

ME 407 : Heating, Ventilation, and Air-Conditioning

The course introduces basic concepts of heating, ventilation, and air conditioning systems (HVAC). These include: HVAC components and distribution systems, moist air properties and conditioning processes, indoor comfort conditions, heat transmission in building structures, calculation of heating loads, cooling load, duct design, fans and building air distribution, and the performance of refrigeration systems.

Credits 3

Lab Hours 0

Lecture Hours 3

Tutoring Hours 0

Prerequisite Courses

ME 206

Corequisites

none