

URSE CODE: GIE-465

COURSE NAME: FUNDAMENTALS OF URBAN PLANNING

CREDIT HOURS: Theory = 02
 Practical = 01
 Total = 03

CONTACT HOURS: Theory = 32
 Practical = 48
 Total = 80

PREREQUISITE: Nil

MODE OF TEACHING:

Instruction: Two hours of lecture per week 67%

Practical: Three hours of Lab per week 33%

COURSE DESCRIPTION:

This course comprises of the fundamentals of urban planning, mainly it introduces urban planning, history of urban planning and its evaluation in today’s world. It also broadens the vision that why we plan our living space, as well as on which principles urban planning is being implemented to plan our cities. Further, this course can enable a person to understand the level of planning exist in this urbanized society where many cities are facing rapid urbanization. The focus of this course is to assess benefits of urban planning by studying different scenarios and to compare with the existing situations of urban planning in Pakistan. At the end, to understand the actual role of an urban planner that is a diversified role in its paradigm.

COURSE OBJECTIVES:

- Become familiar with the various tools of planning
- Learn how to work in teams, conduct group decision making, evenly divide up tasks and complete a group project.
- Understand why we plan – and the social, political and economic forces that shape planning

RELEVANT PROGRAM LEARNING OUTCOMES (PLOs):

The course is designed so that students achieve following PLOs:

1 Engineering Knowledge:	<input type="checkbox"/>	7	Ethics:	<input type="checkbox"/>
2 Problem Analysis:	<input type="checkbox"/>	8	Individual and Collaborative Team Work:	<input type="checkbox"/>
3 Design/Development of Solutions:	<input type="checkbox"/>	9	Communication:	<input type="checkbox"/>
4 Investigation:	<input checked="" type="checkbox"/>	10	Project Management:	<input type="checkbox"/>
5 Tool Usage:	<input checked="" type="checkbox"/>	11	Lifelong Learning:	<input type="checkbox"/>
6 The Engineer and Society:	<input checked="" type="checkbox"/>			

COURSE LEARNING OUTCOMES (CLOs):

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

S.No	CLO	Domain	Taxonomy Level	PLO
1	Knowledge of the basic concepts and applications of urban planning and planning models.	Cognitive	1	6
2	Illustrate the use of planning instruments for land use planning, neighborhood planning, zoning, and land subdivision.	Cognitive	2	5
3	Apply and practice urban planning ideas in the digital space using GIS.	Psychomotor	3	4

TOPICS

Theory:

Week /Lecture	Topic	Assessment Methodology/Activities
1	<u>Introduction and Course overview</u>	Class participation/chapter 1 levy
2	<u>Introduction to Urban Planning (Part 1)</u>	Assignment/Quiz Read about the use and value of planning http://alain-bertraud.com/AB_Files/AB_Transcript_1_use_urban_planning.pdf
3	<u>Introduction to Urban Planning (Part2)</u>	Quiz
4	<u>History of Planning – Overview</u>	Assignment/Quiz Levy, Chapter 3: The History of Planning: Part I
5	Use and Values of Urban Planning	Assignment/Quiz
6	OHT1	
7	Planning Instruments	Assignment/Quiz
8	Land Use Planning	Assignment Prepare the land use map of the area assigned to you in class.
9	Zoning and Land Subdivision	
10	Neighbourhood Planning	Assignment Make a street improvement plan.
11	Urban Planning theories	One theory as activity
12	OHT2	
13	Urban Planning models	Islamabad as model.

14	Urban Planning in Pakistan	
15	Urban Development issues	
16	Role of Urban Planner	
17-18	Exam	

Text Book

Levy, John M. (2008). *Contemporary Urban Planning (8th Ed.)*. New Jersey: Prentice Hall

Reference Books

A. K., *Town Planning for the Third World*, Feroze Sons Ltd. Lahore, 1994

ASSESSMENT SYSTEM:

1. CLOs Assessment

Cognitive	Psychomotor	Affective
Spreadsheet	Rubrics	-

2. Relative Grading

Theoretical / Instruction			67%
	<i>Assignments 10%</i>		
	<i>Quizzes 10%</i>		
	<i>Mid Semester Exam 30%</i>		
	<i>End Semester Exam 50%</i>		
Practical Work			33%
<i>Laboratory Work</i>		70%	
	<i>Laboratory Attendance 20%</i>		
	<i>Laboratory Report 20%</i>		
	<i>Laboratory Quiz 30%</i>		
<i>Viva/Quiz</i>		30%	
Total			100%