

**TENTATIVE TEACHING PLAN**  
**DEPARTMENT OF CIVIL ENGINEERING**

Name of Teacher: **Engr. Arshad Ali Memon**

Subject & Code: Civil Engineering Drawing (CE122)

Year: 1<sup>st</sup>

Starting Date: 18-12-2023

Batch: 23CE (A+B+C+D)

Semester: 2<sup>nd</sup>

Suspension Date: 18-04-2024

**Course learning outcomes:**

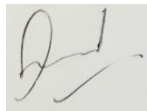
After completion of the “Civil Engineering Drawing” course, each student will be able to:

<b>CLO No.</b>	<b>Description</b>	<b>Taxonomy Level</b>	<b>Associated PLOs</b>
1	PREPARE plans, elevations and sections of various civil engineering works and related works.	C3	1

**Course contents**

<b>Sr. #</b>	<b>Topic</b>	<b>CLO's</b>	<b>No. of lecture hrs. required</b>
1.	Introduction to the subject, need and requirements of the drawings for civil engineering projects.	1	1
2.	Types of structures (Load Bearing and RCC Structures)	1	2
3.	Basic requirement for designing of a building and its components	1	2
4.	Concepts of line plan, working plan, Elevation and Sections (sectional elevations)	1	2
5.	Architectural drawing of various types of Foundations	1	2
6.	Working drawings of various types of foundations	1	2
7.	Drawings for roads and earthworks	1	2
8.	Plan, Elevation and Cross Section of One Room, Two Room and multi-storied buildings (Load Bearing and RCC Structures)	1	2
9.	Line and working Plan, Elevation and Cross Section of Industrial and Educational Building (Load Bearing and RCC Structures)	1	2
10.	Line and working Plan, Elevation and Cross Section of Clinic and Hospital Building (Load Bearing and RCC Structures)	1	2
11.	Line and working Plan of religious and recreational buildings	1	2
12.	Working drawing of columns	1	2
13.	Working drawing of beams	1	2
14.	Stairs and staircases, different parts of staircases. Classification and types of staircases	1	3
15.	Plan and sectional elevations of different types of staircases	1	2
16.	Detail drawings of doors and windows	1	2
<b>Total Lectures Hours:</b>		-	<b>32</b>

**Signature of Teacher:**



Dated: 19-12-2023

**Remarks of DMRC: APPROVED**



**Signature of Chairman:**

Dated: 21/12/2023