

Environmental Control systems [3 – 0 – 3]

Course #:0908371

Prereq.:0908224

This course studies various climate elements as a fundamental influence on the design process to reach the thermal balance of buildings and human beings. It discusses how to determine the periods of shade and sun necessary for buildings, design the sun-breakers, and study the wind directions inside and outside buildings, besides studying the traditional environmental solutions in the different climatic regions.