



# Manufacturing Occupational Pathways

Youth Apprenticeship

## ASSEMBLY AND PACKAGING

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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

**Bridges to Machinist Registered Apprenticeship**

**Bridges to Maintenance Technician Registered Apprenticeship**

**Bridges to Tool and Die Maker Registered Apprenticeship**

## ELECTROMECHANICAL/MECHATRONICS

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Electromechanical/Mechatronics youth apprentices gain skills related to operating, testing, maintaining, or adjusting unmanned, automated, servomechanical, or electromechanical equipment. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One year

**Bridges to Mechatronics Registered Apprenticeship**

## INDUSTRIAL EQUIPMENT

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Industrial Equipment youth apprentices set up, operate, monitor and control production equipment. Requirements. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One or two years

**Bridges to Industrial Electrician Registered Apprenticeship**

**Bridges to Industrial Manufacturing Technician Registered Apprenticeship**

## MACHINING

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Machining youth apprentices assist with basic machine operations, processes and tools. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One year or two years

**Bridges to Machine Repair Registered Apprenticeship**

## MANUFACTURING PROCESSES

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Manufacturing Process youth apprentices work with tools, equipment and processes in various manufacturing industries. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One or two years

**Bridges to Machine Repair Registered Apprenticeship**

## PRODUCTION OPERATION

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Production Operation youth apprentices gain skills related to the procedures and tools associated with manufacturing operations. Foundation tools, data analysis and troubleshooting are integrated. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One year

**Bridges to Industrial Manufacturing Technician Registered Apprenticeship**

## WELDING

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Welding youth apprentices practice welding fabrication processes in various industry environments. Apprentices must adhere to industry safety and security standards.

**Length of Apprenticeship:** One or two years

**Bridges to Welding Fabricator Registered Apprenticeship**

**Bridges to Industrial Manufacturing Technician Registered Apprenticeship**

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