

1. Course Name:	
Quantity Surveying	
2. Course Code:	
CIV41106	
3. Semester / Year:	
Courses	
4. Description Preparation Date:	
5/12/2025	
5. Available Attendance Forms:	
Two-hour theoretical lecture per week	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Total Credit Hours 30	
Number of Units 3	
7. Course administrator's name (mention all, if more than one name)	
Maher Fadhil Abdulameer College email maher.fadhil@muc.edu.iq	
8. Course Objectives	
Course Objectives	Identifying the types of estimation, calculating the amount of reinforcing steel, calculating the amount of construction and earthworks, technical specifications and preparing bills of quantities Pricing, types of contracts, and the standard standard guide
9. Teaching and Learning Strategies	
Strategy	A. Knowledge and Understanding A1. The student will know the different types of Estimation. A2. Preparing bills of quantities. A3. Getting acquainted with the engineering specifications and the unified standard guide. B. Subject-specific skills Training the student to solve problems in the field of estimating building and preparing tables of quantities. C. Thinking Skills C1 - Developing the student's ability to work at home and handed them time. C2- Trying to apply the concepts by solving different types of exercises C3 - Developing - the student's ability to dialogue and discussion. C4 - Attempting to develop the student's ability by making use of available means for making decisions in engineering reality D. General and Transferable Skills (other skills relevant to employability and personal development) D1 - Develop the student's ability to deal with technical means. D2 - Develop the student's ability to deal with the Internet. D3 - Develop the student's ability to deal with multiple media.

D4 - Develop the student's ability to dialogue and discussion					
1. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Week 1	2	Types of Construction Estimations:	Types of Construction Estimations:	Theoretical	Discussion
Week 2	2	Measurement of Materials and Works	Measurement of Materials and Works	Theoretical	Discussion
Week 3	2	Methods of Measurements	Methods of Measurements	Theoretical	Discussion
Week 4	2	Methods of Measurements	Center line Method & Axo method	Theoretical	Report
Week 5	2	Bill of Quantities	Application examples	Theoretical	Report
Week 6	2	Bill of Quantities	Application examples	Theoretical	Quiz
Week 7	2	Monthly Exam	Monthly Exam	Theoretical	Exam
Week 8	2	Cost Estimation	Cost Estimation	Theoretical	Report
Week 9	2	Examples of Cost Estimation	Cost Estimation	Theoretical	Quiz
Week 10	2	Cost Estimation for Plans	Cost Estimation	Theoretical	Report
Week 11	2	More Application	More Application	Theoretical	Report
Week 12	2	More Application	More Application	Theoretical	Discussion
Week 13	2	Monthly Exam	Monthly Exam	Theoretical	Discussion
Week 14	2	Estimation of Steel Reinforcement	Estimation of Steel Reinforcement	Theoretical	Quiz
Week 15	2	Estimation of Steel Reinforcement	Estimation of Steel Reinforcement	Theoretical	Exam
2. Course Evaluation					
Final Exam 50 degree					
Mid Exam 50 degree					
3. Learning and Teaching Resources					
Special requirements (include for exam workshops, periodicals, IT software, websites)					
Community-based facilities (Include for example, guest Lectures, internship, field studies)					

Course Description Form

