

Manufacturing Apprenticeship Program



What is an Apprenticeship?

“You get a combination of classroom and on the job training and you’re getting paid.”

- Apprenticeships actually pay you to learn. Unlike traditional degree programs apprenticeships pay you as you learn a skill or trade.
- You have a job from day 1, so an apprenticeship gives you real on the job training in the profession you work in.
- Your classroom instruction relates to your occupation.



What is the Industrial Manufacturing Technician Apprenticeship Program?

18-Month/3,000 hours Apprenticeship training program that trains you to:

- Set up, operate, monitor, and control production equipment
- Help improve manufacturing processes and schedules to meet customer requirements
- Understand manufacturing as a business system that integrates multiple disciplines
- Efficiently and safely manage raw materials/ consumables



What are the components Manufacturing Apprenticeship Program?

On-The-Job Learning

- Supervised manufacturing processes-specific to employment

Related Instruction

- Manufacturing processes specific classroom instruction



On-The-Job Learning

- 2736 hours, approximately 18 months, of continuous on the job employment
- Paid on-the-job learning (under direct supervision of a journeyworker(mentor)

Suggested Apprentice Wage Schedule

Period of Training	Apprentice's Hourly Rate
1-6 Months (0-999 Hr.)	\$11.00
6-12 Months (1000-1999 Hr.)	\$13.00
12-15 Months (2000-2499 Hr.)	\$15.00
15-18 Months (2500-2740 Hr.)	\$17.00

Suggested hourly wage is \$18.00 per hour at completion of program



Nationally Recognized Certification

Manufacturing Skills Standards Council's-

Certified Production Technician (CPT)

264 Hours of Classroom Related Instruction

- OSHA Training & Certification
- MSSC Safety
- First Aid/CPR
- Math for Manufacturing
- MSSC Quality Practices & Measurement
- Six Sigma White Belt
- MSSC Manufacturing Processes and Production
- MSSC Maintenance Awareness
- Employability Soft Skills
- Train The Trainer



Nationally Recognized Certification

Industrial Manufacturing Technician (IMT)

- Protect self and other workers from accidents and injuries
- Operation of Production Equipment
- Production Quality Standards
- Interpretation of Technical Information
- Measurement and inspection of work using mechanical tools and testing equipment
- Demonstrate knowledge of routine equipment maintenance
- Demonstrate knowledge inventory, and material processes
- Demonstrate knowledge of trends and the current state of the business
- Demonstrate continuous improvement
- Set-up production equipment



Wages by Industry

Florida, 2016

Industry	Average Annual Wages
Total, All Industries	\$47,055
Information	\$77,258
Financial Activities	\$69,690
Manufacturing*	\$57,884
Professional and Business Services	\$56,935
Government	\$51,973
Education and Health Services	\$48,614
Construction	\$47,344
Trade, Transportation, and Utilities	\$41,927
Other Services	\$33,990
Natural Resources and Mining	\$31,482
Leisure and Hospitality	\$24,398

* Higher wages were found in occupations with greater training requirements. Eight of the fifteen largest manufacturing occupations require additional certification beyond a high school diploma.

Source: Florida Department of Economic Opportunity, Bureau of Labor Market Statistics, Quarterly Census of Employment and Wages Program.

Florida Manufacturing

- Higher wages were found in occupations with greater training.
- In March 2018, manufacturing had 373,000 jobs in Florida, an increase of 10,000 jobs over the year.
- Manufacturing has gained jobs over the year for 87 consecutive months, after losing jobs over the year for more than four years.
- The Port St. Lucie MSA had the fastest annual job growth rate compared to all the metro areas in the state in manufacturing (+12.3 percent) in November 2017
- The manufacturing industry sector in the Port St. Lucie MSA, grew faster than the statewide over the year...that is a 13.8% growth in 2017.

Note: The unemployment rate is for the experienced civilian labor force only. This excludes persons with no previous work experience.

Sources: 1 Florida Department of Economic Opportunity, Bureau of Labor Market Statistics, Quarterly Census of Employment and Wages Program. The most recent data available are for 2017 Q3.
2 U.S. Department of Labor, Bureau of Labor Statistics, Current Population Survey (CPS). The most recent data available are for 2015.

Questions

