

## 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 Abdel Rashid Nosier Tony                   |              |
| Professor           | Tarek Kamal Hassan Mohamed                         |              |
| Professor           | Ahmed Farouk Mohamed Hassan Deifalla               | 2            |
| Professor           | sherif Mohamed Ibrahim Mohamed                     |              |
| Professor           | Mohamed Abdel Moaty Khalaf Mohamed                 |              |
| Associate Professor | Ahmed Mohamed Abd Elkhaleq Ebid                    | 3            |
| Lecturer            | HOSAM MOSTAFA MAHMOUD EID HEGAZY                   | 2            |
| Lecturer            | Tarek Salah El Din Moustafa Ragheb                 |              |
| Lecturer            | Dina Muhammad Fathy Ors                            | 2            |
| Assistant Lecturer  | Noura Khedr Abdul raheem Ahmed                     |              |
| Assistant Lecturer  | Muhammad Diab Saadeldin Abdl aal                   |              |
| Assistant Lecturer  | Ahmed Mohamed Abdel Moniem Mohamed Soliman         | 2            |
| Assistant Lecturer  | Dina Hesham Mohamed Helmy                          |              |
| Assistant Lecturer  | Dina Yehia Zakaria Ewais                           | 2            |
| Assistant Lecturer  | Mahmoud Mohamed Abdullah Abdullally                |              |
| Teaching Assistant  | Abdallah Awny abdel Salam Abo el Khair El megarbel |              |
| Teaching Assistant  | Mohamed fathy Ahmed Elsayed Khalil                 |              |

**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             |         |             |
| Suppervision          | 30.00             |         |             |

**Course Notes :**

