

MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY JAMSHORO Department of Civil Engineering

## LESSON PLAN

atch: 22	2BSCET	UCTER: Engr. S Semester: 5 <sup>th</sup>		n Rizvi / Er	3/1	COURSE CODE:CREDICET302HOURSE					
OURS CLO No.		Semester: 5 <sup>th</sup>	~		ngr. Muh	ammad	Shah	leer			
CLO No.	E LEAR		Semester S	tarting Date	e: 09-12-2	024	Sen	nester Sus	pension	Date:	18-04-2025
No.		NING OUTCON	MES:								
1	Description			cription					Taxonomy level		Associate PLO
structural members			-				C2		1		
2 <b>Apply</b> design method for design of reinforced and pre- using different codes			e-stressed concrete		members		C4		3		
ESSON	N CONTI	ENTS AND ASS	OCIATED	CLO(s)	1	r		r		[	
Contents			CLO No.	Mar Assig		Delivery Methods		Assessment Methods (Marks)			
<ul> <li>Basic Principles <ul> <li>Design Code</li> <li>Ultimate Strength Design</li> <li>Under Reinforced and Over Reinforced</li> <li>Form Work</li> <li>Shuttering</li> <li>Shoring and Scaffolding</li> </ul> </li> <li>Shear Stress in concrete beams <ul> <li>Shear Cracking</li> <li>Web Reinforcement</li> <li>Tension Reinforcing</li> </ul> </li> <li>Drawing of Structural Elements <ul> <li>Design of Bar Bending</li> <li>Preparation for Working Drawing</li> <li>Bar bending Schedule</li> </ul> </li> <li>No. of Lectures: 15</li> </ul>			1	23	5	<ul> <li>Class Lecture</li> <li>Discussion</li> </ul>		<ul> <li>Assignment (08)</li> <li>Mid semester Exam (15)</li> </ul>			
Baa Me Ap • An La Sh La Io Pr	sic Conce ethod of P plication alysis of oad balan hort term osses of p ump sum sses recast uni	and detailed est	oncrete c <b>rete</b> flection	prestressed	2	27	,	• Class I • Discus			s Test (07) l Exam (20)
No. of	Lecture	s: 17									

S. No.	Assessment Activiti	Marks	Activities		CLO(s) to be assessed	
1	Test/Assistment	15	Assignment(s)	1	1	
1	Test/Assignment	15	Class Tests	1	2	
2	Mid Semester Exam	15	1	1		
3	Final Semester Exam	20	1	2		
Prepared Signature Dated: 18		Reviewed by Signature: Dated: 20-12	P.	Sig	nature: ted: 20-12-2	2024