacturing Industry

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!

Below is a pathway of career examples and educational programs in your area for you to enter into the manufacturing industry sector through structured and connected education programs that will enable you to advance to your desired level of careers and higher levels of education and training, even while working. Each step on the career pathway is designed to prepare you for the next level of employment and/or education.

Entry Level Careers*

JOB

Inspectors, Testers, Sorters, Samplers, and Weighers
Maintenance Workers, Machinery

2015 Avg Hr Rate

\$23.82
\$17.05



Mid Level Careers

JOB

General and Operations Managers
Industrial Production Managers

2015 Avg Hr Rate

\$51.49
\$45.95



Professional Level Careers

Chemists
Architectural and Engineering Managers
Software Developers, Systems Software
Management Analysts

\$36.31
\$57.67
\$47.42
\$33.07

* Many entry level positions can be acquired with certifications obtained in the various programs in your high school at no cost!



Training Pathways in the Advanced Manufacturing Industry

For those of you thinking about a career in manufacturing at any level, the following represents programs in your vicinity as they relate to the various levels of employment.

For any questions, please contact any of the below educational institutions.

Entry Level Careers*

Pre-Manufacturing and Robotics
Advanced Automation and Robotics Technology

Everitt Middle School
Rutherford High School

Mid Level Careers

Programs are certifications, technical programs or 2-yr degrees

Drafting and Design Technology-Associate Degree
Auto CAD Foundations-CCC
Drafting Design- CCC
Engineering Technology- Associate Degree
CNC Machinist/Fabricator- CCC
Computer-Aided Design and Drafting- CCC
Digital Manufacturing Specialist- CCC
Engineering Technology Support Specialist- CCC
Rapid Prototyping- CCC
Welding Technology-Post Secondary

Gulf Coast State College
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CCC = College Credit Certification

Professional Level Careers

Programs are bachelor's, master's or doctoral degrees

- B.S. Mechanical Engineering
- B.S. Electrical Engineering
- B.S. Computer Science

University of West Florida

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