

**Faculty of Engineering & Technology****Structural Mechanics 1****Information :****Course Code :** SCM 311**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Department of Structural Engineering & Construction Management**Instructor Information :**

Title	Name	Office hours
Associate Professor	MOHAMED GALAL KHALIL IBRAHIM ELSHERBINI	3
Assistant Lecturer	Nada Mohamed Abd El Hamid Ali Mohamed	6

**Description :**

Properties of plane areas, Stresses and strains in sections due to axial forces and bending moments, Shear stresses in symmetrical solid and hollow sections, Torsional shear stresses in circular and non-circular sections, Combined stresses, Principal stresses