

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	
Associate Professor	Dina Muhammad Fathy Ors	

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.