

Faculty of Engineering & Technology

Graduation Project 2

Information :

Course Code : SCM 501 **Level :** Undergraduate **Course Hours :** 4.00- Hours

Department : Department of Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Professor	Ibrahim Abdel Rashid Nosier Tony	
Associate Professor	Said Yousif Aboul Haggag Abdul Aziz	4
Lecturer	MOHAMED GALAL KHALIL IBRAHIM ELSHERBINI	
Teaching Assistant	Mohamed Yahia Mohamed Abdelkader	4

Area Of Study :

Upon successful completion of this course, the student should be able to: - Understand the basic concepts and main principles - Calculate the values of the essential terms
Regarding initiating, proceeding and finalizing of engineering project

Description :

Continuation to the bachelor project started in SCM 500

Course outcomes :

a.Knowledge and Understanding: :

1 -	Define the main terms of initiating the 2nd part of project
2 -	Analyze the system of proceeding the 2nd part of project
3 -	Analyze the system of proceeding the 2nd part of project
4 -	Assess issues of supervision finalization of the 2nd part of proj

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 -	Apply Code provisions regarding proceeding the 2nd part of project
2 -	Demonstrate presentation regarding status of the 2nd part of project
3 -	Apply Code provisions regarding proceeding the 2nd part of project
4 -	Draw neat details of supervision finalization of the 2nd part of project

5 -	Demonstrate presentation regarding final status of the 2nd part of project
d.General and Transferable Skills: :	
1 -	Work in a team
2 -	Communicate effectively with others

Course Topic And Contents :			
Topic	No. of hours	Lecture	Tutorial / Practical
initiating the 2nd part of project	4	0	4
preparing the 2nd part of project	16	0	16
proceeding the 2nd part of project	4	0	4
supervision the 2nd part of project	16		16
finalization the 2nd part of project	12		12
demonstrating the 2nd part of project	4		4
Revision	4		4

Teaching And Learning Methodologies :
Interactive Lec.
Discussion
Problem Solving
Project
Report / Present

Course Assessment :			
Methods of assessment	Relative weight %	Week No	Assess What
Final Exam	40.00		
Project	10.00		
Quizzes / Assig.	10.00		
Report / Present	10.00		
Supervision	30.00		