

Faculty of Engineering & Technology

Graduation Project 1

Information :

Course Code : SCM 500

Level : Undergraduate

Course Hours : 0.00- Hours

Department : Department of Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Professor	Ibrahim Mahmoud Mahdi Mostafa	4
Assistant Lecturer	Ahmed Salah Rashad Ahmed Abdelhakk	

Area Of Study :

Integrate earned knowledge from past courses to carry out graduation project. Define and solve a structural engineering and construction management problems.
Produce a final engineering product (based on project type). Use different Egyptian building codes and standards (based on project type).
Use the available related software (based on project type). Work in team and under stress

Description :

An engineering assignment requiring the student to demonstrate initiative and assume responsibility, The student will select a project at the end of the ninth semester, Students can propose their own project, A faculty member will provide supervision, A project report is required at the end of the tenth semester.

Course outcomes :

a. Knowledge and Understanding: :

1 -	Retrieve knowledge from codes and standards
2 -	Define current engineering technologies and Methodologies of solving Structural Eng. & Construction Management problems

b. Intellectual Skills: :

1 -	Solve Structural Eng. & Construction Management problems
2 -	Use different Egyptian building codes and standards
3 -	Think in a creative and innovative way in problem solving and design

c. Professional and Practical Skills: :

1 -	Use available related software
2 -	Use lab equipment professionally and safely (based on project type)
3 -	Demonstrate the final product of the project

d. General and Transferable Skills: :

1 -	Work in stressful environment and within constraints
2 -	Work in team

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction to graduation project	4	0	4
Supervision the progress of project	52	0	52
Demonstrate the status of the project	4	0	4

Teaching And Learning Methodologies :

students lecture notes

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final demonstration at the 15th week	40.00		
Periodic supervision	60.00		

Course Notes :

students lecture notes