

Apprentice Coursework

Mechanical Courses

- Applied Mathematics & Mensuration
- Hydraulic Fluid Power Transmission
- Industrial Safety
- Pumps & Pump Hydraulics
- Mechanical O&M Fundamentals
- Compressors & Pneumatics
- Hand & Power Tools
- Piping, Valves & Pipefitting
- Drawings & Schematics
- Welding & Fabrication
- Rigging & Hoisting Principles/Practices
- Water Treatment Operations
- Machine Tools & Operations
- Water Distribution Operations
- Mechanical Power Transmission
- Maintenance Management

Electrical Program Courses

- Applied Mathematics & Mensuration
- Industrial Safety
- Electrical O&M Fundamentals
- Hand & Power Tools
- Drawings & Schematics
- Meters & Test Equipment
- Motor Theory & Maintenance
- Lighting Systems
- Advanced Electricity & Electrical Systems
- Electrical Systems Troubleshooting
- Electronics for Electricians
- Process Control Systems & PLC's
- Signal/Instrumentation Systems
- Electrical Systems Installation
- High Voltage Systems & Equipment
- Water Treatment Operations
- Water Distribution Operations
- Maintenance Management