

**Faculty of Engineering & Technology**

**Building Construction & Materials 1**

**Information :**

**Course Code :** ARC243

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Architectural Engineering

**Instructor Information :**

<b>Title</b>	<b>Name</b>	<b>Office hours</b>
Lecturer	Hala Ali Nabil Mohamed Ali	1
Teaching Assistant	Heba Mohamed Abdullah Ahmed Ghuneim	
Teaching Assistant	Sama Ibrahim Abdelhamid Abdelhamid Nawara	

**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.