

Subject Teacher : Lima Akter (Jr. Instructor)
 Subject Name : Interior Construction-2
 Subject Code : 68753
 Technology : Architecture & Interior Design Technology.
 Semester : 5th
 BTEB Text Book Name : Interior Construction-2 (Publisher: Haque Prokashani)
 Reference Book Name : Interior construction and detailing for designers and Architect, David kent Ballast.

Subject Aims:

After completion of the course students will be able to:

- ❖ Understand the interior construction procedure.
- ❖ Learning about the construction procedure of living room.
- ❖ Can See the construction procedure of false ceiling.
- ❖ Learn how to prepare materials schedule, cost and development process.
- ❖ Understand To prepare construction documents of interior wall paneling.

Subject Outcome:

After Studying this subject student will know about (Theory based):

- Materials for floor, wall, cabinet and platform.
- components of a stair, bathroom, living room, dining.
- and other essential areas construction.
- interior construction.
- wall paneling.

Practical based:

- Prepare the construction documents of living room. Draw a flow diagram of a residence.
- Prepare the construction documents of dining room.
- the construction documents of bed room.

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	20	PC	25
Class test	10	PF	25
Quiz test	10	-	-
Final	60	-	-
Total	100	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

- Prepare a model of kitchen.
- the construction documents of toilet.
- the construction documents of stair.
- the construction documents of false ceiling.
- the construction documents of interior wall panelling.

Date	Lecture	Chapter/ Exam / Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
	01	Chapter-01 Understand the partition wall and wall finishes.	1.1 Define partition wall. 1.2 Describe the characteristics of interior partition. 1.3 Illustrate the details of metal stud and wooden partition. 1.4 Describe the ceramic tile wall paneling. 1.5 Describe the wood frame partition systems for sound control.	After the Class, Students will be able to: • Learn about different partition wall and its characteristics.	Drafting Board, Pencil, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=uZHcWUU-FbQ
	02 (Practical class)	Chapter-01 Understand the false ceiling.	1.1. Draw all necessary working drawings for construction of living room as per required scale. 1.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of quantity). 1.3. Prepare a work and finance schedule of the construction with man power.	After the Class, Students will be able to: • Can draw living room working drawing for construction and prepare rate schedule.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=GLImaRX5EgA
	03	Chapter-02 Understand the lighting fixture.	2.1 Define false ceilings. 2.2 Describe the false ceiling system. 2.3 Describe the function of false ceiling system. 2.4 Describe the different types of false	After the Class, Students will be able to: • Learn about false ceiling system and their	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link:

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			ceiling system. 2.5 List the materials used for false ceiling system.	function.wood.	https://www.youtube.com/watch?v=fy5TkZc1j24
	04	Class Test - 1	Examination Topic: Chapter 01 &02 Examination mark: 10 Passing Mark: 08	After the exam, Students will be able to: Implement the knowledge of partition wall and wall finishes.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve. Exam khata
	05 (Practical class)	Chapter-02 Prepare the construction documents of dining room.	2.1. Draw all necessary working drawings for construction of dining room as per required scale. 2.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of quantity). 2.3. Prepare a work and finance schedule of the construction with man power.	After the Class, Students will be able to: Can draw living room working drawing.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=63ilYxUDap8
	06	Chapter-03 Understand the lighting fixture	3.1 List the different types of lamp in general lighting purpose. 3.2 Describe minimum shade height. 3.3 Describe the residential balance lighting and down lighting.	After the Class, Students will be able to: Learning about different type of light, balance and down lighting of residential.	A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=qyc8PRIYfms
	07	Quiz Test-1	Examination Topic: Chapter 01 & 02 Examination mark: 10 Passing Mark: 08	After the quiz test student will be able to justify himself\herself.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System Exam khata

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	08	Chapter-03 Understand the lighting fixture.	3.4 Calculate the recommended lighting levels for office and industrial space. 3.5 Illustrate various types of lighting style.	After the Class, Students will be able to: Learning about lighting levels for office and industrial space.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=umDhJBfe1JU
	09 (practical class)	Chapter-03 Prepare the construction documents of bed room.	3.1. Draw all necessary working drawings for construction of bed room as per required scale. 3.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of quantity).	After the Class, Students will be able to: Can draw bed room working drawing and construction.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=ZwQWcgg076Y
	10	Chapter-04 Understand the wall cladding.	4.1 Describe the purpose of wall cladding. 4.2 Describe different types of wall cladding. 4.3 Illustrate diagrammatically the installation of aluminium composite cladding.	After the Class, Students will be able to: Learning about different type of wall cladding and their purpose.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=Zf3Q5KqGKvA
	11	Class Test -2	Examination Topic: Chapter 02 & 03 Examination mark: 10 Passing Mark: 08	After the exam Students will be able to: Learn details of false ceiling.	A Computer, Projector, Illustrator, Photoshop, required software.

