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# SECTION HEADING

## ELEC 1225: Electric Motors

### Description

Electric Motors describes the difference in alternating current (AC) and direct current (DC) motors, generators, and alternators. Compute motor calculations. Determine the load characteristics and connections of AC and DC motors, generators, and alternators.

### Credits

3

### Prerequisite

ELCO 1100 or ELCO 1110

### Topics to be Covered

1. AC Motors
2. DC Motors
3. Motor Circuits

### Learning Outcomes

1. Describe DC motors
2. Describe AC motors
3. Identify parts of a motor
4. Read nameplates on a motor
5. Perform tests on motor circuits
6. Hookup motors

### Credit Details

Lecture: 1

Lab: 2

OJT: 0