

Government of the people's Republic of Bangladesh Affiliated

University of International Computer  
Administration Foundation Bangladesh



SYLLABUS FOR THE SHORT COURSE  
ON  
INTERIOR DESIGN

**Maintenance by**

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TOTAL DURATION: 360 HOURS

## Introduction:

Foundation Course of **Interior Design & Decoration** is going to introduce with state of the art technology. Technical Education Board of Bangladesh is offering fully technological methods of Interior Design program for the first time to produce professionally skilled Interior Designer with enhanced practical knowledge for career development.

These aspirations can be categorized into four main domains like:

- i) Personal Development
- ii) Social Development
- iii) Learning Skills
- iv) Professional Skills

This foundation course has been organized specially for the Bangladeshi peoples to face at any job placement country to upgrade their career and living standard. And for this special thanks to the Indiana State University, USA and Envision Institute of Design & Technology Bangladesh.

### Objectives:

- $\frac{3}{4}$  Personal Development Attitude
- $\frac{3}{4}$  Social Development Attitude
- $\frac{3}{4}$  Continued Learning Skills
- $\frac{3}{4}$  Life Long Learning Skills
- $\frac{3}{4}$  Professional Skills
- $\frac{3}{4}$  Technical Skills

### Curriculum Objectives:

To develop

- 9 Drawing Skill
- 9 Supervisory Skill
- 9 Decision Making Skill
- 9 Planning & Scheduling Skill
- 9 Investigating & Design Skill
- 9 Estimating/ Costing/ Tendering Skill

### Course Outline:

Name of Course	Duration of Course: 6 Months (120 Classes) Total 360 Hours	
Interior Design	100 Classes	05 Days Per Week Per Day 03 Hours

	Theory: 110 Hours Practice: 210 Hours	Theory: 60 min. per lesson Practice: 2 hours
English Communicative Course	20 Classes 40 Hours	05 Days Per Week Per Day 02 Hours
		Theory: 60 min. per lesson Practice: 60 min

1 st Month:	English	40 hours
2 nd to 6 th Month:	Theory	110 hours
	Practical	210 hours
	<b>Total:</b>	<b>360 hours</b>

### List of Competences:

#### Basic Competences:

- Communication Skills for Language Efficiency (Receive and respond, Participate and Lead to workplace communication: Explain routinely speaking & messages in a workplace. Follow routinely speaking & message)
- Work with others, Team Environment and Lead small Teams:
  - a) Develop effective workplace relationship
  - b) Contribute to work group activities
- Demonstrate work values, Practice career professionalism and Develop & Practice Negotiation skills:
  - a) Define the purpose of works
  - b) Apply work values/ethics
  - c) Deal with ethical problems
  - d) Maintain integrity of conduct in the workplace.
- Practice housekeeping procedures , Occupational health and safety procedure and Solve problems related to work Activities:
  - a) Sort and remove unnecessary items
  - b) Arrange items
  - c) Maintain work areas, Tools and equipments
  - d) Follow standardizes work process and procedures
  - e) Perform work spontaneously

™ Perform work duties following written notices.

™ Common Competences:

Perform Professional Practice Show Entrepreneurship Skill Apply knowledge and skill  
Project implementation Present ideas and concepts in Seminars

#### Core Competences:

- f Demonstrate Design Concept & Decoration
- f Show skill on Interior Design & Drawing
- f Inspect & record the requirements and Select Material
- f Use proper Tools & Equipments

## Contents: Interior Design of Theory

Course	Theory	Period	Hours
Trade Theory	<p>About Basic Design: Basic of Design Composition <b>To introduce with Drawings material:</b> Drawing sheet, Art paper. Tracing paper, Drafting Lead and pen by point. Measurement Scale, Tape, Triangular Scale, Parallel Bar, Geometrical Box.</p> <p><b>The Elements:</b> a. Line b. Form c. Texture d. Color e. Pattern f. Light.</p> <p><b>The Principles:</b> a. Balance b. Emphasis c. Rhythm d. Harmony e. Proportion <b>The Measurement:</b> a. Scale b. Triangular c. Convert d. Distance or Area</p>	10	10
	<p><b>Details of Architectural Functions:</b> Buildings concept and idea Types of Building Components of Building Design Loads, Foundation Masonry-Stone, Brick, Composite Masonry, Load Bearing Wall, Cavity Wall, Partition wall, floors, Door and window, Roof and roof covering, Steel work, Plastering, Pointing, Painting.</p>	20	20
	<p><b>Description O Structural Members:</b> Column, Beam, Roof, Lintel and Arches, Stairs.</p>	5	5
	<p><b>Concept of Lighting &amp; Electrification:</b> Natural Lighting: Day Light Factor, Recommended daylight factor for Interior, Calculation of the opening for natural lighting, Guideline for good Natural lighting. Artificial Lighting: Different Type of Lighting arrangements, Verify of Lamps, Lighting accessories, Protection Devices, Distribution of Lumen, Calculation of Lighting on requirements. Electrification: About wiring, Electrical Components, MDB, SDB, Switch, Volt. Air-Conditioning: About window type, Spilt type, Ceiling Mountain, Central, AC-BTU by space requirements.</p>	8	8
	<p>Plumbing: Sanitary Appliances-a. Wash Basin b. Sink c. Shower d. Urinals e. Bathtub f. Comet g. Water Closet Plumbing services, water distribution, Material service pipes, water meter, Valve, Over Head, Reservoir, Drainage, Pipe and Traps, Septic plans, Soak pit.</p>	5	5
	<p><b>Description of Interior Design:</b> History of Interior Design Interior Decoration as a Profession Importance of Professional Interior Designer. Modern Interior Design Features.</p>	10	10
	<p><b>Description of Furniture:</b> History of Furniture Material of Furniture Design of Furniture Color of Furniture</p>	8	8

