

Government of Pakistan

National Vocational and Technical Training Commission

“Prime Minister’s Youth Skill Development Programme”



Course Contents / Lesson Plan

Course Title: Fundamentals of Interior Designing

Duration: 4 Weeks

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Course Title	Fundamental of Interior Designing
Objectives and Expectations	<p>Employable skills and hands-on practice in Fundamentals of Interior Designing</p> <p>This program is meticulously crafted to provide an in-depth exploration of interior design, equipping with the essential skills and knowledge to create stunning, functional spaces. Whether starting from scratch or looking to enhance existing skills, this course will guide through the intricacies of interior design.</p> <p>The main aim of a "Fundamentals of Interior Design" course is to provide students with a comprehensive understanding of the core principles of interior design and implementing while designing. The course typically covers several key areas:</p> <p>Understanding Design Principles: Grasp basic design principles such as balance, contrast, harmony, rhythm, scale, and proportion. Learn to apply these principles in various interior design projects.</p> <p>Knowledge of Color Theory: Understand the color wheel, color relationships, and psychological effects of color. Develop skills in creating color schemes that enhance interior spaces</p> <p>Spatial Planning: Master the concepts of space planning, including the efficient use of space. Learn to create functional and aesthetically pleasing layouts.</p> <p>Materials and Finishes: Gain knowledge about different materials and finishes used in interior design. Understand their properties, applications, and sustainability aspects</p> <p>Lighting Design: Understand the role of lighting in interior design. Learn to create lighting plans that complement and enhance the design.</p> <p>Furniture and Accessories: Learn about different styles of furniture and accessories. Understand how to select and arrange them to achieve desired design outcomes.</p> <p>Technical Skills: Develop technical drawing skills, including floor plans, elevations. Learn to use software (e.g., AutoCAD) for creating digital models and presentations.</p> <p>Client Communication: Develop skills to effectively communicate design concepts to clients. Learn to create mood boards, presentations, and design briefs.</p> <p><u>Main Expectations</u></p> <p>Active Participation: Engage actively in class discussions, workshops, and group</p>

projects. Participate in critiques and provide constructive feedback to peers.

Creative Thinking: Demonstrate creativity and innovation in design projects. Explore and experiment with different design ideas and solutions.

Attention to Detail: Show attention to detail in design work, from conceptualization to final execution. Ensure precision in technical drawings and design plans.

Continuous Learning: Stay updated with current trends and advancements in interior design. Show a willingness to learn from various sources, including books, magazines, and online platforms.

Professionalism: Exhibit professionalism in dealing with peers, instructors, and potential clients. Adhere to ethical standards and practices in interior design.

Critical Analysis: Cultivate the ability to critically analyze interior spaces. Evaluate designs based on functionality, aesthetics, and user experience.

Collaboration: Work effectively in teams to complete group projects. Respect diverse perspectives and contribute positively to team dynamics.

Problem-Solving: Approach design challenges with effective problem-solving strategies. Develop solutions that address both aesthetic and functional requirements.

Presentation Skills: Improve verbal and visual presentation skills. Be able to present design ideas clearly and convincingly to the class.

This course thus clearly goes beyond the domain of the traditional training practices in vogue and underscores an expectation that a market-centric approach will be adopted as the main driving force while delivering it.

Specially designed practical tasks to be performed by the trainees have been included in the **Annexure-I** to this document. The weekly distribution of tasks has also been indicated in the weekly lesson plan given in this document.

To maintain interest and motivation of the trainees throughout the course, modern techniques such as:

- Motivational Lectures
- Success Stories
- Case Studies

Motivational Lectures

The proposed methodology for the training under reference employs motivation as a tool. To inspire the trainees to utilize the training opportunity to the full and strive towards professional excellence. The impact of a successful motivational strategy is amongst others commonly visible in increased class participation ratios. It increases the trainees' willingness to be engaged on the practical tasks for a longer time without boredom and loss of interest.

Course-related motivational lectures online link is available in **Annexure-II**.

