Mobile Equipment Technology Degree: Program Outcomes

Upon successful completion of this program, graduates will be prepared to:

1. Demonstrate knowledge of safe working practices in the workplace.
2. Demonstrate proficiency of written and oral communications skills.
3. Demonstrate workplace skills associated with customer relations and employee-employer relations.
4. Demonstrate proficiency in the use of hydraulic and electric schematics.
5. Demonstrate skill in the diagnosis and repair of diesel engine, fuel, and emission systems.
6. Demonstrate skill in the diagnostics and repair of electrical and electronic systems associated with heavy equipment.
7. Demonstrate proficiency in the testing and repair of heavy equipment hydraulic systems.
8. Demonstrate skills in the diagnosis and repair of powertrain components to include standard and powershift transmissions, hydrostatic transmissions, torque converters, clutches and axles.
9. Demonstrate a practical knowledge of failure analysis practices and procedures.
10. Demonstrate proficiency in the diagnostics and repair of suspension, steering, undercarriage, and brake systems.
11. Demonstrate proficiency in the diagnosis and repair of heating and air conditioning systems associated with heavy equipment.