

**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 :**

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 :**

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 - Define the main terms of initiating the 1st part of project

**b.Intellectual Skills: :**

1 - Analyze the system of proceeding the 1st part of project

2 - Analyze the system of proceeding the 1st part of project

3 - Assess issues of supervision finalization of the 1st part of project

**c.Professional and Practical Skills: :**

1 - c1- Apply Code provisions regarding project design

2 - c2- Demonstrate presentation regarding project output

3 - c3- Apply Code provisions regarding managing of project

4 - c4- Draw neat details project elements

5 - c5- Demonstrate presentation regarding project planning

**d.General and Transferable Skills: :**

1 - d1- Work in a team

2 - d2- Communicate effectively with others

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
initiating the 1st part of project	4	0	4
preparing the 1st part of project	16	0	16
proceeding the 1st part of project	4	0	4
supervision the 1st part of project	16	0	16
finalization the 1st part of project	12	0	12
demonstrating the 1st part of project	4	0	4
Revision	4	0	4

**Teaching And Learning Methodologies :**

students lecture notes

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Final Exam	40.00		
Performance	10.00		
Quizzes / Assignment	10.00		
Report / Presentation	10.00		
Supervision	30.00		

**Course Notes :**

students lecture notes