## **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** Title

Code	Title	Credit Hours
Complete 3 cour	ses 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