

# MAR127L : Marine Electrical Systems

This course focuses on theory, principles and measurements of AC and DC electricity and electronics are covered. Setup, Maintenance, and diagnostic procedures for common inboard, stern drive, outboard starting and charging systems. Schematic and conventional wiring diagram interpretation allows the student to become familiar with common 12-volt marine electrical systems, such as helm harnesses, gauge packages and accessory lighting circuits.

**Credits** 5

**Lab Hours** 6

**Class Hours** 3