

# AET 221: Energy Design of Buildings

In this course students are introduced to energy conservation in building design. The course includes the design of alternative energy systems. Upon completion of this course, the student will be able to explain energy conservation, explain how and why buildings use energy, demonstrate passive solar heating, and be able to design a super-insulated building.

**Credits:** 3

**Transfer Code:** Code C

**Lab Hours:** 0

**Lecture Hours:** 3

**Prerequisites:**

As required by program

**Program:** [Engineering Technology](#)

**Semester Offered:**

Fall

Spring

Summer