
SECTION HEADING

DSL 1105: Diesel Engine Lab

Description

Diesel Engine Lab provides the student hands-on shop experiences. The student will disassemble, inspect, evaluate, repair and adjust, and reassemble valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components to make engine operational.

Credits

4

Topics to be Covered

1. Valve trains
2. Cylinder blocks
3. Crank shafts
4. Bearings
5. Sleeves
6. Pistons
7. Rings

Learning Outcomes

1. Disassemble valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components.
2. Inspect valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components.
3. Evaluate valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components.
4. Repair valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components.
5. Adjust valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components.
6. Reassemble valve, valve train components, cylinder blocks, crank shafts, bearings, sleeves, pistons, rings, and other components.
7. Test engine to ensure operability.

Credit Details

Lecture: 0

Lab: 4

OJT: 0