Entry-level of trainees	Intermediate and Graduate level.
Learning Outcomes of the course	By the end of this course, participants will be able to: <ul style="list-style-type: none"> • Understand the principles and elements of design • Identify and apply color theory principles while designing spaces. • Develop skills in spatial planning, visualization, and communication. • Identify and select appropriate materials and finishes for interior surfaces. • Demonstrate an understanding of lighting design principles and applications. • Communicate design ideas effectively through verbal and visual presentations. • Understand the basics of AutoCAD software and its applications in interior design.
Course Execution Plan	The total duration of the course: 1 month (4 Weeks) Class hours: 4 hours per day Theory: 20% Practical: 80% Weekly hours: 20 hours per week Total contact hours: 80 hours
Companies offering jobs in the respective trade	freelance websites (upwork, fiverr)
Job Opportunities	<ul style="list-style-type: none"> • Freelance design consultant • Color consultant • Space Planner • E-Designer
No of Students	25
Learning Place	Classroom / Lab
Instructional Resources	https://www.just.edu.jo/~arabed/assets/files/The-FundamentalsofInteriorDesign-ARCH593A.pdf https://static.sdcpublishations.com/pdfsamples/978-1-63057-339-3-1-cw77gw9lwo.pdf https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9806338/#:~:text=Those%20with%20high%20agreeableness%20preferred,to%20new%20experiences%20preferred%20green https://bigchill.com/inspiration/blog/10-shades-of-color-and-the-personality-types-behind-them

MODULES

Scheduled Weeks	Module Title	Days	Hours	Learning Units	Home Assignment
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Week 1	Introduction to Interior Design and Basic Concepts	Day 1	Hour 1-2	Overview of interior designing	<p>• Task 1</p> <p><i>Details may be seen at Annexure-I</i></p>
			Hour 3-4	Visualization and mood boards	
		Day 2	Hour 1-2	Elements of design	
			Hour 3-4	Principles of Design	
		Day 3	Hour 1-2	Colors fundamentals and techniques Color schemes	
			Hour 3-4	Interior design style and trends: <ul style="list-style-type: none"> • Modern • Contemporary 	
		Day 4	Hour 1-2	Color Psychology and Application	
			Hour 3-4	Effects of colors on human emotions and behavior	
		Day 5	Hour 1-2	Interior Design styles and trends <ul style="list-style-type: none"> • Industrial • Retro 	
			Hour 3-4	Interior design style and trends. <ul style="list-style-type: none"> • Bohemian • Minimalist 	
Week 2	Manual Drafting	Day 1	Hour 1-2	Drawing tools, materials and equipment. Scale & Dimensions	<p>• Task 2</p> <p><i>Details may be seen at Annexure-I</i></p>
			Hour 3-4	Understanding architectural drawings	
		Day 2	Hour 1-2	Introduction and Basic principles of space planning	
			Hour 3-4	Bedroom	

		Day 3	Hour 1-2	Kids Room	
			Hour 3-4	Kids Room	
		Day 4	Hour 1-2	Materials and finishes Accessories and Decorative Elements	
			Hour 3-4	Lighting Fundamentals	
		Day 5	Hour 1-2	Living Room	
			Hour 3-4	Living Room <ul style="list-style-type: none"> • Functionality • Design elements 	
Week 3	Introduction to 2D AutoCAD	Day 1	Hour 1-2	<ul style="list-style-type: none"> • Auto CAD interface and setting • Pre requisite for AutoCAD • Introduction to AutoCAD main menu • Object snap setting • Geometry (Lines, arc, circles, polyline, polygon and rectangles) 	<ul style="list-style-type: none"> • Task 3 <p><i>Details may be seen at <u>Annexure-I</u></i></p>
			Hour 3-4	<ul style="list-style-type: none"> • Practice AutoCAD tools • Practice to draw different shapes. 	
		Day 2	Hour 1-2	<ul style="list-style-type: none"> • Hatches and gradients • Join and explode command • Modifying (erase, move, copy, offset, trim, mirror, explode, • Dimensions 	
			Hour 3-4	<ul style="list-style-type: none"> • Text Tool • Setting of layers • Properties palette 	

