



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY JAMSHORO
Department of Civil Engineering

LESSON PLAN

COURSE TITLE: Project Management	COURSE CODE: CE355	CREDIT HOURS: 02	MINIMUM CONTACT HOURS: 32
COURSE INSTRUCTORS: Prof. Dr. Tauha Hussain Ali(A)/Prof. Dr. Nafees Ahmed Memon (B)/Engr. Sajan Ali Laghari (B) /Dr. Ali Raza Khoso (C) /Engr. Muhammad Saleem Raza (A)			
Batch: 22CE (A+B+C)	Semester: 5th	Semester Starting Date: 09-12-2024	Semester Suspension Date: 18-04-2025

COURSE LEARNING OUTCOMES:

CLO	Description	Taxonomy Level	PLO
1	DESCRIBE primary theoretical knowledge of Project Management in the field of Engineering and construction industry.	C2	11
2	DISCUSS essential theoretical knowledge of complete project life cycle of construction projects and their related issues.	C3	11



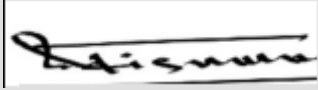
LESSON CONTENTS AND ASSOCIATED CLO(s)

Contents	CLO No.	Marks Assigned	Delivery Methods	Assessment Methods (Marks)
<p>Knowledge of Project Management</p> <ul style="list-style-type: none"> • Introduction and overview of the subject • Management, functions of management • Objectives of management, Levels of management • Project Management, Engineering Management and Construction Management • Project roles, responsibilities, and skills of project manager • Identification of project stakeholders • SWOT Analysis, PEST Analysis, and PESTLE Analysis • Human resource management • Quality Management Systems • Health, Safety and Environment • Entrepreneurship and its types <p>No. of Lectures: 14</p>	1	22	<ul style="list-style-type: none"> • Class Lecture • Discussion 	<ul style="list-style-type: none"> • Project-I (04) • Class Test-I (03) • Mid Semester Exam (15)

<p>Project Life Cycle</p> <ul style="list-style-type: none"> • Identification of project • Project design, project development and project documentation • Project Life Cycle • Procurement process and contractual relationship • Types of Engineering contracts • Feasibility studies of the project • Preparation and approval procedure of PC-I, PC-II, PC-III, and PC-IV • Introduction to value engineering and life cycle costing • Claims, Cost Escalation, Arbitration, Litigation • Risk Analysis and Management • Building Information Modelling <p>No. of Lectures: 18</p>	2	28	<ul style="list-style-type: none"> • Class Lecture • Discussion 	<ul style="list-style-type: none"> • Class Test-II (04) • Project-II (04) • Final Exam (20)
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ASSESSMENT DETAILS

S. No.	Assessment Activities	Marks	Activities		CLO(s) to be assessed
1	Class Test/Assignment/Project Design/Presentation/Quiz/Field Report	15	Class Test(s)	2	1,2
			Project(s)	2	1,2
2	Mid Semester Exam	15	1		1
3	Final Semester Exam	20	1		2

<p>Prepared by: Prof. Dr. Tauha Hussain Ali</p> <div style="text-align: center;">  </div> <p>Signature: Dated: 20-12-2024</p>	<p>Reviewed by: Curriculum Review Committee</p> <div style="text-align: center;">  </div> <p>Signature: Dated: 20-12-2024</p>	<p>Approved by: Chairman, CED</p> <div style="text-align: center;">  </div> <p>Signature: Dated: 20-12-2024</p>
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