



# Assembly and Packaging

Youth Apprenticeship

## ASSEMBLY AND PACKAGING

Assembly and Packaging youth apprentices follow processes to prepare goods and materials for shipping, including set up of assembly and packaging equipment and machinery. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One year

## OCCUPATIONAL COMPETENCIES

Assembly and Packaging youth apprentices must complete **a total of 19** competencies per year. All **7** Manufacturing Fundamentals Competencies must be complete. No substitutions to this list. **Eleven** of the 12 Assembly and Packaging competencies must be from the list below. If necessary, employers can substitute up to **1** competency with another occupationally appropriate skill. That skill must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

\*\*\*Students who completed a previous Manufacturing YA program do *not* need to repeat the Manufacturing Fundamentals Competencies

Manufacturing Fundamentals Competencies	Assembly and Packaging Competencies
<ol style="list-style-type: none"> <li>1. Focus on customer needs</li> <li>2. Use various instruments</li> <li>3. Operate tools and equipment safely</li> <li>4. Practice quality assurance principles</li> <li>5. Follow personal safety requirements</li> <li>6. Maintain a safe work environment</li> <li>7. Demonstrate professional role to be used in an emergency</li> </ol>	<ol style="list-style-type: none"> <li>1. Read technical drawings and work orders</li> <li>2. Interpret assembly and packaging symbols and procedures</li> <li>3. Identify set up for assembly</li> <li>4. Select tools and materials</li> <li>5. Perform safety checks</li> <li>6. Perform assembly set up</li> <li>7. Verify assembly set up</li> <li>8. Perform assembly</li> <li>9. Perform quality checks</li> <li>10. Build packaging</li> <li>11. Package product</li> <li>12. Process packaging documents</li> </ol>

## **APPRENTICESHIP BRIDGING OPPORTUNITIES**

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The following Registered Apprenticeship is available in this area:

- Machinist
- Maintenance Technician
- Tool and Die Maker

## **POST-SECONDARY PATHWAY OPPORTUNITIES**

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There are several post-secondary pathway opportunities in this area. The following is a partial list.

- Automated Packaging Systems Technician Technical Diploma
- Automation Systems Technology