

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.