

**Faculty of Engineering & Technology**

**Reinforced Concrete 5**

**Information :**

**Course Code :** SCMx55

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Structural Engineering & Construction Management

**Instructor Information :**

Title	Name	Office hours
Professor	Khaled Mohamed Mohamed Heiza	

**Description :**

Calculating lateral loads (wind, seismic), Internal forces due to lateral loads, Lateral loads resisting structural systems, Design and detailing of shear walls, core, moment resisting frames, Introduction to pre-stressed concrete, Design and detailing of determinate structures.