



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY JAMSHORO

Department of Civil Engineering

LESSON PLAN

COURSE TITLE: Geometrical Drawing		COURSE CODE: CE102	CREDIT HOURS: 02	MINIMUM CONTACT HOURS: 32
COURSE INSTRUCTOR: Engr. Arshad Ali Memon (A+B+C+D)				
Batch: 23CE	Semester: 1 st	Semester Starting Date: 15-08-2023	Semester Suspension Date: 24-11-2023	
COURSE LEARNING OUTCOMES: Upon successful completion of the course, the student will be able to:				
CLO No.	Description	Taxonomy level	Associated PLO	
1	PREPARE orthographic projection of points, lines, planes, and solids	C3	1	

LESSON CONTENTS AND ASSOCIATED CLO(s)

Contents	CLO No.	Marks Assigned	Delivery Methods	Assessment Methods (Marks)
<ul style="list-style-type: none"> Orthographic Projection of Points, Lines, Planes & Solids: - Introduction to the subject - Drawing instrument & it's uses - Orthographic projection of points - Projection of lines Parallel to both planes - Projection of lines Parallel to one plane & Perpendicular to other - Projection of lines Parallel to one plane & Inclined to other - Projection of lines Inclined to both planes -Traces of a line No. of lectures: 20	1	35	<ul style="list-style-type: none"> • Class Lecture • Discussion • Work Sheets 	<ul style="list-style-type: none"> • Class Test-I (02) • Assignment-I (03) • Mid semester Exam (15) • Final Exam (15)
<ul style="list-style-type: none"> -Projection of planes parallel to one plane & perpendicular to other -Projections of Oblique planes -Projection of Solids in Simple Position -Projection of Solids in Inclined Position -Traces of a line No. of lectures: 12	1	15	<ul style="list-style-type: none"> • Class Lecture • Discussion • Work Sheets 	<ul style="list-style-type: none"> • Class Test-II (03) • Assignment-2 (02) • Final Exam (10)

ASSESSMENT DETAILS

S. No.	Assessment Activities	Marks	Activities	CLO(s) to be assessed
1	Class Test/Assignment	10	Class Test	2
			Assignment	2
2	Mid Semester Exam	15	1	1
3	Final Semester Exam	25	1	1

Prepared by: Engr. Arshad Ali Memon Signature: Dated: 15-09-2023	Reviewed by: Curriculum Review Committee Signature: Dated: 14/10/2023	Approved by: Chairman, CED Signature: Dated: 14/10/2023
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