

Focusing Education on the Future!



CAREER PATHWAY PRODUCTION

Dual or Tech/Career Seal

People with careers in Production work on the shop floor making parts or assembling them in various industrial settings. They work with machines, making or assembling electronic parts, constructing or assembling modular housing, performing welding jobs, or printing various materials.

Major Courses

Students must take **THREE** pathway concentration courses and **ONE** additional pathway elective course.

Pathway Concentration Courses (3):

- Arc Welding I
- Electrical Systems I*
- Introduction to Manufacturing/Engineering Sciences
- Introduction to Precision Machining
- Mechanical/Electrical Systems I

Pathway Elective Courses (1):

- Apprenticeship/Internship
- Electrical I*
- Foundations of Engineering and Technology (formerly Introduction to Technology)
- Introduction to Construction* (formerly Introduction to Building)
- Occupational Safety & Fundamentals (formerly Fundamentals of Construction)
- Other Pathway Concentration Course

Other Recommended Courses

- Algebra I
- Informal Geometry
- Modern Language
- Physical Science
- Pre-Algebra

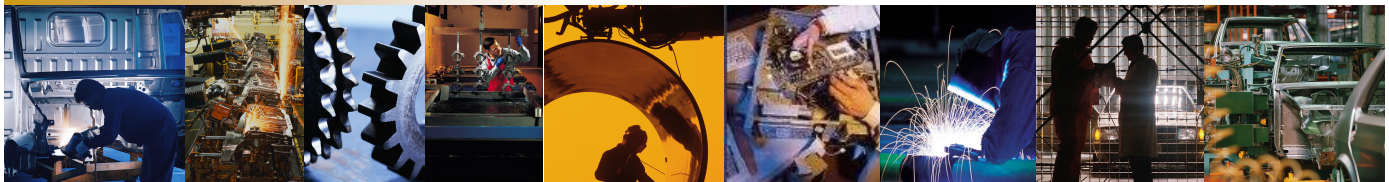
Post-Secondary Degrees, Diplomas & Certificates

Technical Colleges

- Electrical Control Systems
- Industrial Mechanical Technology
- Industrial Motor Control
- Machine Tool Technology
- Welding & Joining Technology

Colleges/Universities

- Applied Science in Technology
- Design Engineering
- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering



Assembler
Instrument Maker
Managers, Supervisor
Production Associate
Sheet Metal Worker
Electrical Installer
Machinist

Bookbinder
Machine Operator
Millwright
Painter
Welder
Repairer
CNC Technician

Calibration Technician
Hand Packer and Packager
Medical Appliance Maker
Pattern & Model Maker
Solderer and Brazier
Equipment Assembler
CNC Programmer

Electrical Installer and Repairer
Hoist and Winch Operator
Precision Optical Goods Worker
Precision Layout Worker
Tool and Die Maker
Automated Manufacturing Tech
CNC Operator

C
A
R
E
E
R
S

EMPLOYMENT OUTLOOK

Individuals with a broad range of skills or a specific skill that cannot be automated will experience job growth and find their services in demand. Welders, tool and die makers, and multiple machine operators are examples of these growth occupations.