

MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY JAMSHORO Department of Civil Engineering

LESSON PLAN

COURSE TITLE: Management	Construction Plan	ning &	COURSE CODE: CE4	37	CREDIT HOURS:		MINIM HOURS	UM CONT : 48	ACT
COURSE INSTRU Saleem Raza (B)	JCTER: Prof. Dr. T	auha Hu	ssain Ali (D) /Dr. Ali Ra	za Kho	oso (A+B-	+C+D)) /Engr. M	uhammad	
Batch: 19CE	Batch: 19CESemester 8 TH Semester Starting Date: 03-07-2023Semester					er Suspension Date: 20-10-2023			
COURSE LEARN	NING OUTCOMES	:							_
CLOs	Course Learning Outcomes						Taxonomy Level		
	APPLY the knowledge of deterministic and probabilistic models f project planning and scheduling.				dels for		C3 11		
:	2. APPLY the knowledge of value engineering and construction economics for appraisal of different construction projects				truction		C3 11		
LESSON CONTE	NTS AND ASSOC	IATED (CLO(s)						
	Contents CLO Marks No. Assigned			Delivery Methods	M	Assessment Methods (Marks)			
 Constru- organiz Types Econor Skills a Introdu Manag Project Plann a) Bar Levelin Introduction ta Structure and Tessource Levindustry softw b) Determ Critical Path Diagram, Criti (A.O.N) Diagr a) Probal Project Evalu Graphical Evalu Determining 	cational hierarchy of Construction ny, and Civil Engund responsibilities and responsibilities action to Infor- ement ing & Schedulin Chart/Gantt Cong to scheduling tecture use of software, to eling, Introduction are ministic Techniqu Method using A ical Path Metho am, Precedence I bilistic Techniqu tation and Revaluation and Revaluation and Revaluation d Beta Distribution	player phayer phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart/W phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phart phar	s and their roles, jects, Construction nstruction managers and Knowledge BS & Resource , Work Breakdown hart, Introduction to various construction on Arrow (A.O.A) ; Activity on Node	1	54		Class Lecture Discussion	(05) • Assigned (05) n • Mid Exar	s Test-I gnment-I semester n (20) l Exam

Value Engineering and construction economics Introduction to Value Engineering and its' phases, Li costing, Introduction to engineering economics, Ec Aspect for the Construction Industry, Time Value of Project financial appraisal & Methods of ec comparison, Developing the cash flow diagram projects, Construction Cost Control	onomics Money, conomic		• Class Lecture	 Class Test-II (05) Assignment-
Construction Equipment and Management Importance of Equipment Management in Cons Developments in Construction Equipment, Ty Construction Equipment, Selection of Construction Equipment, Selection of Construction Equipment economics No. of Lectures: 22	pes of uipment	46	• Discussion	II (05) • Final Exam (36)
ASSESSMEN	T DETAILS	-	1	1
	_			CLO(s) to be

S. No.	Assessment Activit	Marks	Activities	CLO(s) to be assessed		
1 Class Test/Assignment/Project Presentation/Quiz/Field Report		Design/	20	Class test(s)	2	1, 2
		-	20	Assignment(s)	2	1, 2
2	Mid Semester Exam		20	1		1
3	Final Semester Exam	60	1	1, 2		
Prepared by Signature:	y: Prof. Dr. Tauha Hussain Ali		Curriculum Rev		Koin	irman, CED
Dated: 08-04-2023		Signature: Dated: 18-04-2	023	Signat Dated	ture: : 18-04-2023	