

**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.