



Ministry of Higher Education and  
Scientific Research - Iraq  
University of Baghdad  
College of Engineering  
Department of Architectural Engineering



## MODULE DESCRIPTOR FORM

### نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	ARCHITECTURAL DESIGN - GRAPHICS 2		Module Delivery
Module Type	CORE		<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture Lab Tutorial <input checked="" type="checkbox"/> Practical Seminar
Module Code	ARCH1201		
ECTS Credits	10		
SWL (hr/sem)	250		
Module Level	1	Semester of Delivery	
Administering Department	Arch	College	Engineering
Module Leader	\	e-mail	\
Module Leader's Acad. Title		Module Leader's Qualification	
Module Tutor	None	e-mail	None
Peer Reviewer Name	Dr. Saba Sami	e-mail	<a href="mailto:sabasami1000@yahoo.com">sabasami1000@yahoo.com</a>
Review Committee Approval	01/06/2023	Version Number	1.0

Relation With Other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	Architectural Design and Graphic 1	Semester	1
Co-requisites module	None	Semester	\

## Module Aims, Learning Outcomes and Indicative Contents

أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

<b>Module Aims</b> أهداف المادة الدراسية	<p>This course of architectural design and graphics will be have a project introducing function and basic structural knowledge, ending with a whole architectural design, with inside and outside spaces and specific functions of small areas. The aim is to prepare the student to enter the world of architecture intellectually, conceptually and practically as a basic working rule. Moreover, the subject aims at identifying the student with the concept of architecture by identifying the basic principles of design, composition, three dimensions, the human scale, the surroundings of the urban environment, etc.,</p> <p>The aim is also to develop the student's expressive language of those items. The subject, also, concentrates on developing the student's artistic and creative sense, the style of analytic and synthetic thinking, in addition to developing his awareness and sensation of the natural and built environment and to respect this environment starting from realizing and appreciating the classical urban environment and studying the presentational, plastic and compositional relationships of its elements and components.</p>
<b>Module Learning Outcomes</b> مخرجات التعلم للمادة الدراسية	<ol style="list-style-type: none"><li>1. The student will learn the basic structural knowledge and the function in simple space.</li><li>2. The student will learn a whole architectural design, with inside and outside spaces and specific functions of small areas.</li><li>3. Freehand skills are developed beside architectural drawings, Graphics and presentation for communication their designs.</li><li>4. Building imagination for supporting their conceptual framework.</li><li>5. Develop their ability to put design that meets reasonable costs and efforts.</li><li>6. The student will be able design and draw by different tools and materials.</li><li>7. Building capacity to work with a team to integrated their efforts with the others.</li><li>8. Students will be able to face any problem in design, profession or study, in a creative intelligent way , and suggest types of innovations to previous outputs.</li></ol>

	9. Communication skills, students will be able to communicate with people related to architectural field, through written, oral and drawing skills or digital skills.
<b>Indicative Contents</b> المحتويات الإرشادية	<p>Indicative content includes the following.</p> <p><u>Part A – lecture –Theory part</u></p> <ul style="list-style-type: none"> <li>- A project introducing function and basic structural knowledge.</li> <li>- A whole architectural design, with inside and outside spaces and specific functions of small areas.</li> </ul> <p><u>Part B – practical part</u></p> <ul style="list-style-type: none"> <li>- The applied exercise of a project introducing function and basic structural knowledge.</li> <li>- The applied exercise of a whole architectural design, with inside and outside spaces and specific functions of small areas.</li> </ul>
<b>Learning and Teaching Strategies</b> استراتيجيات التعلم والتعليم	
<b>Strategies</b>	<p>Type something like: The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. It will be achieved through academic lectures and intellectual discussions with students, exercises, field visits, and making architectural models and sheets.</p>

<b>Student Workload (SWL)</b> الحمل الدراسي للطالب			
<b>Structured SWL (h/sem)</b> الحمل الدراسي المنتظم للطالب خلال الفصل	150	<b>Structured SWL (h/w)</b> الحمل الدراسي المنتظم للطالب أسبوعياً	10
<b>Unstructured SWL (h/sem)</b> الحمل الدراسي غير المنتظم للطالب خلال الفصل	100	<b>Unstructured SWL (h/w)</b> الحمل الدراسي غير المنتظم للطالب أسبوعياً	6.6
<b>Total SWL (h/sem)</b> الحمل الدراسي الكلي للطالب خلال الفصل	250		

