

Faculty of Engineering & Technology

Structural Mechanics 3

Information :

Course Code : SCM315 **Level :** Undergraduate **Course Hours :** 2.00- Hours

Department : Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Associate Professor	Dina Muhammad Fathy Ors	2
Assistant Lecturer	Ahmed Taher Abdelhamed Mohamed Yousef	

Description :

Slope deflection method, Matrix analysis of structures, definition of flexibility and stiffness method, Applications of stiffness method on plane beams, frames, trusses and space trusses. Introduction to finite element method.