



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY, JAMSHORO.

Department of Civil Engineering

LESSON PLAN

COURSE TITLE: Architecture and Town Planning		COURSE CODE: CE246	CREDIT HOURS: 02	MINIMUM CONTACT HOURS: 32
COURSE INSTRUCTOR: Prof. Dr. Agha Faisal Habib (A) / Engr. Abdul Raqeeb Memon (B) / Engr. Amjad Ali Pathan (C)				
Batch: 23CE	Semester 4th	Semester Starting Date: 09/12/2024	Semester Suspension Date: 18/04/2024	

Course Learning Outcomes (CLOs):

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

CLO No.	Description	Taxonomy Level	Associated PLOs
1	EXPLAIN concepts of Architecture and its implications on Engineering and Design.	C2	1
2	APPLY the principles of town planning in the development of modern cities and towns based on best practices and guidelines.	C3	3


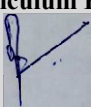
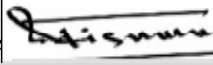
LESSON CONTENTS AND ASSOCIATED CLO(s)

Contents	CLO No.	Marks Assigne	Delivery Methods	Assessment Methods (Marks)
<p>★ Architecture:</p> <ul style="list-style-type: none"> ◆ Introduction and history of architecture ◆ Geographical, climatic, religious, social and historical influences ◆ Development of Islamic Architecture ◆ Qualities and Factors ◆ Use of different Materials ◆ Walls and their construction ◆ Roof styles ◆ Energy efficient materials and thermal ◆ Modern Architecture and use of advanced ◆ Molding and ornamental works in building <p>★ No. of lectures required: 12</p>	1	20	<ul style="list-style-type: none"> ◆ Lecture ◆ Discussio ◆ Design practice ◆ Presentati 	<ul style="list-style-type: none"> ● Mid semester Exam (15) ● Quiz No.1 (02) ● Assignment No.1 (03)
<p>★ Town Planning:</p> <ul style="list-style-type: none"> ◆ Purpose, Scope and Trends in planning, ◆ Urban growth, objectives of sound planning, ◆ Modern planning in Pakistan and abroad. ◆ Phases of Planning and principles of Planning and its features. ◆ Study of natural resources, Economic ◆ Legal & administrative problems ◆ Civic Surveys ◆ Master Plan and Zonning 			<ul style="list-style-type: none"> ◆ Lecture ◆ Discussio 	<ul style="list-style-type: none"> ● Quiz No.2 (05) ● Assignment

<ul style="list-style-type: none"> ◆ Various theories and Land use patterns ◆ Location of Parks and recreation facilities ◆ Layout of Streets ◆ Location of Public and Semipublic Buildings. ◆ Civic Centre, Commercial Centres, ◆ Local-Shopping Centres, Public-Schools, etc. ◆ Location of Industries ◆ “Slum-Areas” and their upgrading ◆ Issue related to inner city design, ◆ Suburban development ◆ Satellite Town & Garden City <p>★ No. of lectures required: 20</p>	2	30	<ul style="list-style-type: none"> ◆ Design practice ◆ Presentati 	No.2 (05) • Final Exam (20)
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ASSESSMENT DETAILS

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

Prepared by: Prof. Dr. Agha Faisal Signature:  Dated: 18-12-2024	Reviewed by: Curriculum Review Committee Signature:  Dated: 20-12-2024	Approved by: Chairman CED Signature:  Dated: 20-12-2024
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