Iowa CTE

Diesel Engine Technology

Students analyze diesel engine operations to diagnose and repair malfunctions. DSL1

1. **Analyze the fundamentals of a diesel engine.** DSL1.1
2. **Identify tools and equipment used in engine service.** DSL1.2
3. **Utilize scan tools for engine service.** DSL1.3
4. **Identify new emission controls and serviceability.** DSL1.4
5. **Perform injection system repair procedures.** DSL1.5
6. **Diagnose drivability concerns.** DSL1.6
7. **Demonstrate proper shop safety practices while servicing engines.** DSL1.7