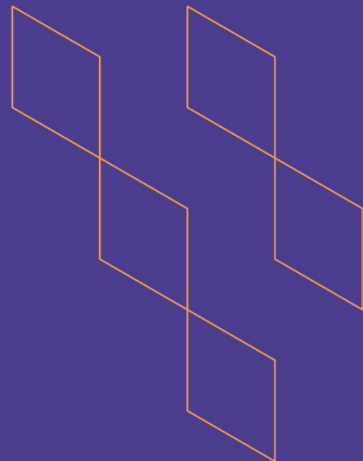




T-104  
2022

## Course Specification



Course Title: Architectural Drawings and Visual Studies  
(الرسم المعماري والتدريب البصري)

Course Code: IND 331

Program: Interior Design Program

Department: Architecture Department

College: College of Engineering and Information Technology

Institution: Onaizah Private Colleges

Version: Third Version

Last Revision Date: 2025-05-20

### Previous Course Specification

<https://drive.google.com/file/d/1SdHxaFTBePUfLEZRJMBAiTLL50RzFByK/view>



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## A. General information about the course:

Course Identification	
1. Credit hours:	2 Credit Hours [1 Theoretical + 1 Practical]
2. Course type	
a. University <input type="checkbox"/>	College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Track <input type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>
3. Level/year at which this course is offered:	Third Level / Second Year
4. Course general Description	
<p>This course introduces students to the foundational skills of architectural drawing and visual communication essential to interior design practice. Emphasis is placed on developing the ability to read, interpret, and produce architectural drawings using both manual and digital techniques. Students will explore drawing standards and systems, including orthographic projections, sections, elevations, perspectives, and axonometric views, to effectively communicate spatial and structural ideas. The course also incorporates visual studies that enhance analytical thinking, observation, and graphic expression through diagramming, composition, and visual storytelling. By the end of the course, students will be able to produce clear, professional interior design drawings and visual presentations that support the design process and communicate design concepts effectively to clients and collaborators.</p>	
5. Pre-requirements for this course (if any):	
None	
6. Co- requirements for this course (if any):	
IND 332, IND 333.	
7. Course Main Objective(s)	
<p>The objective of this course is to equip students with essential skills to produce accurate architectural drawings and visual representations that support the interior design process. Using both manual and digital techniques, students will learn to develop floor plans, sections, elevations, and visual diagrams that clearly communicate design concepts, spatial relationships, and functional layouts. The course emphasizes precision, visual clarity, and professional standards in architectural drafting to prepare students for effective participation in design development and presentation.</p>	

### 1. Teaching mode

No.	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> <li>Traditional classroom</li> <li>E-learning</li> </ul>	45 (30) (15)	100%
4	Distance learning		

## 2. Contact Hours (based on the academic semester)

No.	Activity	Contact Hours
1	Lectures	15
2	Laboratory/Studio	30
3	Field	
4	Tutorial	
5	Others (specify)	
Total		45



## B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
IND 331.C LO.K.1	Identify basic drawing tools and techniques used in the production of architectural drawings to support interior design practice.	K.1(التصميم برنامج) الداخلي Interior Design)	Primary: Lecture Additional: Video	Formative: Homework  Summative: Student Portfolio
IND 331.C LO.K.2	Discuss basic architectural elements in relation to interior design planning and project development	K.3(التصميم برنامج) الداخلي Interior Design)	Primary: Discussion (or similar active learning strategies \ F2F or Online)  Additional: Lecture	Formative: Homework  Summative: Student Portfolio
2.0	Skills			
IND 331.C LO.S.1	Analyze architectural drawings and design documents to support the development of interior design projects.	S.3(التصميم برنامج) الداخلي Interior Design)	Primary: Group Work (competitive or cooperative / Online or F2F)  Additional: Interactive Lecture \ Demonstration	Formative: Practical Assessment (Rubric)  Summative: Project Assessment (Rubric)
3.0	Values, Autonomy, and Responsibility			
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## C. Course Content

No.	List of Topics	Contact Hours
1	<ul style="list-style-type: none"> <li>- Introduction and objectives , Definition of design, Material requirements.</li> <li>- Introduction to architectural drawing in interior design.</li> </ul> <p><u>Activity:</u> Orientation and basic sketching: draw a simple room layout by observation.</p>	3
2	<ul style="list-style-type: none"> <li>- Drawing tools, line types, and drawing standards.</li> </ul> <p><u>Activity:</u> Line weight exercise using pencils and technical pens.</p>	3
3	<ul style="list-style-type: none"> <li>- Basic geometric shapes (triangle, square, circle and rectangle) and how to draw 2d shapes, 3d shapes, as well as (cube, triangular and quadrilateral pyramid, cylinder, and other geometric shapes).</li> </ul> <p><u>Activity:</u> Sketch 2D and 3D shapes using projection techniques and shading to represent form.</p>	3
4	<ul style="list-style-type: none"> <li>- Blocks composition (formal and informal composition), components and drawing terminology through a small exercise.</li> </ul> <p><u>Activity:</u> Compose a geometric block arrangement (formal/informal) using learned terminology.</p>	3
5	<ul style="list-style-type: none"> <li>- Introduction to axonometric and isometric drawing techniques.</li> </ul> <p><u>Activity:</u> Draw a furniture object or box in axonometric and isometric view.</p>	3
6	<ul style="list-style-type: none"> <li>- Introduction to Hatching and Showing Materials in Drawings.</li> </ul> <p><u>Activity:</u> Apply hatching to different materials (wood, stone, concrete).</p>	3
7	Orthographic projection: Plans, elevations, and sections – overview.	3
8	<ul style="list-style-type: none"> <li>- Drawing elevations: Wall details and interior elements.</li> <li>- Drawing sections: Vertical relationships and materials.</li> </ul> <p><u>Activity:</u> Draw a basic elevation with furniture and fixture placement.</p> <p><u>Activity:</u> Sketch a vertical section of a space showing floor, ceiling, and wall materials.</p>	3
9	<ul style="list-style-type: none"> <li>- Introduction to architectural symbols and annotation standards.</li> <li>- Dimensioning and labeling in architectural drawings.</li> </ul>	3



