



Course Weekly Outline

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Course name	Economy Management -2			
Course objective	The course aims to present the basics of project management with special emphasis on the project selection phase, cost estimation, cash flows, methods for compressing project duration, EVM, and risk and contract management.			
Course description	<p>A- Cognitive objectives</p> <p>A1- Introduction to strategic planning and the project selection process.</p> <p>A2- Earned value management and project compression technology.</p> <p>A3- Risk and contract management.</p> <p>A4- Stakeholder management and human resources</p> <p>B - The skills objectives of the course.</p> <p>B1 - Methods for studying cost versus benefit and estimating project costs</p> <p>B2 - Applying earned value management techniques and project compression techniques.</p>			
References	A Guide to the project management body of knowledge - PMI			
External sources	A Guide to the project management body of knowledge - PMI			
Course assessment	Lab.	Quizzes and assessment	Mid-term exam	Final exam
		10	30	60

Republic of Iraq

Ministry of Higher
Education and Scientific
Research
Supervision and Scientific
Evaluation Apparatus



College: Shatt Al-Arab University

Department: Civil Engineering

Stage: 3rd stage

Lecturer name: Mohammed Mustafa

Mohammed Nooruldin Ars

Academic title: Lecturer

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Week No.	Theoretical	Experimental	Aims
1		Project Selection Process	The course aims to present the basics of project management with special emphasis on the project selection phase, cost estimation, cash flows, methods for compressing project duration, EVM, and risk and contract management.
2		Project Selection Process	
3		Estimation of Construction Cost	
4		Estimation of Construction Cost	
5		Cash Flow of Project	
6		Cash Flow of Project	
7		Project Evaluation by Earned Value management	
8		Project Evaluation by Earned Value management	
9		Reducing Project Duration by Crashing Management	
10		Reducing Project Duration by Crashing Management	
11		The Basis of construction contracts	
12		The Basis of construction contracts	
13		Project Risk Management	
14		Linear Programming (Operation Research)	
15		Linear Programming (Operation Research)	