

Subject Teacher : Shanta Islam (Instructor)
 Subject Name : Interior Graphics
 Subject Code : 68732
 Technology : Architecture & Interior Design Technology.
 Semester : 3rd
 BTEB Text Book Name : Interior Graphics (Publisher: Haque Prokashani)
 Reference Book Name : Architecture Form, Space & Order - Francis D.K. Ching.

Subject Aims:

- Develop knowledge, skill and attitude in the field of the graphical representation of architectural design & drafting.
- Creativity
- Elements of design.
- Principles of Design
- Proportion and scale
- Composition
- Color
- Rendering and presentation

Subject Outcome:

Creativity, creative process and theories, rhythm, emphasis, proportion, appearance, unity, variety, repetition, opposition, transition, form, shape & space, transformation of forms, balance, rule of thirds, scale and Proportion, golden section, composition, color, rendering and presentation.

Marks	Grade Point	Letter Grade	Marks	Grade Point	Letter Grade
80>	4.00	A+	55-59	2.75	B-
75-79	3.75	A	50-54	2.50	C+
70-74	3.50	A-	45-49	2.25	C
65-69	3.25	B+	40-44	2.00	D
60-64	3.00	B	0-39	0.00	F

Mark Distribution (for 150 Marks)			
Theory Marks		Practical Marks	
Midterm	10	PC	25
Class test	05	PF	25
Quiz test	05	-	-
Final	30	-	-
Total	50	Total	50

Class Timing Distribution	
Particulars	Time
Greeting with students	05 Minutes
Previous Class Review	05 Minutes
Present Class Topic Discussion and Lecture Delivery	30 Minutes
Present Class Topics Review	05 Minutes

Date	Lecture	Chapter/ Exam / Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
	01 (Practical class)	Chapter-01 Understand the Creativity in Architecture.	1.1 Define Creativity. 1.2 State creative thinking theories. 1.3 Mention different creative process. 1.1 Define Creativity. 1.2 Describe two	After the Class, Students will be able to: • Learning about the psychology of creativity in architecture.	Drafting Board, Pencil, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection Sound System

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			stages of creation. 1.3 Describe three points of working definition of creativity. 1.4 State creative thinking theories. 1.5 State creative process theories.		YouTube Link: https://www.youtube.com/watch?v=R2E9McZTEy0
	02 (Theory class)	Chapter-01 Understand the Creativity in Architecture.	1.6 Mention different creative process. 1.7 Explain the environment for creativity. 1.8 Mention the guidelines to encourage creativity	After the Class, Students will be able to: Learning about the psychology of creativity in architecture.	
	03 (Practical class)	Chapter-01 Prepare Origami.	1.1 Make an origami by paper. 1.2 Make origami by board/Transparent sheet.	After the Class, Students will be able to: Learning about how to make origami.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System YouTube Link: https://www.youtube.com/watch?v=pgel94Jri1M
	04 (Theory class)	Understand the Primary elements of Design.	2.1. Define Point, Line, Plane, Volume as a drawing element and its application. 2.2. Define Form, shape & space. 2.3. Describe the primary shapes i.e. circle, triangle & square and regular, irregular forms and platonic solids. 2.4. Describe the transformation of forms.	After the Class, Students will be able to: Know about design element in detail.	1.Basic class materials.

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			2.5. Describe the subtractive and additive forms. 2.6. Explain the centralized, linear, radial, clustered and grid forms.		
	05 (Practical Class)	Chapter-02 Prepare Origami. (Practical Class)	1.3 Make origami by stick. 1.4 Make an origami by composite materials.	After the Class, Students will be able to: Can make origami by using sticks.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System YouTube Link: https://www.youtube.com/watch?v=Wkwg8lZlmvQ
	06 (theory class)	Class Test - 1	Chapter 1 (Theory Based)	After the exam, Students will be able to: Implement the knowledge of creativity.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve. Exam khata
	07 (Practical class)	Composition with design elements	2.1 Make composition with design elements (dot,line,plane,volumn).	After the Class, Students will be able to: Learn about point, line, plane, form, shape and space..	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. YouTube Link: https://www.youtube.com/watch?v=uLXNzhGDVr8

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	08 (theory class)	Chapter -3 Understand the Primary elements of Design.	3.1 Explain the term rhythm, emphasis, proportion, appearance, unity, variety, repetition, opposition, transition etc. 3.2 Discuss the Emphasis factors in design. 3.3 Describe balance. 3.4 Discuss Rule of Thirds	After the Class, Students will be able to: . Gain ability to use transformation of forms.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. YouTube Link: https://www.youtube.com/watch?v=K3CnJFo3WB4
	09 (theory class)	Quiz Test - 1	Chapter 1 (Practical Based)	After the quiz test student will be able to justify himself\herself.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve. Exam khata
	10 (Practical Class)	Composition with design elements. (Practical Class)	2.2 Make composition with 2-dimensional geometric elements.. 2.3 Make composition with 3-dimensional(platonic solids) geometric elements.	After the Class, Students will be able to: - Gain the knowledge of elements of architectural composition. . Become familiar different types of composition	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link: https://www.youtube.com/watch?v=jCUcEJmZmWQ . https://www.youtube.com/watch?v=qcvN10apmw4

