

Date:	Examination No.: 15367	Version:1/9/2019	Start: 1/9/2019
Module Name - Code	Housing		
Module Language:	English		
Responsible:	M. Hadeel Alsabbagh		
Lecture (s):	M. Ausama Majeed M.Shna Asaad M.Saya Jamal M.Maysa Ghazi		
College:	College of Engineering – Salahaddin University		
Duration:	15 weeks – 1 semester		
Course outcomes:	<p>At the end of the semester, students would be able to understand the following:</p> <ol style="list-style-type: none"> <li>1- The Concept of housing.</li> <li>2- Theories of housing planning.</li> <li>3- Housing Planning in Kurdistan.</li> <li>4- Housing Programs.</li> <li>5- Housing Policies in Kurdistan.</li> <li>6- Economic analysis of housing.</li> <li>7- Mathematical analysis of urban density.</li> <li>8- Urban housing standards.</li> <li>9- Affordable housing.</li> </ol>		

Course Content:	Week	Theoretical Part	Practical Part	Tasks for students
	1 <sup>st</sup> Week	The Concept of housing (definitions and terms)	Introduction about the selected zones.	Starting site analysis, linked with boundary identification.
	2 <sup>nd</sup> Week	Housing Planning Process	Data Collection 1 <sup>st</sup> phase	Presenting of collecting data
	3 <sup>rd</sup> Week	Housing Planning in Kurdistan	Data Collection 2 <sup>nd</sup> phase	Presenting and discussing the data.
	4 <sup>th</sup> Week	Urban Housing Standards (PolSERVICE)	Data Collection 3 <sup>rd</sup> phase	Presenting and discussing the final results.
	5 <sup>th</sup> Week	Housing Planning Techniques/ Urban Density.	Final Data Collection	Oral Presentation as Groups
	6 <sup>th</sup> Week	Mathematical Analysis of Housing	Mathematical analysis of data	Calculate the urban density of the selected zones.
	7 <sup>th</sup> Week	Types and Classification of Residential Units	Data Analysis 2 <sup>nd</sup> phase	Daily work.
	8 <sup>th</sup> Week	Housing Planning: Part-1: The Site Selection of Residential Areas, Part-2: Requirements of the residential Buildings.	The pre-final submission includes all the requirements of the data analysis.	Presenting and discussing the submission.
	9 <sup>th</sup> Week	Housing Problems & Programs.	Final data analysis	Oral Presentation as Groups
	10 <sup>th</sup> Week	Housing Policies & Economics.	Alternatives Strategies Level	2 Proposals to develop the selected zones
	11 <sup>th</sup> Week	Economic Analysis of Housing (Real Estates Market Analysis).	Strategies 2 <sup>nd</sup> phase	Daily work.
	12 <sup>th</sup> Week	Affordable Housing	Pre-final Submission of strategies	Presenting and discussing the submission.
	13 <sup>th</sup> Week	Theories of Housing Planning	Final Strategies	Oral Presentation as Groups
<b>Literature:</b>	1. PolSERVICE, "Housing Technical Standards and Codes Of Practice For Iraq". Warsaw- Poland 1982. 2. Robert Steuteville 2018, 25 Great Ideas of New Urbanism.			
<b>Type of Teaching:</b>	2 hrs in lectures 2 hrs laboratory working.			
<b>Pre-requisites:</b>				
<b>Frequency:</b>	Yearly in the spring semester			
<b>Requirements for credit points:</b>	For the award of credit points, it is necessary to pass the module exam. The module exam (practical and theoretical) contains: [ 120 min for theoretical] [ 180 min for practical] <b>Student attendance is required in all classes.</b>			
<b>Credit point:</b>	5			
<b>Grade Distribution:</b>	The Grade is generated from the examination result(s) with the following 20% for the theoretical part 30% for the practical part			
<b>Work- load:</b>				