



LESSON PLAN

COURSE TITLE: Architecture and Town Planning	COURSE CODE: CE246	CREDIT HOURS: 02	MINIMUM CONTACT HOURS: 32
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COURSE INSTRUCTOR: **Prof. Dr. Agha Faisal Habib(A+B+C)/Engr. Amjad Ali (D)**

Batch: **21CE**

Semester: **4th**

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 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	CL O No.	Marks Assigned	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 insulation ◆ Modern Architecture and use of advanced materials ◆ Molding and ornamental works in building <p>★ No. of lectures required: 13</p>	1	20	<ul style="list-style-type: none"> ◆Lecture ◆Discussion ◆Design practice ◆Presentation 	<ul style="list-style-type: none"> • Mid semester Exam (10) • Quiz/Assignment No.1 (05) • Final Exam (05)
<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 Neighborhood Planning and its features. ◆ Study of natural resources, Economic resources, ◆ Legal & administrative problems ◆ Civic Surveys ◆ Master Plan and Zonning ◆ 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, 	2	30	<ul style="list-style-type: none"> ◆Lecture ◆Discussion ◆Design practice ◆Presentation 	<ul style="list-style-type: none"> • Quiz/Assignment No.2 (05) • Final Exam (25)

- ◆ Local-Shopping Centres, Public-Schools, etc.
- ◆ Location of Industries
- ◆ “Slum-Areas” and their upgrading methodologies.
- ◆ Issue related to inner city design,
- ◆ Suburban development
- ◆ Satellite Town & Garden City

★ No. of lectures required: 19

ASSESSMENT DETAILS

Sr. No.	Assessment Activities	Marks	Activities	CLO(s) to be assessed
1	Class Test/Assignment/Project Design/Presentation/Quiz	10	Assignment/ Class test	2 1, 2
2	Mid Semester Exam	10	1	1
3	Final Semester Exam	30	1	1, 2

Prepared by: **Prof. Dr. Agha Faisal Habib**

Signature :
Dated: 18/04/2023



Reviewed by: **Curriculum Review Committee**

Signature:
Dated:18-04-2023



Approved by: **Chairman, CED**

Signature:
Dated: 18-04-2023

