

TISHK INTERNATIONAL UNIVERSITY FACULTY OF ENGINEERING Department of ARCHITECTURE, 2021-2022 Spring Course Information for ARCH 322 PRINCIPLES OF PLANNING I					
Course Name:		PRINCIPLES OF PLANNING I			
Code ARCH 322	Regular Semester 6	Theoretical 2	Practical 2	Credits 3	ECTS 3
Name of Lecturer(s)- Academic Title:		Hafedh Abed Yahya - PhD			
Teaching Assistant:		Engineer Tara Fazil & Engineer Frya Ismail			
Course Language:		English			
Course Type:		Main			
Office Hours		monday 09:00 - 01:00			
Contact Email:		hafedh.yahya@tiu.edu.iq Tel:07510177232			
Teacher's academic profile:		PhD. Architectural Design, MSc. Architectural Engineering, BSc. Architectural Engineering			
Course Objectives:		A. Knowledge of the fundamentals of city planning, including its theoretical principles, methods, and techniques. B. An understanding of the economic, legislative, and societal issues that affect the evolution of city planning. C. To enable the students to collect data related to city planning Critical analysis, writing and presentation skills D. Planning and design skills at both strategic and detailed scales of intervention.			
Course Description (Course overview):		This course provides the student to understand the principles of planning a city , what is city planning, what are the principles, how do they use those principle how can they start planning a city , and how can they do a renewable for a city.			
COURSE CONTENT					
Week	Hour	Date	Topic		
1	2	6-10/2/2022	Introduction to City Planning		
2	2	13-17/2/2022	Principles of city planning		
3	2	20-24/2/2022	Land use		
4	2	27/2-3/3/2022	Maps Types		
5	2	6-10/3/2022	City Elements & locations		
6	2	27-31/3/2022	Roads for pedestrians		
7	2	3-7/4/2022	Vehicles Roads		
8	2	10-14/4/2022	Midterm Exam		
9	2	17-21/4/2022	History of cities		
10	2	24-28/4/2022	Theories of city planning		
11	2	8-12/5/2022	The Image of the City		
12	2	15-19/5/2022	The Image of the City		
13	2	22-26/5/2022	Green city		
14	2	29/5-2/6/2022	Sustainable city		
15	2	5-9/6/2022	Final Exam		
16	2	12-16/6/2022	Final Exam		

COURSE/STUDENT LEARNING OUTCOMES					
1	Students will be able to work within teams of planning problems				
2	Students can classified cities types, requirements and the basics of Land Use,.				
3	Students take into account Housing Considerations & requirements				
4	The students planning Transportation & infrastructure in the city, and the roads system concerning dimensions and section				
5	The students interpret Master Plan and the relation between space planning elements, types and methods				
COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES (Blank : no contribution, I: Introduction, P: Profecient, A: Advanced)					
Program Learning Outcomes				Cont.	
1	Apply problem-solving skills in the architectural context.			P	
2	Demonstrate knowledge of architectural history, theory, and practice in solving architectural design problems.			A	
3	Utilize freehand drawing, architectural graphics, and model building skills in solving architectural design problems.			P	
4	Utilize the computer as a tool in a wide range of documentation and presentation applications, using CAD, 3-D visualization and rendering, electronic image composition and editing software.			P	
5	Apply knowledge of mathematics, science, engineering and technology in solving architectural design problems.			P	
6	Develop designs that meet desired needs within realistic economic, social, political, and cultural constraints.			A	
7	Develop designs that fulfill the environmental, health & safety, and sustainability considerations.			P	
8	Demonstrate team-working skills and show the ability to work collaboratively with various design teams involved in the building industry, and collaborate and negotiate with clients.			A	
9	Demonstrate the necessary knowledge for applying laws, codes, regulations, standards and practices in relation to building construction systems.			P	
10	Show their ideas through high quality drawing skills and artistic sense.			I	
11	Utilize their skills to address professional and ethical responsibilities, diversity and commitment to the work field.			P	
12	Suggest solutions and techniques for engaging in life-long learning and knowledge about contemporary issues.			P	
Prerequisites (Course Reading List and References):		The image of the city by Kevin Lynch (1960) The life between buildings by Jan Gehl. Time Saver Standards for Housing And Residential Development Urban Housing Strategies General Housing Program for Iraq. -The form of cities,Book by Alexander R. Cuthber			
Student's obligation (Special Requirements):		- Students expected to attend all classes - Conduct all requested class work -Municipality Visits to understand the regulations of the city. -Site Visiting to collect data			
Weekly Laboratory/Practice Plan:		Week	Hour	Date	Topics
		1	2	6-10/2/2022	Groups and Site Selection
		2	2	13-17/2/2022	Base map
		3	2	20-24/2/2022	Data collection - Land use
		4	2	27/2-3/3/2022	Data collection - Roads network
		5	2	6-10/3/2022	Data collection - Building structural status
		6	2	27-31/3/2022	Data collection - Architectural values of existing buildings
		7	2	3-7/4/2022	Data collection - Architectural values of existing buildings
		8	2	10-14/4/2022	Data collection - Statistical data
		9	2	17-21/4/2022	Diagnose problems
		10	2	24-28/4/2022	Diagnose problems

	11	2	8-12/5/2022	Alternative planning proposal
	12	2	15-19/5/2022	Alternative planning proposal
	13	2	22-26/5/2022	Prelim submission of Alternative planning proposal
	14	2	29/5-2/6/2022	Development of planning proposal
	15	2	5-9/6/2022	Development of planning proposal
	16	2	12-16/6/2022	Final Submission of planning proposal
Course Book/Textbook:	- The City Shaped , Spiro Kistov ,1992 - The City in History, Mumford, 1974. The image of the city by Kevin Lynch (1960) The life between buildings by Jan Gehl. -The form of cities,Book by Alexander R. Cuthber -Hospers, G. J. (2009). Lynch, Urry and city marketing: Taking advantage of the city as a built and graphic image. Place Branding and Public Diplomacy, 5: 226– 233. -Jacobs J. (1961). The death and life of great American cities. New York: Random House. -Lynch K. (1960). Image of the city. Cambridge: Massachusetts Institute of Technology (MIT) Press. -Thompson I. H. (2012). Ten tenets and six questions for landscape urbanism. Landscape Research: Taylor and Francis Group			
Other Course Materials/References:	Time Saver Standards for Housing And Residential Development Urban Housing Strategies General Housing Program for Iraq.			
Teaching Methods (Forms of Teaching):	Lectures, Practical sessions, Exercises, Presentation, Project, Assignments, , ,			
COURSE EVALUATION CRITERIA				
Method			Quantity	Percentage (%)
Participation			1	5
Quiz			2	5
Homework			2	5
Project			1	15
Midterm Exam			1	20
Final Exam			1	40
Total				100
Examinations: Essay Questions, True-False, Fill in the Blanks, Multiple Choices, Short Answers, , ,				
Extra Notes:				
ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD				
Activities	Quantity	Workload Hours for 1 quantity*	Total Workload	
Theoretical Hours	16	2	32	
Practical Hours	16	2	16	
Final Exam	1	5	5	
Participation	1	6	6	
Quiz	2	8	16	
Homework	2		0	
Project	1		0	
Midterm Exam	1		0	
Total Workload			75	
ECTS Credit (Total workload/25)			3	

Peer review

Signature:

Name:

Lecturer

Signature:

Name:

Head of Department

Signature:

Name:

Dean