

# EE 426 : Renewable Energy

This course covers fundamentals of renewable energy systems, Solar energy, Bio-energy, Wind energy, Hydro-power, Tidal power, Wave energy and Geothermal energy. Also integration of renewable energy systems will be covered in the course. The students will be exposed to technical aspects of mentioned topics; How to utilize renewable energy for domestic and industrial applications; requirements and obstacles of applications; how to integrate renewable energy systems.

**Credits**

3

**Lab Hours**

0

**Lecture Hours**

3

**Tutoring Hours**

0

**Prerequisite Courses**

EE 405

**Corequisites**

None