

Faculty of Engineering & Technology

Structural Mechanics 1

Information :

Course Code : SCM313

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Professor	Bahaa sharaf ismail tork	
Assistant Lecturer	Mohamed Ahmed Reda Abas Ahmed	
Assistant Lecturer	DINA HESHAM MOHAMED HELMY	

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.