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					Exam khata
	12	Chapter-05 Understand the construction procedure of living room.	5.1 Define the work list and schedule of the living room. 5.2 Describe the procedure of check condition and surroundings of living room and arrange Instruments and equipment for set-out lay-out of living room.	After the Class, Students will be able to: knowing about surrounding, setout, layout of living room.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=iqSt-7fRMb4
	13	Quiz Test-2	Examination Topic: Chapter 04 & 05 Examination mark: 10 Passing Mark: 08	After the exam Students will be able to: Can identify the drawing room materials and its rate.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System • Exam khata
	14 (practical class)	Chapter-03 Prepare the construction documents of bed room.	3.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of quantity). 3.3. Prepare a work and finance schedule of the construction with man power.	After the Class, Students will be able to: Can prepare a BOQ and finance schedule.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=gjcJ91kx3E8
	15	Chapter-05 Understand the construction procedure of living room.	5.3 Describe the procedure of establishment of the layout of living room at the site. 5.4 Describe the procedure of the concealed and surface work.	After the Class, Students will be able to: Learn about establishment of the living room layout and surface work.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=iqSt-7fRMb4
	16	Chapter-05	5.5 Describe the procedure of	After the Class, Students will be	Drafting Board, Set Square,

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		Understand the construction procedure of living room.	establishment of the checking the finishing work according to the design.	able to: Learn about establishment of the living room layout and surface work.	Triangular Scale, Steel Scale, French Curve, PC, Sound System
	17 (Practical class)	Chapter-04 Prepare a model of kitchen. (practical class)	4.1 for making a model of a kitchen as per required. Draw all necessary working drawings	After the Class, Students will be able to: Can draw kitchen working drawing.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=gKLQoO1tsK8
	18	Chapter-06 Prepare the construction documents of stair.	6.1. Draw all necessary working drawings for construction of stair as per required scale. 6.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of quantity).room.	After the Class, Learn about surrounding of dining room.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=0QmMPV4SWcc
	19 (Practical class)	Chapter-04 Prepare a model of kitchen.	4.2. Prepare a model making instruments such as pen, paper, knife, glue etc. 4.3. Make an interior model in 1:10 scale	After the exam, Students will be able to: know how to make kitchen interior model.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=MA-0XCh6O3s
	20	Chapter-06 Understand the construction procedure of Dining room.	6.3 Describe the procedure of establishment of the layout of dining room at the site. 6.4 Describe the procedure of the concealed and surface work.	After the Class, Students will be able to: Learn about construction procedure of dining room.	<i>Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System</i> YouTube Link: https://www.youtube.com

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					/watch?v=xBbSrLDPaM
	21	Chapter-06 Understand the construction procedure of Dining room.	6.5 Describe the procedure of hand over the site	After the Class, Students will be able to: Learn about construction procedure of dining room.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System
	22 (Practical class)	Presentation	Presentation on the mid-term selected project.	After the Class, Students will be able to: Commutation and presentation skill will be developed.	PC and Projector
	23 (Practical class)	Review Class	Regarding student problem.	After the Class, Students will be able to: Students will be able to solve their subjective all problem.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System.
Mid term					
	Architectural site visit.		It will help the student to develop their design consideration.		
	24	Chapter-07 Understand the construction	7.1 Define the work list and schedule of the bed room. 7.2 Describe the procedure of check condition and surroundings of bed room	After the Class, Students will be able to: Knowing about surrounding of bed room	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System

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		procedure of Bed room.	and arrange instruments and equipment for set-out lay-out of bed room.	and setout, layout of dining.	
	25	Chapter-07 Understand the construction procedure of Bed room.	7.3 Describe the procedure of establishment of the layout of bed room at the site. 7.4 Describe the procedure of the concealed and surface work.	After the Class, Students will be able to: Knowing about surrounding of bed room.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=vc4_5M1rhFg
	26 (Practical class)	Chapter-05 Prepare the construction documents of toilet. (practical class)	5.1. Draw all necessary working drawings for construction of toilet as per required scale.	After the Class, Students will be able to: Learn about toilet working drawing for construction.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=dKfQDiu0qhU
	27	Chapter-07 Understand the construction procedure of Bed room.	7.5 Describe the procedure of checking lighting condition before hand over the site	After the Class, Students will be able to: Solve their topics related problem.	
	28	Class Test - 3	Examination Topic: Chapter 06 & 07 Examination mark: 10 Passing Mark:	After the exam, Students will be able to: Learn about bed room layout establishment process.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System Exam khata
	29 (practical class)	Chapter-05 Prepare the construction	5.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of	After the Class, Students will be able to: Can prepare a BOQ and	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound

