

**Mechatronics**

**Apprenticeable Occupations:**

* Mechatronics Engineers
* Electrical and Electronics Repairers
* Commercial and Industrial Equipment Repairers
* Industrial Machinery Mechanics
* Maintenance Worker, Machinery
* Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
* Engine and Other Machine Assemblers
* Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products



**Oil & Gas Production Technology**

**Process Technology**

**Apprenticeable Occupations:**

* Wellhead Pumpers
* Industrial Instrument Mechanics
* Pump Operators
* Rig Technicians
* Geological Sample Test Technicians
* Gas Compressor and Gas Pumping Station Operators
* Roustabouts
* Methane/Landfill Gas Generation System Technicians
* Oil Field Equip Mechanic
* Metal-Refining Furnace Operators
* Petroleum Pump System Operators
* Refinery Operators, and Gaugers
* Boilermaker Fitter
* Derrick Operators
* Petroleum Engineers (BS required)
* Rotary Drill Operators
* Gas Plant Operators
* Service Unit Operators, Oil, Gas, and Mining



**Construction Management**

**Apprenticeable Occupations:**

* Construction Manager
* Cost Estimators
* Project Superintendent
* Wind Energy Project Manager
* Construction Foreman
* Field Supervisor
* Foreman
* Job Superintendent
* Site Superintendent
* General Operations Manager
* Construction and Building Inspectors



**Electronics**

**Apprenticeable Occupations:**

* Electronics Engineering Technologist
* Electronics Engineering Technician
* Robotics Technician
* Electronic Drafter
* Electro-Mechanical Technician
* Telecommunications Equipment Installer and Repairer
* Broadcast Technicians
* Electronic Equipment Installer and Repairer
* Semiconductor Processor



**Automation and Controls**

**Apprenticeable Occupations:**

* Industrial Repairman
* Industrial Maintenance Mechanic
* Maintenance Supervisor
* Maintenance Technician
* Industrial Engineering Technician
* Heavy Equipment Mechanic
* Millwrights
* Maintenance Workers, Machinery
* Robotics Technician
* Computer-Controlled Machine Tool Operator
* Industrial Instrument Mechanic
* Manufacturing Production Technician
* Computer Numerically Controlled Machine Tool Programmer



**Engineering Graphics**

**Apprenticeable Occupations:**

* Electronic Drafter
* Mechanical Drafter
* Drafter
* Commercial and Industrial Designer
* CAD Drafter
* Drafter/Design Technician
* Mechanical Design Drafter
* 3D Drafter
* Product Design Engineer
* SolidWork Technician
* Design Draftsman
* CAD Operator



**Advanced Welding**

**Apprenticeable Occupations:**

* Welding, Soldering, and Brazing Machine Setter, Operator and Tender
* Non-Destructive Testing Specialist
* Pipefitter and Steamfitter
* Structural Metal Fabricator and Fitter
* Structural Iron and Steel Workers
* First-Line Supervisor of Mechanics, Installers and Repairers
* Industrial Machinery Mechanics
* Vocational Education Teachers, Postsecondary
* Solderer and Brazer
* Assembler, Metal Building
* Boilermaker



**Cyber Technology**

**Apprenticeable Occupations:**

* Information Security Analysts
* Network and Computer Systems Administrator
* Help Desk Technician
* Computer Programmer
* Computer Operator
* Computer Network Architect
* Web Developer
* Computer User Support Specialist
* Computer Network Support Specialist
* Computer Systems Analyst
* Computer, Automated Teller and Office Machine Repairer
* Web Administrator