

Faculty of Engineering & Technology

Advanced Structural Analysis

Information :

Course Code : SCM 513

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Lecturer	MOHAMED GALAL KHALIL IBRAHIM ELSHERBINI	14
Lecturer	MOHAMED GALAL KHALIL IBRAHIM ELSHERBINI	14
Lecturer	MOHAMED GALAL KHALIL IBRAHIM ELSHERBINI	14
Assistant Lecturer	MOHAMMED TAHER ABDELHAMID MOHAMMED YOUSSEF	8
Assistant Lecturer	MOHAMMED TAHER ABDELHAMID MOHAMMED YOUSSEF	8
Assistant Lecturer	Dina Hesham Mohamed Helmy	6
Assistant Lecturer	Dina Hesham Mohamed Helmy	6
Assistant Lecturer	MOHAMMED TAHER ABDELHAMID MOHAMMED YOUSSEF	8

Description :

Cases of stress and strain in plane and in space, Stress-strain relation, Energy and variational principles, Introduction to the finite element method (element stiffness matrix and force vector, general equations of equilibrium, desemesteration of stresses).