

Faculty of Engineering & Technology

Quantity Surveying and Cost Control

Information :

Course Code : SCM 552

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Department of Structural Engineering & Construction Management

Instructor Information :

Title	Name	Office hours
Lecturer	HOSAM MOSTAFA MAHMOUD EID HEGAZY	6
Lecturer	HOSAM MOSTAFA MAHMOUD EID HEGAZY	6
Lecturer	HOSAM MOSTAFA MAHMOUD EID HEGAZY	6
Assistant Lecturer	Nada Mohamed Abd El Hamid Ali Mohamed	
Teaching Assistant	Ahmed Mohamed Abdelnaby Ali Shafay	
Teaching Assistant	Mohamed Ahmed Reda Abas Ahmed	
Teaching Assistant	Ahmed Mohamed Abdelnaby Ali Shafay	
Teaching Assistant	Mohamed Ahmed Reda Abas Ahmed	

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 cost estimating quantity surveying types of resources balanced & unbalanced bid project specification tender preparation

Description :

Approximate estimate, Detailed estimate: quantity survey, labor cost, equipment cost, subcontractor cost, purchasing orders, indirect cost, Bid calculation, Unit cost estimate, Cost planning, Traditional cost control methods, Network base cost control methods.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Define the main terms of cost estimating
2 -	List the main items of types of resources
3 -	Describe the main concept of balanced & unbalanced bid

b.Intellectual Skills: :

1 -	Calculate the values of cost estimating
2 -	Solve problems regarding quantity surveying
3 -	Assess issues of types of resources
4 -	Solve problems regarding balanced & unbalanced bid

c. Professional and Practical Skills: :

1 -	Prepare technical reports for project specification
2 -	Demonstrate presentation regarding tender preparation

d. General and Transferable Skills: :

1 -	Work in a team
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Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Cost estimating	8	4	4
Quantity surveying	8	4	4
Types of resources	8	4	4
Balanced & unbalanced bid	12	6	6
Project specification	12	6	6
Tender preparation	8	4	4
Revision	4	2	2

Teaching And Learning Methodologies :

Interactive Lec.
Discussion
Problem Solving
Report / Presentation

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final Exam	40.00		
Mid-term Exam 1	15.00		
Mid-term Exam 2	15.00		
Quizzes / Assignments	15.00		
Report / Presentations	10.00		

Course Notes :

Student Lecture Notes

Recommended books :

"Construction Management Jump Start" 2nd edition, Jacson, Barbara J., 2010
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Periodicals :

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Web Sites :

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