<b>Module Evaluation</b> تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
<b>Formative assessment</b>	<b>Concept exercises</b>	2	4% (4)	2,8	LO # 1-6
	<b>Development stages</b>	7	14%(14)	2,3,8,9,10,11,12	LO # 1-6, 8 and 9
	<b>Day-sketch</b>	2	16% (16)	6, 11	LO # 1,3,4,5,and 6 for first day sketch And all for the second day-skech
	<b>Studying Report</b>	2	6% (6)	1,7	LO # 9
<b>Summative assessment</b>	<b>Prelim - presentation</b>	2	15% (15)	3,13	All
	<b>Pre-final presentation</b>	2	20% (20)	4,14	All
	<b>Final presentation</b>	2	25% (25)	5,15	All
<b>Total assessment</b>			100% (100 Marks)		

<b>Delivery Plan (Weekly Syllabus)</b> المنهاج الاسبوعي	
	Material Covered
<b>Week 1</b>	<b>-A project introducing function and basic structural knowledge.-</b> - presentation about Interior model, and explain the land plan, and Give the student interior space. - Studying the human scale, furniture and function.
<b>Week 2</b>	<b>--A project introducing function and basic structural knowledge.-</b> Applied exercises as a concept stage. Using the production technology by using collage to facilitate the idea. -Developing the design concept.
<b>Week 3</b>	-Developing the design and Explain sections drawn once by pencil and others by collage in real colors, and developing presentation for exercises. --Prelim- presentation of exercise and analytical discussion with students.
<b>Week 4</b>	<b>-A project introducing function and basic structural knowledge.-</b> - Pre-final- presentation of exercise and analytical discussion with students.

<b>Week 5</b>	<b>-A project introducing function and basic structural knowledge.-</b> -The final presentation of the interior space exercise-
<b>Week 6</b>	-Day Sketch..... Exam  <b>A field visit. a whole architectural design, with inside and outside spaces and specific functions of small areas.</b> -Detailed and scaled drawing of a selected part of one of the visited buildings. The student will study the Architecture within its urban context.
<b>Week 7</b>	-Studying the location and the various environmental effects and different contexts. - Studying the activity thoroughly from the functional aspects and the expressive and symbolic requirements - Studying the architectural form. - The architectural concept how to crystallize it.
<b>Week 8</b>	<b>- Formulation and -developing the design concept</b> -Introduce the concept of the exercise. -developing the exercise.
<b>Week 9</b>	-Developing the exercise. And explain the site plan -Developing the exercise. And site plan
<b>Week 10</b>	-Developing the exercise. And explain the plan. -Developing the exercise and the plan..
<b>Week 11</b>	-Day Sketch..... Exam - Developing the exercise.
<b>Week 12</b>	Developing the design concept and explain the elevations
<b>Week 13</b>	preliminary presentation / individual criticism and developing the concept
<b>Week 14</b>	Pre-final presentation
<b>Week 15</b>	Final presentation

<b>Learning and Teaching Resources</b> <b>مصادر التعلم والتدريس</b>		
	<b>Text</b>	<b>Available in the Library?</b>
<b>Required Texts</b>	-Ernst Neufert, Architects' Data, 2012 -Francis D. K. Ching, Steven P. Juroszek, Architecture: Form, Space, and Order, 2004	Yes
<b>Recommended Texts</b>	Recommended books and references (scientific journals, reports...): -Many local and international projects, and many examples -Annual	

	-Architectural record	
<b>Websites</b>	Different architectural websites. -Arch daily : <a href="https://www.archdaily.com/">https://www.archdaily.com/</a> -Arch h2o : <a href="https://www.arch2o.com/">https://www.arch2o.com/</a> -Arch space : <a href="https://thearchspace.com/">https://thearchspace.com/</a> -Dezeen : <a href="https://www.dezeen.com/">https://www.dezeen.com/</a> -Architizer : <a href="https://architizer.com/">https://architizer.com/</a> - أركين : <a href="https://www.arcign.com/projects/">https://www.arcign.com/projects/</a>	

#### APPENDIX:

GRADING SCHEME				
مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				
NB Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				



ملاحظة: هذا النموذج تم وضعه وتقديمه من قبل مديرية ضمان الجودة في وزارة التعليم العالي والبحث العلمي