

# DEM 234: Diesel Electronic Systems (Cab/Chassis)

This course introduces the student to diesel electronic system concepts. It provides the principles of CAN systems, vehicle cab controls and repair using Ohm's Law concepts. Emphasis is placed on cab circuits, which include series, parallel, and series-parallel circuits. Troubleshooting and repair of wiring harnesses, lights, cab circuits and CAN electronic circuits on vehicle cab and chassis. Upon completion, students should be able to identify components, test systems, and repair electrical issues on heavy truck, light truck and heavy equipment cab chassis systems.

**Credits:** 3

**Lab Hours:** 4

**Lecture Hours:** 1

**Prerequisites:**

As required by program

**Program:** Diesel Technology

**Semester Offered:**

Fall

Spring

Summer