

DEM 224: Heavy Utility Vehicles Body Electrical Systems I

This course introduces the student to basic Electrical/Electronic concepts and fundamentals. It provides the principles of electricity, magnetism, and Ohm's Law. Emphasis is placed on lighting circuits, which include series, parallel and series-parallel circuits, as well as troubleshooting and the repair of wiring harnesses, lights and electronic circuits on trailers. Upon completion, students should be able to identify components, test systems, and repair electrical issues on heavy utility body systems.

Credits: 3

Transfer Code: Code C

Lab Hours: 4

Lecture Hours: 1

Program: Diesel Technology

Semester Offered:

Fall

Spring

Summer