

# DEM 136 : Trailer Electrical Systems

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. Troubleshooting and 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 trailers.

**Program**

Diesel Technology

**Hours** 3

**Lab Hours** 4

**Theory Hours** 1