

Course Description Form

1. Course Name:	
Construction management	
2. Course Code:	
CE318	
3. Semester / Year:	
First semester/2024-2025	
4. Description Preparation Date:	
2024-9-23	
5. Available Attendance Forms:	
Lecture are in person at the university only	
6. Number of Credit Hours (Total) / Number of Units (Total)	
2/3	
7. Course administrator's name (mention all, if more than one name)	
Name: israa mahdi kadhim Email: israa.mahdi@uowa.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> • Introducing students to the basic concepts of construction project management. • Identifying the parties involved in the construction project. • Studying the methods of planning and programming construction projects using different planning methods. • Identifying the methods of project delivery. • Identifying the basic elements of construction management.

• Programming the construction project using a programs

9. Teaching and Learning Strategies

Strategy	<ol style="list-style-type: none"> 1. Encourage students to participate in exercises while expanding their critical thinking skills, through interactive thinking about some simple experiments that include some activities that interest students. 2. Arouse students' curiosity about the best management methods in projects. 3. Link engineering management to other related subjects, estimation, construction methods, etc. 4. Link the theoretical side to the practical side and transfer student to construction projects. 5. Calculations must be realistic and do not accept incorrect number comparison and intuition.
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10. Course Structure

Week	Hou rs	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
16		Cognitive objectives: At the end of the chapter, the student will be able to: 1. Conduct project time planning. 2. Conduct project schedules. 3. Identify the resources needed to complete project activities. Emotional and moral objectives:	1- Introduction, construction management concept Phases construction project person	1- Lectures 2- Homework 3- Exams 4- Questions and discussions class 5- Extracurricular activities	1- Exams and tests 2- Student participation during lectures

		<p>1. Take an interest in project management.</p> <p>2. Stand in front of any project and notice the correct ways to manage it.</p> <p>3. Think deeply about the importance of planning and project management.</p> <p>4. Civil engineering is a broad field that is not limited to construction work only.</p>	<p>involve the process of construction management, go and function of construction management, success factors the construction .</p> <p>3- Planning stages the planning the element of go planning the steps applied for the preparation of the main planning</p>	<p>6- Field trips</p>	<p>3- Student responses to questions concerning about the curriculum and the faculty member</p> <p>4- Extracurricular activities</p>
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			<p>4- Method of t planning Bar chart method</p> <p>5- Criti path method (arrow diagram nodes diagram</p> <p>6-PERT method</p> <p>7- Line balance method</p> <p>8- Resour s management</p> <p>9- Plannin by usi comput program</p>		
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11. Course Evaluation

- 1- Exams and tests
- 2- Student participation during lectures

3- Student responses to a questionnaire about the curriculum and the faculty member

4- Extracurricular activities

12. Learning and Teaching Resources

Programming and Scheduling Techniques (Thomas Euher).2003. Project Management (F. Gray and W. Larson) 7th Edition 2018. Engineering Economics (R. Panneerselvam) 2012.	
Project Management planning and control (Albert Lester) 2006	
Construction Management Principles of construction management By: Roy Piltcher Modern Construction management By: F. Harris Critical path methods in construction practice By: Antill	

