

# ETEC130L : Rotating Machinery

This course covers the concepts of rotating electrical machinery beginning with magnetism and induction, conductor thrust and torque, and then progresses to motor basics such as nameplates, mechanical design, troubleshooting and protection. Each major classification of electric motor design and operation is studied in detail in the classroom and proven in the laboratory environment.

**Credits** 4

**Lab Hours** 6

**Class Hours** 2

**Prerequisite Courses**

ETEC124L: AC/DC Theory