

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, or email Cindy@NWFMNC.org to get you in touch with the specific educators.

Entry Level Careers*

iDesign	Shoal River, Davidson, Pryor Middle Schools & Okaloosa Technical College
Automation Production	CHOICE High School
Production Technology	CHOICE High School
Manufacturing (directed study)	CHOICE High School

Mid Level Careers

Programs are certifications, technical programs or 2-yr degrees

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

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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