

**Faculty of Engineering & Technology**

**Building Construction & Materials 1**

**Information :**

**Course Code :** ARC243

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Interior Architecture Engineering

**Description :**

General introduction, Drawing techniques, Abbreviation symbols, Dimensioning, Technical presentation, Understanding types of structures, Wall bearing & skeleton types. Traditional Construction Method; Load-bearing walls. Using brick to build load-bearing elements: foundation design, walls, jack arch floors, vaults, and domes. Introduction to RC skeleton system.