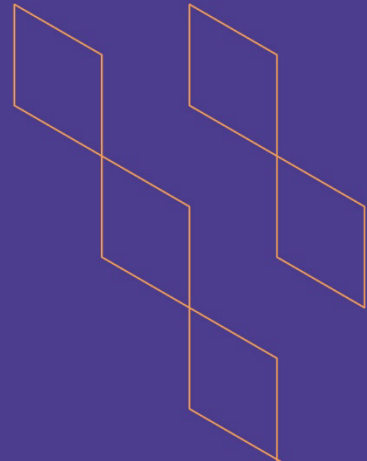T-104
2022

Course Specification

Course Title: Digital Photography (التصوير الرقمي)

Course Code: DES 786

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/1B4wfJYBce0QdyJsiCOOIgmgcf6HVNU8E/view

Table of Contents:

A. General information about the course:

Course Identification

1. Credit hours:	2 Credit Hours

2. Course type

a. University ☐   College ☐   Department ☒   Track ☐   Others ☐

b. Required ☐   Elective ☒

3. Level/year at which this course is offered:	Seventh Level / Fourth Year

4. Course general Description

This course introduces interior design students to the principles and techniques of digital photography, with a focus on its application in documenting and communicating interior design concepts. Students will learn how to operate digital cameras, manage exposure, white balance, aperture, shutter speed, and ISO settings, and use industry-standard editing software to enhance photographic output. Emphasis is placed on visual communication, spatial composition, perspective, and lighting strategies to support design presentation, portfolio development, and professional documentation. Through practical assignments, students will capture interior environments—highlighting material textures, spatial relationships, light effects, and design details. The course also explores photographic storytelling, enabling students to visually express design intent and quality. By combining technical proficiency with creative exploration, students gain the skills to produce high-quality imagery that supports analysis, research, and the presentation of interior design projects.

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

None

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

None

7. Course Main Objective(s)

This course aims to equip students with essential knowledge and practical skills in digital photography as applied to interior design. Students will learn the fundamentals of camera operation, composition, exposure, and lighting to accurately document and visually represent interior spaces. Emphasis is placed on using photography as a powerful tool for visual communication, creative expression, and professional design presentation. The course also introduces post-processing techniques using industry-standard editing software to enhance image quality and effectively convey design intent. Through hands-on practice, critical analysis, and portfolio development, students will refine their ability to produce compelling photographic content that supports the documentation, storytelling, and communication of interior design projects.

1. Teaching mode

No.	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	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	30
2	Laboratory/Studio	
3	Field	
4	Tutorial	
5	Others (specify)	
Total		**30**

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**			
DES 786.C LO.K.1	Define fundamental photographic concepts and describe the historical development of photography as a visual tool in interior design	K.2(برنامج التصميم الداخلى Interior Design)	Primary: Lecture Additional: Research (Individual or Group)	Formative: Homework Summative: Student Portfolio
DES 786.C LO.K.2	Identify the different parts and functions of a camera, with an emphasis on digital cameras used in interior design documentation	K.2(برنامج التصميم الداخلى Interior Design)	Primary: Lecture Additional: Video	Formative: Homework Summative: Student Portfolio
DES 786.C LO.K.3	Explain the importance of photography in interior design communication and presentation, emphasizing key photographic principles	K.2(برنامج التصميم الداخلى Interior Design)	Primary: Discussion (or similar active learning strategies \ F2F or Online) Additional: Independent Study	Formative: Homework Summative: Student Portfolio
2.0	**Skills**			

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
DES 786.C LO.S.1	Produce photographic documentation of interior design objects and materials through practical application and guided critique	التصميم برنامج(S.1 الداخلى Interior Design)	Primary: Discussion (or similar active learning strategies) Additional: Interactive Lecture \ Demonstration	Formative: Case Study (Individual or Group) (Rubric) Summative: Project Assessment (Rubric)
DES 786.C LO.S.2	Develop technical photography skills by applying digital camera functions and techniques to document interior design elements effectively	التصميم برنامج(S.1 الداخلى Interior Design)	Primary: Interactive Lecture \ Demonstration Additional: Case Study (Individual or Group)	Formative: Observation (Instructor/ Students/ Committee) (Rubric) Summative: Project Assessment (Rubric)
DES 786.C LO.S.3	Apply graphic design techniques using computer software to visually represent interior design elements and materials	التصميم برنامج(S.1 الداخلى Interior Design)	Primary: Interactive Lecture \ Demonstration Additional: Lab Work/Experiment	Formative: Presentation (Individual or Group) (Rubric) Summative: Project Assessment (Rubric)
DES 786.C LO.S.4	Create indoor and outdoor photographic compositions using digital camera techniques and visual effects to	التصميم برنامج(S.5 الداخلى Interior Design)	Primary: Project or Research (Individual or Group) Additional: Tutorial	Formative: Project Assessment (Rubric) Summative: Student Portfolio

