

**Faculty of Engineering & Technology**  
**Environmental Control & Technical Installations**

**Information :**

**Course Code :** ARC363

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Interior Architecture Engineering

**Description :**

Defining the environment and its components, Energy and the thermal environment, Thermal comfort criteria and indices, Heat transfer and insulation, Air conditioning and ventilation, Hydraulic services, water supply, Plumbing and Sanitary fixtures and installations, Firefighting, Solid waste disposal, Natural lighting, artificial lighting and fixtures installation, Nature of acoustics, Sound analysis, room acoustics, Acoustic design and noise control.