



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor of Interior Design

Level: UG

Branch: BID

Course / Subject Code : 2X55110

Course / Subject Name : Photography

w. e. f. Academic Year:	2024 - 2025
Semester:	5
Category of the Course:	Elective

Prerequisite: To gain knowledge of basic photography techniques, such as composition, exposure, and the use of different lenses, is beneficial. Familiarity with post-processing software, like Adobe Photoshop and Light room, helps in enhancing and refining photographs

Rationale:	This course familiarizes with the equipment, processes, and procedures necessary for the photography of building exteriors and interior spaces
-------------------	--

Teaching and Examination Scheme:

Teaching Scheme (in Hours)			Total Credits L+T+ (PR/2)	Assessment Pattern and Marks				Total Marks
L	T	PR	C	Theory		Tutorial / Practical		
				ESE (E)	PA / CA (M)	PA/CA (I)	ESE (V)	
0	1	1	2	NA	50	NA	50	100

Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	Unit 1: Fundamentals of Photography Introduction to Photography: General introduction to the art of photography; Principles of Design and its Application in photography, Types of Cameras and Equipment: Types of cameras: DSLR, Mirror less, Point and Shoot etc., Parts of the camera, Basic Modes, Types of lenses and Applications, Filters and Accessories Basic Concepts: Exposure- Shutter speed, Aperture, ISO, Metering, Pixels, Resolution, Sensor size	08	25



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor of Interior Design

Level: UG

Branch: BID

Course / Subject Code : 2X55110

Course / Subject Name : Photography

	<p>Lighting Techniques: Lighting- Direction of lighting - front, side, back; shadows, texture, and effects of clouds; Types of artificial lighting, combined daylight and flash, Low light photography</p> <p>Colour Management: Colour balance, Reading histogram, White balance and Colour temperature.</p> <p>Perceptual Control: Effect of camera to subject distance, oblique angles, Depth of field and circle of confusion, Parallax Error</p> <p>Framing and Composition: Framing Views, Distortions, Composition, Light and Shades</p>		
2.	<p>Unit 2: Creative Photography Techniques</p> <p>Understanding light and photography: Direction of lighting - front, side, back, shadows, texture Light modification, psychological effects. Types of artificial lighting, combined daylight and flash.</p> <p>Architectural photography: Interiors and Exteriors, Object photography,</p> <p>Communicating ideas: Experimental manipulation and Photographic illustration. Double Exposure, Various trends in photography</p> <p>Composition Techniques: Finding Forms and Shapes, Elements and Principles of framing, Rules of composition, Aesthetic of framing and composition, Perceptual Control, Depth of field and centre of confusion</p>	08	25
3.	<p>Unit 3: Post production</p> <p>Introduction to post-production: software, RAW file editing, HDR Imaging,</p> <p>Adobe Photoshop and Light room: Retouching and colour correction, Printing Preparation</p> <p>Framing Views: Single point and two-point perspective- examples, distortions, emphasizing interior elements,</p> <p>Advanced Composition: Effect of camera to subject distance, oblique angles, three-point perspective- applications in interiors and -composition, symmetric</p>	08	25



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Bachelor of Interior Design

Level: UG

Branch: BID

Course / Subject Code : 2X55110

Course / Subject Name : Photography

	composition, applying the law of thirds - examples, image capture to publication.		
4.	Unit 4: Photographic investigation of a location and situation Photographic investigation of a location and situation. Assignments culminating in a small presentation investigating a case	08	25
	Total		100

Thrust / Projects:

- To enrich students' knowledge of context development for techniques, compositions, anthropometrics, scale, and proportions.
- To impart the skills of capturing aesthetically appealing and creative architectural photographs using appropriate cameras/ lenses and lighting conditions.

Reference Books:

1. New Product Shots-By Alex Lerg & Jane Wood
2. Lighting for Food & Drink-By Bavister
3. Practical Photography by Micheal Freeman-By Micheal Freeman
4. Magazines wide web
5. Magazines on Advertising

*- this is suggestive for common purpose. Faculty may decide on this, considering student group and institution philosophy.

* * * * *