

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 | Mohamed Abdel Moaty Khalaf Mohamed | |
| Professor | Ahmed Farouk Mohamed Hassan Deifalla | |
| Professor | Ibrahim Mahmoud Mahdi Mostafa | 4 |
| Professor | Ibrahim Mahmoud Mahdi Mostafa | 4 |
| Associate Professor | MOHAMED GALAL KHALIL IBRAHIM ELSHERBINI | |
| Lecturer | Tarek Salah El Din Moustafa Ragheb | |
| Lecturer | RANA NABIL FATTOUH KHALLAF | 2 |
| Lecturer | HOSAM MOSTAFA MAHMOUD EID HEGAZY | 2 |
| Assistant Lecturer | Dina Hesham Mohamed Helmy | 2 |
| Assistant Lecturer | Ahmed Mohamed Abdel Moniem Mohamed Soliman | 2 |
| Assistant Lecturer | Muhammad Diab Saadeldin Abdl aal | 2 |
| Assistant Lecturer | Dina Yehia Zakaria Ewais | 7 |
| Assistant Lecturer | Mahmoud Mohamed Abdullah Abdulally | |
| Assistant Lecturer | Youssef Ahmed Elsayed Kamaleldin Ahmed Awad | |
| Assistant Lecturer | Nada Mohamed Abd El Hamid Ali Mohamed | |
| Teaching Assistant | Shrouk Awaad Mohamed Awaad | 2 |
| Teaching Assistant | Ahmed Salah Rashad Ahmed Abdelhakk | 2 |
| Teaching Assistant | Abdallah Awny abdel Salam Abo el Khair El megarbel | |
| Teaching Assistant | Ahmed Salah Rashad Ahmed Abdelhakk | 2 |

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 :

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|------------------|
| 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 | | |
| Suppervision | 30.00 | | |