Machineries equipments of Furniture Maintenance		
<b>Theory of Color Combination:</b> Color Wheel Color Scheme-1, Contrast color Scheme-2, Contrast color Scheme-3, All of its Definitions and Distribution.	7	7
<b>About False Ceiling:</b> Description of False ceiling, Type of False Ceiling, Gypsum Fabrication, Duplex Ceiling, Wooden Ceiling, Laminated with corner bit.	5	5
<b>Introduce with Equipments:</b> Furniture Equipments- Hand tools 1. Basic Hand tools, 2. Measuring Tools, 3. Cutting Tools, 4. Making Tools, 5. Testing Tools Tiles Equipments, False ceiling Equipments, Electrical equipments, Metal Furniture Equipments	5	5
<b>Details of Cost &amp; Estimate:</b> Ideas of material cost, concept of materials quantity and calculation, Project calculation, present of estimation.	3	3
<b>Exam</b>	01	04
		Total: 90 hrs

### Contents: Interior Design of Practical

Course	Practical	Period	Hours
Trade Practical	<b>Sketch &amp; Presentation Skill :</b> Preliminary Sketching on Point , Dot, Lettering, Pencil sketch, Shape, Organ gram	15	30
	<b>Introduction to Drawing:</b> How to Draw Square, Rectangle, Circle, Triangle, Octagon, Hexagon	8	16
	<b>Practice Layout and Plan:</b> Layout Plan Of Bedroom, Layout Plan Of Residence, Layout Plan of Office, Layout Plan of Shop,	8	16
	<b>Details Drawing of unit Furniture:</b> Details Drawing with plan and measurement on chair, Table, Bed, Showcase.	10	20
	<b>Draw Section &amp; Elevation :</b> Section and Elevation on Chair, Table, Bed, Showcase.	9	18
	<b>Perform Isometric &amp; Perspective View:</b> Drawing System of Isometric View, Details of Isometric View, Presentation of Isometric View, Drawing System of Perspective View, Details of Perspective View, Presentation of Perspective View	10	20
	<b>Presentation of Residential Project:</b> Complete Project with the Layout Plan Two Bed room, One Guest Room, Drawing cum Dining, Family living, Three Veranda, Kitchen, Wash Room.	09	18

	<b>Presentation of Official Project :</b> Complete Project with the Layout Plan- Front Desk with waiting, M.D\CEO Room, Managers Room, Executive Zone, Conference Room, Service Rooms.	09	18
	<b>Details Material Introducing :</b> Different Types of Board, Laminated, Gypsum, Veneer, Particle Concept about various type of Wood, False ceiling Materials, Floor Materials, Glass and Aluminum Fabrication materials, Sanitary appliance, Light, Carpet.	5	10
	<b>Workshop with Project Presentation:</b> Project Presentation on Residence Project Presentation on office Project Presentation on Hotel	5	10
	Exam	1	04
			Total: 210 Hrs

### Employment Opportunities:

The nature of the job function under different capacities is obtained through the Analyzing Report. These are described as follows.

No.	Designation	Job Functions
05	Interior Decorator	<ul style="list-style-type: none"> <li><i>f</i> Understanding Client's requirements</li> <li><i>f</i> Making Sketches, Schematic Layouts and Finalizing the Decorating Scheme</li> <li><i>f</i> Preparing Drawing &amp; Details</li> <li><i>f</i> Estimating and Quoting in Tender Format</li> <li><i>f</i> Coordinating the execution work</li> </ul>
02	Site Supervisor	<ul style="list-style-type: none"> <li><i>f</i> Supervising execution of Interior Design work</li> <li><i>f</i> Coordination of all site activities</li> <li><i>f</i> Procuring and showing samples</li> <li><i>f</i> Making measurements forms</li> <li><i>f</i> Lining out the furniture works</li> </ul>
03	Manager	<ul style="list-style-type: none"> <li><i>f</i> Managing office activities</li> <li><i>f</i> Understanding the contract conditions and other related formalities</li> <li><i>f</i> Coordinating the execution work including time scheduling</li> <li><i>f</i> Procuring materials and conducting quantity survey for contract management</li> <li><i>f</i> Communicating with clients.</li> </ul>
04	Designer/Planner Furniture	<ul style="list-style-type: none"> <li><i>f</i> Drafting of schematic, preliminary and working drawings of furniture</li> <li><i>f</i> Taking measurements on sites and preparing bills</li> </ul>
05	Marketing Executive	<ul style="list-style-type: none"> <li><i>f</i> Marketing materials or Interior Products</li> <li><i>f</i> Marketing specialized products related the industry</li> </ul>

## Equipments List:

- ¾ Class Room
- ¾ Table, Chair
- ¾ Parallel Bar
- ¾ Led Pencil
- ¾ Drafting Pen
- ¾ Measurement Scale, Tape
- ¾ Drawing Board
- ¾ “T” Squire
- ¾ Triangular Scale
- ¾ Computer Lab
- ¾ Computer Table & Chair
- ¾ Computer
- ¾ Whit Board
- ¾ Teaching Chair & Dias
- ¾ Art Paper, Trace Paper
- ¾ Drawing Round Folder

## Book Reference:

Sl. No.	Title	Author	Publication Details		
			Year	Publisher	Place
01	Time Saver Standard	J De Chiara	1991	Mc. Graw Hiill	New York
02	Building Construction	Sushil Kumar	1991	Van Norshtrund	New York
03	Interior Design	A A Zayed & R Asif	2008	Envision	Dhaka

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