



UNIVERSITY of HAWAII®  
**KAUA'I**  
COMMUNITY COLLEGE

## **EIMT 153: AC/DC Systems and Equipment**

**Credits:** 6

**Class Hours:** 12 lecture/lab

**Prereq:** "C" or higher in EIMT 123 and "C" or higher or concurrently enrolled in EIMT 121.

**Recommended:** "C" or higher or concurrently enrolled in EIMT 151.

**Semester Offered:** Fall, Spring (once every 3 semesters)

**Description:** This course is designed to advance the student into electrical principles of direct current and alternating current equipment. Emphasis is placed on the theory, operation, control, and power generation of alternative energy systems including photovoltaic, wind, and hydro systems.