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	11 (theory class)	Chapter -3 Understand the Primary elements of Design.	3.4 Describe the transformation of forms. 3.5 Describe the subtractive and additive forms. 3.6 Explain the centralized, linear, radial, clustered and grid forms.	After the Class, Students will be able to: . Gain ability to use transformation of forms.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link:
	12 (Practical Class)	Chapter -2 composition with design elements.	2.4 Make composition of different objects with color	After the Class, Students will be able to: Become familiar with different component of architectural composition.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link: https://www.youtube.com/watch?v=BdqpJ2rDKw0
	13 (theory class)	Class Test -2	Chapter 3 (Theory Based)	After the exam Students will be able to: Can identify the use of transformation in design.	A Computer, Projector, Illustrator, Photoshop, required software. Exam khata
	14 (Practical Class)	Chapter -3 Form Transformation.	3.1 Make form transformation of block. 3.2 Make form transformation of cylinder	After the Class, Students will be able to: . Can make transformation of blocks and cylinders	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link: https://www.youtube.com/

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					watch?v=Lba4LRHHI8g
	15 (theory class)	Chapter -4 Understand the scale and Proportion.	4.1. Define the term scale in different sector (scale in measurement, scale in weight, scale in Architecture). 4.2. Describe different types of Scale use in Architectural drawing. 4.3. Discuss scale sense in Architecture and Interior space. 4.4 Define Proportion. 4.5 Describe Proportion in composition and form. 4.6 Describe Golden ratio and Golden section.	After the Class, Students will be able to: . Become familiar different types of composition	
	16 (Practical Class)	Chapter -3 Form Transformation	3.3 Make transformation of prism. 3.4 Make form transformation of pyramid.	After the class Students will be able to: Can identify the form transformation of pyramids.	Drafting Board, Set Square, Triangular Scale, Steel Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link: https://www.youtube.com/watch?v=TJcp13hAO3U
	17 (theory class)	Quiz Test - 2	Chapter 3 (Practical Based)	After the, exam Students will be able to: Practically using different types of colors	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve
	18 (Practical Class)	Review Class	Chapter 1 to Chapter 4 (Regarding students problem)	After the Class, Students will be able to: Problem Solving	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound

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					System.
	Mid Term			After the exam, Self-examine the depth of knowledge about chapter related all topics	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. Exam khata
	19	Architectural site visit.	It will help the student to develop their design consideration.		
	20 (Practical Class)	Prepare composition applying color concept	4.1 Prepare a color wheel and color charts. 4.2 Make composition with color tone.	After the class, Students will be able to: Can make color wheel..	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. YouTube Link: https://www.youtube.com/watch?v=BHHf1-dmco
	21 (theory class)	Chapter -5 Understand the necessity and importance of Composition.	5.1 Describe composition. 5.2 Describe types of composition. 5.3 Distinguish between different forms and composition. 5.4 Explain necessity of composition in Architectural design. 5.5 Describe composition in different media	After the Class, Students will be able to: Detail learning about composition.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. YouTube Link: https://www.youtube.com/watch?v=XB-W18NSJ4
	22 (practical class)	Chapter -4 Prepare	4.3 Make composition with color shade.	After the class, Students will be able to:	. Drafting Board, Set Square, Triangular Scale,

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		composition applying color concept. (Practical Class)	4.4 Make composition with color grade.	• . Can use shades in composition..	Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. YouTube Link: https://www.youtube.com/watch?v=Vq_FT8rJazE
	23 (theory class)	Class Test - 3	Chapter 5 (Theory Based)	After the Exam, Students will be able to: Can implement composition design.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve.
	24 (practical class)	Chapter -4 Prepare composition applying color concept	4.5 State pigment, tone and shade in color.	After the Class, Students will be able to: • Can understand the language of color.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link: https://www.youtube.com/watch?v=B7cOW5FZw64
	25 (theory class)	Chapter -6 Understand the necessity of Color in Architectural Design.	6.1 State the Color. 6.2 Discuss the necessity of color use in Architectural Design. 6.3 List the different types of color. 6.4 Describe value weight and warmth of color. 6.5 State pigment, tone and shade in color. 6.6 Describe the language of color. 6.7 Discuss of lights and its effects in interior environment.	After the Class, Students will be able to: • Can use color in design.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection, Sound System. YouTube Link: https://www.youtube.com/watch?v=L1CK9bE3H_s

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	26 (practical class)	Quiz Test - 3	Chapter 6 (Practical Based)	After the Class, Students will be able to: Can use color in drawing.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve.
	27 (theory class)	Understand the concept of rendering and presentation	7.1 Define rendering. 7.2 Describe the necessity and importance of rendering. 7.3 State the technique of rendering. 7.4 Describe the necessary material required for rendering. 7.4 Define shade, shadow and texture. 7.5 Describe the technique of shade and shadow	After the exam Students will be able to: - Learn in detail about rendering in architecture. - Can use shade, shadow and texture in sketch.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection ,Sound System. YouTube Link: https://www.youtube.com/watch?v=fkUHFpHEc-Q
	28 (Practical class)	Class Test- 4 Prepare render and presentation.	Chapter 6 (Theory Based) 5.1 Draw a two dimensional object and make rendering with pencil using texture. 5.2 Draw a three dimension step and apply shade, shadow.	After the exam , Students will be able to: Can use render in design.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Projector, Mobile with internet connection Sound System. YouTube Link: https://www.youtube.com/watch?v=3zJ1F2tXvPY
	29 (theory class)	Presentation documents of stair.	Slide presentation on the Architectural site visit	After the Class, 1. Communication and presentation skill will be developed.	PC and Projector
	30	Quiz Test -4	Chapter 7 (Practical Based)	After the Exam, Students will be	Drafting Board, Set Square,

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	(Practical class)			able to: Can use render technique in architectural drawing.	Triangular Scale, Steel Scale, French Curve
	31 (theory class)	Review class	Chapter 1 to Chapter 7 (Regarding students problem)	After the Class, Students will be able to: Problem solving	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System.
FINAL EXAM					