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	support interior design presentation			
DES 786.C LO.S.5	Design photographic compositions using single and multiple light sources by effectively mixing natural and artificial lighting in digital photography	S.5(التصميم برنامج) Interior الداخلى Design)	Primary: Interactive Lecture \ Demonstration Additional: Presentations (Individual or Group)	Formative: Case Study (Individual or Group) (Rubric) Summative: Presentation (Individual or Group) (Rubric)
DES 786.C LO.S.6	Operate the different parts of a digital camera and apply their functions through practical photography techniques in interior design documentation	S.5(التصميم برنامج) Interior الداخلى Design)	Primary: Group Work (competitive or cooperative / Online or F2F) Additional: Discussion (or similar active learning strategies)	Formative: Observation (Instructor/ Students/ Committee) (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	Introduction to Photography in Interior Design: - Role of photography in documenting and presenting interior spaces. - Overview of camera types and photography styles.	2
2	History and Evolution of Photography: - Key milestones in photographic history. - Transition from film to digital photography.	2
3	Understanding the Digital Camera: - Parts of a digital camera and their functions. - Types of lenses and their applications in interior photography.	2
4	Camera Settings and Manual Controls: - ISO, shutter speed, aperture, and white balance. - Relationship between exposure settings (exposure triangle).	2
5	Composition in Interior Photography: - Rule of thirds, framing, leading lines. - Balance, symmetry, and perspective in photographing interiors.	2
6	Lighting in Photography: - Types of light: natural, artificial, ambient, directional. - Controlling light for mood and clarity in interior spaces.	2
7	Mixing Light Sources: - Using natural and artificial light in combination. - Light temperature, shadows, and reflectors.	2
8	Midterm.	2
9	Indoor Photography Techniques: - Shooting in confined or low-light spaces. - Capturing material textures, surfaces, and spatial depth.	2
10	Outdoor and Contextual Photography: - Photographing building exteriors and site context. - Integrating natural elements into visual documentation.	2
11	Styling and Staging Interiors for Photography: - Arrangement of furniture and accessories for visual balance. - Highlighting design features for client or portfolio use.	2
12	Basic Photo Editing and Post-Processing: - Introduction to editing software (e.g., Adobe Lightroom/ Photoshop).	2

	- Cropping, color correction, exposure adjustment.	
13	File Management and Output: - File formats (RAW vs. JPEG), resolution, and print settings. - Naming conventions and exporting for presentations.	2
14	Storytelling through Photography: - Creating visual narratives of design projects. - Sequencing and selecting photos for presentations or portfolios.	2
15	Final Project Presentation and Critique: - Student presentations of photography projects. - Peer review and instructor feedback.	2
Total		**30**

D. Students Assessment Activities

No.	Assessment Activities*	Assessment Timing (in Week No.)	Percentage of Total Assessment Score
1	Homework	2nd	5%
2	Presentation (Individual or Group) (Rubric)	11th	5%
3	Observation (Instructor/ Students/ Committee) (Rubric)	7th	5%
4	Project Assessment (Rubric)	13th	10%
5	Case Study (Individual or Group) (Rubric)	10th	5%
6	Midterm	8th - 10th	25%
7	Student Portfolio	15th	45%
			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	- Gregory Georges. 50 Fast Digital photo techniques Paperback. July 2001 - Peter K. Burian, Mastering Digital and Imaging Paperback. February 2004. - Digital photography masterclass (advanced techniques for creating perfect pictures). - Photography 2nd edition. - The digital photography book.
Supportive References	None.
Electronic Materials	None.
Other Learning Materials	None.

2. Required Facilities and Equipment

Items	Resources
Facilities (Classrooms, Laboratories, Exhibition Rooms, Simulation Rooms, etc.)	Lecture Hall, Studio Hall, Classroom, Computer Lab.
Technology Equipment (Projector, Smart Board, Software)	Computers, Printers, Scanners, Data Show, Smart Board, Applications Software.
Other Equipment (Depending on the nature of the specialty)	None.

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)
The extent to which CLOs have been achieved	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)
Commitment to learning and teaching strategies and assessment methods included in the program and course specifications	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.

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