

Professional Technical Studies
PATHWAY: Facility & Mobile Equipment Maintenance
CLUSTER: Transportation, Distribution & Logistics

Problem Solving & Critical Thinking

- Develops and presents comprehensive troubleshooting diagrams
- Identifies and evaluates alternative solutions
- Tests, monitors, and evaluates solutions
- Identifies the best solution based on risks, costs, and benefits
- Develops plans to fully implement solutions to address performance problems

Maintaining Facilities, Equipment & Supplies

- Develops and manages repair plans
- Identifies and describes automotive equipment reliability and performance problems
- Determines causes of performance problems related to electronics, fluid power and mechanical systems
- Determines repair procedures
- Identifies equipment, materials, parts, supplies, and labor requirements necessary to accomplish repairs
- Presents and explains findings to customers

Facility & Mobile Equipment Maintenance

- Develops and manages preventative maintenance plans that meet business and equipment manufacturer requirements
- Monitors and evaluates the performance of maintenance plans and systems
- Develops plans for improving facilities, equipment, and system performance