

## Faculty of Engineering & Technology

## **Building Construction & Materials 1**

Information:

Course Code: ARC 241 Level: Undergraduate Course Hours: 2.00- Hours

**Department :** Department of Architectural Engineering

| Instructor Information : |                                    |              |
|--------------------------|------------------------------------|--------------|
| Title                    | Name                               | Office hours |
| Lecturer                 | Nader Ibrahem Ismael Ibrahem       | 2            |
| Teaching Assistant       | Kamal Abdeleziz Ali Selim          | 2            |
| Teaching Assistant       | Omar Magdy Ahmed Ibrahim Elbahrawy |              |

## **Description:**

General introduction, Drawing techniques, Abbreviation symbols, Dimensioning, Technical presentation, Understanding types of structures, Wall bearing & skeleton types, Traditional construction, Masonry, Raw bricks & brick masonry, Detailing, Introduction to foundation design, Construction buildings types & techniques.