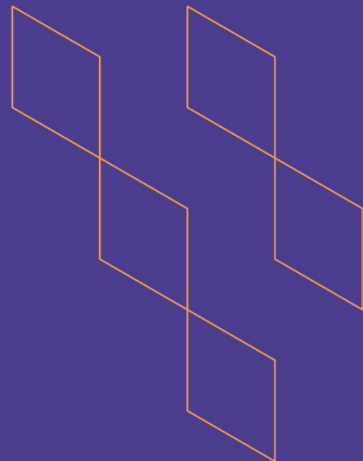T-104
2022

Course Specification

Course Title: Computer Aided Presentation (1) (الإظهار بالحاسب)

Course Code: IND 543

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/1w30T2r0_hfZzMrIZDTMRodWiRuxknpk1/view

Table of Contents:

A. General information about the course:

Course Identification

1. Credit hours: 3 Credit Hours [1 Theoretical + 2 Practical]

2. Course type

a.	University ☐	College ☐	Department ☒	Track ☐	Others ☐
b.	Required ☒	Elective ☐			

3. Level/year at which this course is offered: Fifth Level / Third Year

4. Course general Description

This course introduces interior design students to the fundamental principles and techniques of digital presentation using professional computer-aided software. It focuses on developing effective visual communication skills through the creation of presentation boards, illustrations, conceptual diagrams, and digital narratives. Students will gain proficiency in tools such as Adobe Photoshop, Illustrator, and InDesign, as well as supplementary platforms like Canva and Figma, to manipulate images, integrate text and graphics, and create visually cohesive layouts. The course includes post-processing techniques for architectural drawings, annotation of floor plans and elevations, and the integration of 3D render outputs into standardized templates. Emphasis is placed on layout composition, graphic hierarchy, typographic accuracy, and aesthetic refinement in alignment with industry standards, preparing students to confidently present their design work in both academic and professional contexts.

5. Pre-requirements for this course (if any):

CSC 105, CSC 111, IND 341, IND 442.

6. Co- requirements for this course (if any):

None

7. Course Main Objective(s)

This course aims to equip interior design students with essential digital presentation skills by developing their proficiency in using professional computer-aided design communication tools. The course emphasizes the ability to translate design concepts into visually compelling digital presentations that align with industry standards. Students will apply graphic design principles—such as layout composition, hierarchy, and visual balance—while mastering tools such as Adobe Photoshop, Illustrator, InDesign, Canva, and Figma. Through hands-on exercises, students will produce annotated floor plans, rendered perspectives, conceptual sketches, and portfolio-quality presentation boards. The course fosters creative expression, technical precision, and visual storytelling, preparing students to confidently present their design work in academic critiques, client meetings, and professional design portfolios.

1. Teaching mode

No.	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	75	100%
2	E-learning		
3	Hybrid • Traditional classroom		

No.	Mode of Instruction	Contact Hours	Percentage
	• E-learning		
4	Distance learning		

2. Contact Hours (based on the academic semester)

No.	Activity	Contact Hours
1	Lectures	15
2	Laboratory/Studio	60
3	Field	
4	Tutorial	
5	Others (specify)	
Total		**75**

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 543.C LO.K.1	Identify basic features of digital presentation software and recognize its role in communicating interior design concepts in relation to architectural and engineering standards.	K.1(التصميم برنامج Interior الداخلى Design)	Primary: Lecture Additional: Independent Study	Formative: Homework Summative: Student Portfolio
2.0	**Skills**			
IND 543.C LO.S.1	Generate digital interior design presentations and material-based solutions using software tools, with consideration for functional requirements, sustainability, and indoor environmental quality.	S.1(التصميم برنامج Interior الداخلى Design)	Primary: Interactive Lecture \ Demonstration Additional: Tutorial	Formative: Presentation (Individual or Group) (Rubric) Summative: Project Assessment (Rubric)
IND 543.C LO.S.2	Create professionally formatted interior design drawings, documents,	S.5(التصميم برنامج Interior الداخلى Design)	Primary: Project or Research (Individual or Group)	Formative: Project Assessment (Rubric) Summative: Student Portfolio

