



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY

FRM-001/00QSP-004

TENTATIVE TEACHING PLAN

Dec.01.2001

DEPARTMENT/INSTITUTE/DIRECTORATE: CIVIL ENGINEERING

Name of Teacher: **Engr. Amjad Ali**

Batch: 21CE(D) Year: 2nd Semester: 4th

Subject: **Architecture and Town Planning**

Course Code: CE 246

Semester Starting Date: 03-07-2023

Semester Suspension Date: 20-10-2023

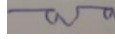
Course Learning Outcomes (CLOs):

Upon successful completion of the course, the student will be able to:

CLO No.	Description	Taxonomy level	Associated PLO
1	Explain concept of Architecture and its implications on Engineering and Design	C2	1
2	Apply principle of town planning in the development of modern cities and towns based on best practices and guidelines	C3	3

Sr. #	Description of Topic	CLO's	No. of Lec. Req.
1.	Introduction and history of Architecture	1	1
2.	Geographic, climatic, religious, social and historical influences	1	2
3.	Development of Islamic culture	1	2
4.	Qualities and Factors	1	2
5.	Use of different materials	1	1
6.	Walls and their construction	1	1
7.	Roof styles	1	1
8.	Energy efficient materials and thermal insulation	1	1
9.	Modern architecture and use of advanced materials	1	1
10.	Purpose, scope and trends in planning	3	2
11.	Urban growth, objectives and sound planning	3	1
12.	Modern Planning in Pakistan and abroad	3	1
13.	Phases of planning and principles of neighborhood planning and features	3	1
14.	Study of natural resources, economic resources	3	1
15.	Legal and administrative problems	3	1
16.	Civic surveys	3	1
17.	Master planning and zoning	3	1
18.	Various theories and land use patterns	3	1
19.	Location of parks and recreation facilities	3	1
20.	Layout of streets	3	1
21.	Location of public and semipublic buildings	3	1
22.	Civic center, commercial center	3	1
23.	Local shopping centers, public schools etc.	3	1
24.	Location of industries	3	1
25.	Slum areas and their upgrading methodologies	3	1
26.	Issues related to inner city design	3	1
27.	Suburban development	3	1
28.	Satellite Town and garden city	3	1
	Total Lectures		32

Signature of Teacher:



Dated: 20-06-2023

Remarks of DMRC: **APPROVED**

Signature of Chairman:



Dated: 01-08-2023