		Day 3	Hour 1-2	<ul style="list-style-type: none"> • Offset command • Match property • Inserting images in AutoCAD file • Plotting and printing preferences 				
			Hour 3-4	<ul style="list-style-type: none"> • Insert Blocks • Scale Blocks 				
		Day 4	Hour 1-2	Practice to draw plans				
			Hour 3-4	Practice to draw plans				
		Day 5	Hour 1-2	Practice to draw plans				
			Hour 3-4	Practice to draw plans				
		Week 4	Final Project	Day 1		Hour 1-2	<ul style="list-style-type: none"> • Client interaction and practice • Client communication and understanding their needs • Developing client briefs and proposals 	<ul style="list-style-type: none"> • Task 4 <p><i>Details may be seen at Annexure-I</i></p>
						Hour 3-4	Research for final project. Prepare mood board and research board.	
				Day 2		Hour 1-2	Basic Layout design 2D AutoCAD drawings.	
						Hour 3-4	Furniture layout design 2D AutoCAD drawings.	
Day 3	Hour 1-2			Flooring Layout design 2D AutoCAD drawings.				
	Hour 3-4			Working Drawings				
Day 4	Hour 1-2			Prepare presentation for final project.				
	Hour 3-4			Prepare presentation for final project.				

		Day 5	Hour 1-2	Students present their final projects	
			Hour 3-4	Guidance on next steps and further education/career paths in interior design	

S.No	Items	Quantity
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Material Required

1	Graph sheet (inches)	30
2	Architectural Drafting sheets	30
3	Vellum (Tracing Paper)	30
4	Architectural scales	25
5	Eraser	25
6	Alcoholic Markers set	25
7	Paint brushes sets (flat tip)	10
8	Paint brushes sets (round tip)	10
9	Poster Paints (red, blue, yellow, white, black)	5 for each color
10	Pencils	3 box
11	Scholar Sheets	27
12	Plain page (A4 size)	1 Rim
13	Clutch pencils	25
14	Leads for clutch pencils (0.5 mm)	5
15	Drawing pens (0.2)	25
16	Color Pointers (pink, orange, green, red)	5 for each color
17	Architectural measuring tape (5M X 16Ft)	10
18	Software AutoCAD 2024 Operating System: 64-bit Windows 11 or 10 version 1809 or above Processor: 2.5 GHz (3+ GHz recommended), ARM processors not supported Memory: 8 GB (32GB recommended)	

Tasks for Certificate in Fundamentals of Interior Designing

Description	Week
Apply color psychology principles to create a harmonious and functional interior design.	Week 1
Create Your own Room Layout showing bubble plan, furniture and circulation layouts.	Week 2
Draft 2d floor plans using AutoCAD	Week 3
Final Presentation and Feedback	Week 4

Motivational Lectures Fundamentals of Interior Designing

A true inspirational story of an interior designer

<https://www.youtube.com/watch?v=SiooKed1yvK>

How to select a skill and focus on your goals?

https://www.youtube.com/watch?v=znQF8pQAYG8&list=PLHi_NUJDIGWLMd76VKwFvmwu98hSB12sp&index=12

Online earning in Pakistan

https://www.youtube.com/watch?v=JIKZNi5fmrA&list=PLHi_NUJDIGWLMd76VKwFvmwu98hSB12sp&index=14

<https://www.youtube.com/watch?v=LRA5AYB5y2I>

https://www.youtube.com/watch?v=92lJDK7BCMq&list=PLHi_NUJDIGWLMd76VKwFvmwu98hSB12sp&index=11

<https://www.youtube.com/watch?v=51rnmBLtKvs>

https://www.youtube.com/watch?v=Hew_Jq2SrTI

<https://www.youtube.com/watch?v=HafskVLxDKI>

https://www.youtube.com/watch?v=mjh2zMwvdmI&list=PLN3m7hLxO1YT2C_ACWEMnPPG3LGvLLW5S&index=8

https://www.youtube.com/watch?v=4-DyvSsKt4k&list=PLN3m7hLxO1YT2C_ACWEMnPPG3LGvLLW5S&index=5

<https://www.youtube.com/watch?v=s-sdIPkMSOk&list=PLiyLgNGJ5yVijwU3vGacP9VIB0fWP84Ux>

