

Illumination and Acoustics [3 – 0 – 3]

Course #:0908423

Prereq.:0908372

This course studies the physical characteristics of the light and its main principles, the light calculations, natural and artificial lighting design principles and its implementation in architecture. It provides full understanding of the physical characteristics of acoustics and its main principles. Study acoustics resources inside the buildings, measure acoustics levels, acoustics design principles in building, acoustics control and isolation. Introduce the student to measurement tools and materials that are used in the practical implementations for the illumination and acoustics fields of architecture.