



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY JAMSHORO

Department of Civil Engineering

LESSON PLAN

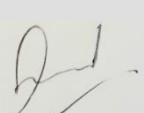

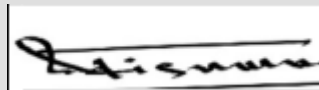
COURSE TITLE: Geometrical Drawing		COURSE CODE: CE103	CREDIT HOURS: 01	MINIMUM CONTACT HOURS: 16
COURSE INSTRUCTOR: Engr. Arshad Ali Memon (A+B+C)				
Batch: 24CE	Semester: 1st	Semester Starting Date: 19-08-2024	Semester Suspension Date: 04-12-2024	
COURSE LEARNING OUTCOMES: Upon successful completion 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 - Types of lines - Dimension and planning of drawing sheets - Standard drafting conventions - Principal requirements of geometrical drawing - Orthographic projection of points in quadrants - First and third angle projections, - Orthographic projection of lines and planes in simple and inclined positions, - Traces, Basic solids, Axes of prisms and cylinders inclined to both reference planes - Isometric projections, Free hand isometric sketches of solids. <p>No. of lectures: 16</p>	1	50	<ul style="list-style-type: none"> • Class Lecture • Discussion • Work Sheets 	<ul style="list-style-type: none"> • Class Test (07) • Assignment (08) • Mid semester Exam (15) • Final Exam (20)

ASSESSMENT DETAILS

S. No.	Assessment Activities	Marks	Activities	CLO(s) to be assessed
1	Class Test/Assignment	15	Class Test	1
			Assignment	1
2	Mid Semester Exam	15	1	1
3	Final Semester Exam	20	1	1

Prepared by: Engr. Arshad Ali Memon  Signature: Dated: 15-09-2024	Reviewed by: Curriculum Review Committee  Signature: Dated: 20-11-2024	Approved by: Chairman, CED  Signature: Dated: 20-11-2024
--	---	---