

ELECTRIC ENERGY TECHNOLOGY

This certificate program introduces theories and technologies in electric energy and related applications. Topics include power electronics, power system analysis, electric drives, motor drives, electric aspects of hybrid vehicles, and practical aspects of the design of power electronics devices. (12 credit hours)

This program is available on campus only.

Requirements

Required Core Courses

Code	Title	Credit Hours
ECE 541	Sustainable Energy Systems	3

Additional Coursework

Code	Title	Credit Hours
Complete 3 courses from the following (9 credits):		
ECE/AENG 510	Vehicle Electronics I	3
ECE 517	Adv Pwr Electrncs&Motor Drvs	3
ECE 542	Intr to Pwr Mgmt & Reliability	3
ECE 5462	Elec Aspects of Hybrid Vehicle	3