

ARET 250C : Environmental Systems

A survey of the environmental control methods and support systems used in contemporary buildings. Emphasis is placed on the fundamentals of each system and design of simple systems, and how they relate to energy utilization and conservation in building design. Students use an energy-modeling software to study the design of a building. Economic comparisons and cost/benefit ratios are also studied. This course is not required of students in Architectural Engineering Technology: Civil Focus program.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Prerequisite Courses

PHYS 135C

Corequisites

- This course is integrated with ARET 297C; therefore, it is recommend that they are taken together.