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	visualizations, and presentations using appropriate digital media and software tools.		Additional: Tutorial	
3.0	**Values, Autonomy, and Responsibility**			
IND 543.CLO.V.1	Participate actively in class discussions and collaborative interior design projects to support idea development and peer learning.	التصميم برنامج(V.1 الداخلى Interior Design)	Primary: Independent Study or Research Additional: Lab Work/Experiment	Formative: Observation (Instructor/ Students/ Committee) (Rubric) Summative: Student Portfolio

C. Course Content

No.	List of Topics	Contact Hours
1	<u>Introduction to Photoshop for Interior Designers:</u> - Interface overview: tools, panels, and workspace setup. - File formats, resolution (DPI), canvas size for print vs digital. - Overview of Photoshop applications in interior design.	5
2	<u>Working with Layers:</u> - Understanding layers, layer order, and opacity. - Grouping, locking, and naming layers. - Introduction to layer blending modes.	5
3	<u>Selection Tools and Cropping:</u> - Marquee, Lasso, and Magic Wand tools. - Using Quick Selection and Select Subject. - Cropping and resizing images for boards.	5
4	<u>Basic Image Editing and Adjustments:</u> - Brightness/Contrast, Levels, and Curves. - Hue/Saturation and Color Balance. - Non-destructive editing using Adjustment Layers.	5
5	<u>Transformations and Composition Techniques:</u> - Scale, rotate, distort, skew, and perspective. - Image composition for mood boards and collages. - Smart Objects vs rasterized layers.	5
6	<u>Masking and Layer Effects:</u> - Layer masks: what they are and how to use them. - Gradient masks and soft edge blending. - Drop shadows, glows, and layer styles.	5
7	<u>Retouching Tools for Interior Images:</u> - Clone Stamp, Healing Brush, and Patch Tool. - Removing unwanted objects and cleaning up scanned textures. - Smoothing and sharpening.	5
8	Mid Term Submission.	5
9	Typography in Photoshop: - Adding and editing text layers. - Typeface hierarchy: titles, subtitles, body. - Text styling, alignment, and readability.	5
10	<u>Working with Material and Texture Images:</u> - Creating material swatches and tillable textures.	5

	- Overlaying textures on 3D renders or floorplans. - Simulating finishes and surfaces (wood, marble, concrete).	
11	Floor Plans and Elevations Enhancement: - Importing and refining line drawings. - Adding fills, color zones, and shadows. - Highlighting key design elements.	5
12	Perspective Rendering Enhancement: - Adjusting lighting and shadow in render images. - Compositing people and entourage. - Simulating reflections and gloss finishes.	5
13	Concept Board Creation: - Layout planning and grid use. - Organizing concept images, materials, and text. - Creating a digital mood board in Photoshop.	5
14	Final Presentation Board Layout (Studio Project): - Designing a full board: title block, plans, renderings, text. - Visual hierarchy and consistency. - Print preparation and PDF export settings.	5
15	Final Presentation and Critique: - Presentation of final Photoshop boards. - Peer critique and group discussion. - Self-assessment and course wrap-up.	5
Total		**75**

D. Students Assessment Activities

No.	Assessment Activities*	Assessment Timing (in Week No.)	Percentage of Total Assessment Score
1	Student Portfolio (Final submission)	15th	15%
2	Project Assessment (Rubric) (Final submission)	15th	30%
3	Homework	2nd – 13th	35%
4	Presentation (Individual or Group) (Rubric)	10th	10%
5	Observation (Instructor/ Students/ Committee) (Rubric)	2nd – 13th	10%
			100%

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

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	- Photoshop: Master Adobe Photoshop in Less Than 3 Hours (Photoshop Elements, Photoshop Tutorials, Photo Editing Software), John Russ. - Photoshop® for Interior Designers: A Nonverbal Communication, 2013, Suining Ding, ISBN-13: 978-1609015442, ISBN-10: 1609015444.
Supportive References	None.
Electronic Materials	None.
Other Learning Materials	Photoshop Tutorials.

2. Required Facilities and Equipment

Items	Resources
Facilities (Classrooms, Laboratories, Exhibition Rooms, Simulation Rooms, etc.)	Lecture Hall, Computer Lab.
Technology Equipment (Projector, Smart Board, Software)	Smart Board or Multi-Media Projector with Desktop or Laptop Computer.
Other Equipment (Depending on the nature of the specialty)	Adobe Photoshop (Latest Version).

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

COUNCIL /COMMITTEE	Department of Architecture Council
REFERENCE NO.	11
DATE	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