

Youth Apprenticeship Program

Manufacturing

There are three Manufacturing YA pathways to choose. All three pathways require taking the Core Skills, Safety, and Manufacturing Fundamentals Units concurrently with the chosen technical skills units. The Manufacturing Processes Unit, Machining Unit, and Welding Unit may be repeated two times for a Level Two (two year) YA program provided different processes/equipment are trained and mastered.

Manufacturing YA Program Timeframe

- One Year Manufacturing YA Program = Required Skills + One Additional Unit MINIMUM
- Two Year Manufacturing YA Program = Required Skills + Two Additional Units MINIMUM
- Switching between pathways is allowable if permitted by local consortium policy

[Manufacturing Program Guide and Appendices](#)

[Manufacturing Skill Standards Checklist](#)

[Manufacturing YA Program Brochure](#)

Manufacturing Required Skills

These units provide the employability, safety, and manufacturing basics skills foundation for working in the manufacturing industry.

[Core Skills, Safety, and Manufacturing Fundamentals Units](#)

Production Pathway

These program units provide the learner with skills necessary to work in any number of manufacturing facilities processing a variety of manufacturing materials provided that the competencies related to that sub-industry, material, and equipment used are allowable by [Department of Workforce Development Child Labor Laws](#)

- [Assembly and Packaging Unit](#)
- [Manufacturing Processes Unit](#)
- [Machining Unit](#)
- [Welding Unit](#)

Production Operations Management Pathway

This unit provides the learner with skills necessary to manage and maintain quality manufacturing operations.

- [Production Operations Management Unit](#)

Maintenance, Installation and Repair Pathway

This program unit provides the learner with skills necessary to work in heavy industrial equipment maintenance, repair and equipment installation and qualification operations.

- [Maintenance, Installation and Repair Unit](#)