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

3 Paths

Aircraft Manufacturing  Marine Manufacturing  General Production
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

<table>
<thead>
<tr>
<th>Period of Training</th>
<th>Apprentice’s Hourly Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-6 Months (0-999 Hr.)</td>
<td>$11.00</td>
</tr>
<tr>
<td>6-12 Months (1000-1999 Hr.)</td>
<td>$13.00</td>
</tr>
<tr>
<td>12-15 Months (2000-2499 Hr.)</td>
<td>$15.00</td>
</tr>
<tr>
<td>15-18 Months (2500-2740 Hr.)</td>
<td>$17.00</td>
</tr>
</tbody>
</table>

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

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

* 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.