<https://www.youtube.com/watch?v=cX-ja9zdBjg&list=PLPvFqLKC9w8wIxMvle6Vtuk8DCGITKvlo&index=14>

https://www.youtube.com/watch?v=DYI1hsYK_80&list=PLPvFqLKC9w8wIxMvle6Vtuk8DCGITKvlo&index=5

<https://www.youtube.com/watch?v=sCViynewfiI&list=PLPvFqLKC9w8wIxMvle6Vtuk8DCGITKvlo&index=13>

<https://www.youtube.com/watch?v=UxtDMcZoDQA&list=PLPvFqLKC9w8wIxMvle6Vtuk8DCGITKvlo&index=27>

<https://www.youtube.com/watch?v=-xyx36ijr0A&list=PLPvFqLKC9w8wIxMvle6Vtuk8DCGITKvlo&index=29>

<https://www.youtube.com/watch?v=HtvPOEcMspU>

<https://www.youtube.com/watch?v=CvzbJHv6rC8>

<https://www.youtube.com/watch?v=hO865EIE0p0&t=220s>

https://www.youtube.com/watch?v=qaLPI3_zg3M&list=PLrOFa8sDv6jd1MTs6yHopVZTujp7AV0i8&index=7

<https://www.youtube.com/watch?v=2cgIsSLCCUo>

<https://www.youtube.com/watch?v=wfbPjR2oS6w>

<https://www.youtube.com/watch?v=nanFPvETvQw>

<https://www.youtube.com/watch?v=2T9kjujUMhs&t=742s>

<https://www.youtube.com/watch?v=aNSNyJBK0VY>

https://www.youtube.com/watch?v=N_UHTgGFTX8

<https://www.youtube.com/watch?v=J8DGjUv-Vjc>

<https://www.youtube.com/watch?v=BOttMuEureY>

Workplace/Institute Ethics Guide

Work ethic is a standard of conduct and values for job performance. The modern definition of what constitutes good work ethics often varies. Different businesses have different expectations. Work ethic is a belief that hard work and diligence have a moral benefit and an inherent ability, virtue, or value to strengthen character and individual abilities. It is a set of values-centered on the importance of work and manifested by determination or desire to work hard.

The following ten work ethics are defined as essential for student success:

1. Attendance:

Be at work every day possible, plan your absences don't abuse leave time. Be punctual every day.

2. Character:

Honesty is the single most important factor having a direct bearing on the final success of an individual, corporation, or product. Complete assigned tasks correctly and promptly. Look to improve your skills.

3. Team Work:

The ability to get along with others including those you don't necessarily like. The ability to carry your weight and help others who are struggling. Recognize when to speak up with an idea and when to compromise by blend ideas together.

4. Appearance:

Dress for success set your best foot forward, personal hygiene, good manner, remember that the first impression of who you are can last a lifetime

5. Attitude:

Listen to suggestions and be positive, accept responsibility. If you make a mistake, admit it. Values workplace safety rules and precautions for personal and co-worker safety. Avoids unnecessary risks. Willing to learn new processes, systems, and procedures in light of changing responsibilities.

6. Productivity:

Do the work correctly, quality and timelines are prized. Get along with fellows, cooperation is the

key to productivity. Help out whenever asked, do extra without being asked. Take pride in your work, do things the best you know-how. Eagerly focuses energy on accomplishing tasks, also referred to as demonstrating ownership. Takes pride in work.

7. Organizational Skills:

Make an effort to improve, learn ways to better yourself. Time management; utilize time and resources to get the most out of both. Take an appropriate approach to social interactions at work. Maintains focus on work responsibilities.

8. Communication:

Written communication, being able to correctly write reports and memos.
Verbal communications, being able to communicate one on one or to a group.

9. Cooperation:

Follow institute rules and regulations, learn and follow expectations. Get along with fellows, cooperation is the key to productivity. Able to welcome and adapt to changing work situations and the application of new or different skills.

10. Respect:

Work hard, work to the best of your ability. Carry out orders, do what's asked the first time. Show respect, accept, and acknowledge an individual's talents and knowledge. Respects diversity in the workplace, including showing due respect for different perspectives, opinions, and suggestions.