	<u>Activity:</u> Annotate a provided drawing with symbols for doors, windows, fixtures, and materials.	
	<u>Activity:</u> Add dimensions and notes to an elevation and floor plan.	
10	Developing a set of interior drawings for a small design project.	3
11	Midterm.	3
12	- Understanding and Drawing Staircases in Architectural Plans and Sections. <u>Activity:</u> Draw stairs in plan and section views with proper dimensions and line conventions.	3
13	Diagrams and conceptual drawings in interior design.	3
14	Final Project.	3
15	Submission of final project & submission of portfolio.	3
Total		45



## D. Students Assessment Activities

No.	Assessment Activities*	Assessment Timing (in Week No.)	Percentage of Total Assessment Score
1	Project Assessment (Rubric)	10 <sup>th</sup>	10%
2	Homework	5 <sup>th</sup> – 7 <sup>th</sup>	10%
3	Practical Assessment (Rubric)	9 <sup>th</sup>	10%
4	Midterm	8 <sup>th</sup>	25%
5	Student Portfolio	15 <sup>th</sup>	45%
			<b>100%</b>

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)





## E. Learning Resources and Facilities

### 1. References and Learning Resources

<b>Essential References</b>	<ul style="list-style-type: none"> <li>- Ernest Neufert, Architects' data, 2nded, New York 1980.</li> <li>- Time- saver, Standards for building types 1 2nded, Joseph de cheara, Jone han cock callender , 1980.</li> <li>- 101 Things I Learned in Architecture by Mathew Frederick.</li> <li>- BLDGBLOG Book by Geoff Manaugh.</li> <li>- Architecture: Form, Space, and Order, 4th Edition.</li> <li>- A10 - new European architecture.</li> <li>- Architect, a U.S. architecture magazine with focus on design, practice and technology.</li> </ul>
<b>Supportive References</b>	<ul style="list-style-type: none"> <li>- Complexity and Contradiction in Architecture, Robert Venturi.</li> <li>- Learning From Las Vegas, Robert Venturi and Denise Scott Brown.</li> <li>- The Architecture of the City, Aldo Rossi.</li> </ul>
<b>Electronic Materials</b>	<ul style="list-style-type: none"> <li>- <a href="http://www.architonic.com/nttre/architecture/7030001/1">http://www.architonic.com/nttre/architecture/7030001/1</a></li> <li>- <a href="http://www.contemporist.com">www.contemporist.com</a></li> <li>- <a href="http://bldgblog.blogspot.com/">http://bldgblog.blogspot.com/</a></li> </ul>
<b>Other Learning Materials</b>	<ul style="list-style-type: none"> <li>- SketchUp.</li> <li>- Revit Architecture.</li> <li>- AutoCAD Architecture.</li> <li>- ArchiCAD.</li> </ul>

### 2. Required Facilities and Equipment

Items	Resources
<b>Facilities</b> (Classrooms, Laboratories, Exhibition Rooms, Simulation Rooms, etc.)	Lecture Hall, Studio Hall.
<b>Technology Equipment</b> (Projector, Smart Board, Software)	Projector.
<b>Other Equipment</b> (Depending on the nature of the specialty)	Architecture tools for each student.

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Peer Reviewer	Direct (peer classroom observation according to the approved Rubric)
Effectiveness of students' assessment	Faculty/Instructor	Direct (analysis of CLOs assessment results and grade distributions)
Quality of learning resources	Students	Indirect (course evaluation survey)
The extent to which CLOs have been achieved	Faculty/Instructor	Direct (CLOs assessment and analysis of results according to CLOs targets)
	Students	Indirect (Students through course evaluation survey)
Commitment to learning and teaching strategies and assessment methods included in the program and course specifications	Peer Reviewer	Direct (Peer- classroom observation according to the approved Rubric in OC-QMS)
	Department Chair through Students Focus Groups	Indirect (Chair – survey questions to a focus group of students according to OC QMS)
Action Plan Continuity (Closing the Loop)	QAC (Quality Assurance Committee)	Direct (periodic review of course reports and submitting comments to course instructor/coordinator)
Instructor's Support to Students	Students	Indirect (course evaluation survey)

**Assessor** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)





## G. Specification Approval Data

<b>COUNCIL /COMMITTEE</b>	Department of Architecture Council
<b>REFERENCE NO.</b>	11
<b>DATE</b>	2023-05-09

Learning outcomes of this course, as well as CLOs/Teaching Strategies/Assessment Methods matrix have been evaluated and reviewed by multiple OC parties according to OC-QMS. You can access results of these final reviews by scanning the QR code on the right, which contains a link to the reviews on OC-E-QMS.



[Click Here](#)