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		documents of toilet.	quantity). 5.3. Prepare a work and finance schedule of the construction with man power.	rate schedule for toilet construction.	System YouTube Link: https://www.youtube.com/watch?v=XzXHnpk_H6o
	30	Chapter-08 Understand the construction procedure of Bathroom/Toilet.	8.1 Define the work list and schedule of the toilet. 8.2 Describe the procedure of checking sanitary and plumbing line of the toilet. 8.3 Describe the procedure of establishment of the layout and specify the fixture point of toilet at the site.	After the Class, Students will be able to: Learn about toilet plumbing line and fixture point of toilet	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=dKfQDiu0qhU
	31	Chapter-06 Understand the construction procedure of Bathroom/Toilet	6.1 Insert an image, readjust by using transform, crop etc. 6.2 Create simple objects (line, rectangle, ellipse, polygon, text etc.). 6.3 Use stamp tool to match/ repair objects.	After the Class, Students will be able to: prepare the project to hand over the site.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=gqwAETNyTnE
	32	Chapter-06 Prepare the construction documents of stair.	6.1. Draw all necessary working drawings for construction of stair as per required scale. 6.2. Calculate all necessary materials use in the project from the drawings and prepare a BOQ (Bill of quantity). 6.3. Prepare a work and finance schedule	After the exam Students will be able to: Can draw a stair and prepare its finance schedule.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=XjqOoPMsYjM

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			of the construction with man power.		
	33	Class Test - 4	Examination Topic: Chapter 08 Examination mark: 10 Passing Mark: 08	After the exam Students will be able to: •Solve chapter based all topics and drawing.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System Exam khata
	34	Chapter-09 Understand the construction procedure of Staircase.	9.1 Define stair and lift. 9.2 Distinguish between stair and stair case. 9.3 Discuss about pent house. 9.4 Mention different types of stair. 9.5 Mention and discuss in details the components of a stair (trade, riser, handrail, baluster, Balustrade, nosing, Scotia block, open string, closed string, soffit, walking line, waist slab, Landing, flight, newel post, sunlight, headroom, machine room, lift pit, hoist way, lift cabin)	After the Class, Students will be able to: • Learn about stair and staircase. • Able to know the component of stair in details.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=RIDbtiemAnY YouTube Link: https://www.youtube.com/watch?v=28ZSYPM7-rY
	35	Quiz Test -4	Examination Topic: Chapter 09 Examination mark: 10 Passing Mark: 08	After the quiz test student will be able to justify himself\herself.	A Computer, Projector, Illustrator, Photoshop, required software. Exam Khata.
	36	Chapter-07 Prepare the construction documents of false	7.1. Draw all necessary working drawings for construction of false ceiling as per required scale. 7.2. Calculate all necessary materials use	After the Class, Students will be able to: • Learn about false ceiling working drawing and	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System

Date	Lecture	Chapter/ Exam / Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
		ceiling.	in the false ceiling project from the drawings and prepare a BOQ (Bill of quantity).	prepare BOQ.	YouTube Link: https://www.youtube.com/watch?v=RcBv0qka2m0
	37	Chapter-10 Understand the construction procedure of kitchen.	10.1 Define the work list and schedule of the kitchen. 10.2 Describe the procedure of check condition and surroundings of bed room and arrange instruments and equipment for set-out lay-out of kitchen. 10.3 Describe the procedure of establishment of the layout of kitchen at the site. 10.4 Describe the procedure of the concealed and surface work. 10.5 Describe the procedure of checking lighting condition before hand over the sit	After the Class, Students will be able to: Learn about kitchen construction procedure.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System YouTube Link: https://www.youtube.com/watch?v=b-f9V1niK_0
	38 (practical class)	Chapter-08 Prepare the construction documents of interior wall Panelling.	8.1. Draw all necessary working drawings for construction of wall panelling made of wood as per required scale. 8.2. Draw all necessary working drawings for construction of wall panelling made of board as per required scale. 8.3. Draw all necessary working drawings for construction of wall panelling made of aluminium composite panel (ACP) as per required scale.	After the Class, Students will be able to: Learn about different kind of wall panel.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System. YouTube Link: https://www.youtube.com/watch?v=9l3FcVZL44
	39	Chapter-11 Understand the	11.1 Define the work list and schedule of a bath room. 11.2 Describe the procedure of materials quantity and list.	After the Class, Students will be able to: Learn about total estimate of the bathroom works.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System

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		calculate procedure of materials cost and estimate used in interior construction.	11.3 Describe the procedure of estimate. 11.4 Describe the procedure of BOQ. 11.5 Describe the procedure of total estimate of the bath room works.		YouTube Link: https://www.youtube.com/watch?v=yhMPodo0oU0
	40 (Practical class)	Presentation	Presentation on 1 st Architectural site visit.	Communication and presentation skill will be developed with developing their interior design concept.	PC and Projector.
	41	Review class	Chapter 1 to Chapter 11 (Regarding students problem)	After the Class, Students will be able to solve their subjective all problem.	Drafting Board, Set Square, Triangular Scale, Steel Scale, French Curve, PC, Sound System
Final Exam					