**ARCHITECTURE DEPARTMENT**

**School of Architecture & Planning**

**University of Management & Technology Lahore**

Course Outline (on OBE)

## UMT’s Vision

## *Our Vision is... Learning*

It defines our existence, inspires all stakeholders associated with us, creates a powerful momentum inside, and responds to the challenges outside. It continues to evolve as present captures new realities and foresight to unfold new possibilities. All in an incessant attempt to help individuals and organizations discover their God-given potentials to achieve Ultimate Success actualizing the highest standards of efficiency, effectiveness, excellence, equity, trusteeship and sustainable development of global human society.

## UMT Mission

Our Mission is.... Leading

We aspire to become a learning institution and evolve as the LEADING COMMUNITY for the purpose of integrated development of the society by actualizing strategic partnership with stakeholders, harnessing leadership, generating useful knowledge, fostering enduring values, and projecting sustainable technologies and practices.

### Mission of the School

The mission of the School is to provide the best leadership in the fields of the built environment; particularly in the development, management and innovation in the fields of architecture, urban planning and related specializations and sub-specializations

### Mission of the Department

At the Department of Architecture our mission is to challenge the participants to develop their abilities in solving complex problems by thinking creatively & informed decision making as a core of their professional schooling. Offering them a diverse interdisciplinary and meticulous program of studies led by an adroit faculty in a comprehensive studios or class environment and preparing them for leadership roles in the field of Architecture, Construction, Landscape, Built Environment and community development.

Course code- **AR-329** Course title - **Interior Design**

|  |  |
| --- | --- |
| Program | B.ARCH |
| Credit Hours | 0+3 |
| Duration | 16 Weeks SPRING 2023 |
| Prerequisites |  |
| Resource Person | **SEC – A**  S. Alvina Fatima + Usman Bakhsh  **SEC – B**  Madiha Ghafoor + Najam-ul-Haq |
| Counseling Timing  (Room# ) |  |
| Contact | [alvina.fatima@umt.edu.pk](mailto:alvina.fatima@umt.edu.pk)  [madiha\_ghafoor@umt.edu.pk](mailto:madiha_ghafoor@umt.edu.pk) |

**Chairman/Director signature…………… Dean’s signature………………………**

**Date………………………………………….**

**Program educational objectives (PEO’s)**

**PEO-1:**

Able to interpret and elaborate architectural knowledge, communication, graphical and computer skills

**PEO- 2:**

Able to develop building and architectural plans through design coordination selecting suitable materials and construction techniques.

**PEO-3:**

Able to propose appropriate solution to complex building issues and adapt recent developments in architecture focusing on research, creativity and innovation.

**PEO-4:**

Able to maximize ethics by keeping spirit of discipline and respecting the professional codes and society.

**Program Learning outcomes PLO’s)**

Graduates of the B-Architecture at UMT are expected to have acquired and developed the following set of knowledge, skills and personality traits (these are also referred to as graduate attributes).

**PLO 1 Architectural Knowledge:** An ability to illustrate, architectural fundamentals through verbal and graphical Techniques

**PLO 2 Design Analysis and development:** An ability to identify literature and analyze architectural problems reaching substantiated conclusions to meet specified needs with appropriate societal and environmental consideration.

**PLO 3 Case study analysis:** An ability to analyze architectural issues in a methodical way including design, field surveys, interpretation of field data, and synthesis of information to derive valid conclusions.

**PLO 4 Digital Tool Usage:** An ability to create, select and apply appropriate techniques, resources, and modern architectural computer simulations, including prediction and modeling, to complex activities, with an understanding of the limitations.

**PLO 5 Environment and Sustainability:** An ability to propose sustainable solutions to environmental problems through architectural design thinking.

**PLO 6 Project Management:** An ability to demonstrate management skills and leadership qualities in individual and teamwork capacity.

**PLO 7 Design Coordination:** An ability to coordinate effectively across different sectors of construction industry. (Material suppliers, Electrical plumbing, HVAC and Civil works).

**PLO 8 Ethics and the society:** An ability to apply ethical principles and professional codes of the profession following the social norms to the best interest of the mankind.

**Course Learning outcomes (CLO’s)**

After studying this course, the students will be able to better understand:

1. Analyze interior design and space planning by doing case studies (C4).
2. Display the understanding of different styles of interior by showing mood board (P3).
3. Organize and arrange spaces and furniture in the interior for the occupants (P4).
4. Demonstrate the understanding of concept base design in interior (A3).
5. Displays the design idea in physical form by using different techniques of drawing including 3D views (P1).

|  |  |  |  |
| --- | --- | --- | --- |
| **CODE** | **NAME** | **CLO** | **CLO Type** |
| 329.1 | 329.C1 | Analyze interior design and space planning by doing case studies. | C4 |
| 329.2 | 329.C2 | Display the understanding of different styles of interior by showing mood board. | P3 |
| 329.3 | 329.C3 | Organize and arrange spaces and Furniture in the interior for the occupants. | P4 |
| 329.4 | 329.C4 | Demonstrate the understanding of concept base design in interior. | A3 |
| 329.5 | 329.C5 | Displays the design idea in physical form by using different techniques of drawing including 3D views. | P1 |

**Mapping of CLO’s to Program’s Learning outcomes(PLO’S)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **Course Code** | **Title** | **Course Learning outcomes** | **PLO 1: Architectural Knowledge** | **PLO 2: Design Analysis: & Development** | **PLO3: Case study analysis Design/Development of Solutions Design/Development of Solutions Design/Development of Solutions** | **PLO 4: Digital Tool Usage** | **PLO 5: Environment and Sustainability** | **PLO 6: Project Management** | **PLO 7: Design Coordination** | **PLO 8: Ethics** **and the society** |
| **6th** | **AR-329** | **Interior Design** | Analyze interior design and space planning by doing case studies (C4). |  |  | √ |  |  |  |  |  |
| Display the understanding of different styles of interior by showing mood board (P3). |  |  |  |  |  |  | √ |  |
| Organize and arrange spaces and Furniture in the interior for the occupants (P4). |  | √ |  |  |  |  |  |  |
| Demonstrate the understanding of concept base design in interior (A3). |  | √ |  |  |  |  |  |  |
|  |  |  | Displays the design idea in physical form by using different techniques of drawing including 3D views (P1). | √ |  |  |  |  |  |  |  |

**Learning Objective:**

Interior design takes training as well as talent, and these projects will give you the know-how you need to design a space from floor to ceiling. You'll delve into material trend, color, industry trends, spatial arrangements, floor plans, traditional and modern interior design ideas, and other basics. In addition, you'll explore a range of careers in interior design and get insider tips for entering this exciting field. Because interior design is constantly evolving, you'll also learn about some of the latest trends affecting the industry.

**Learning Methodology:**

Students will be required to partially or fully develop any TWO previous Design Studio Projects by focusing on issues related to Interior Design. To achieve this relevant information at each design development stage shall be given through lectures / internet links to facilitate the students.

**Requirement:**

1. Floor Plans showing appropriate Interior Space Layout Plans and space numbering
2. Interior Space Finishing Schedule
3. Floor Plan along with furniture plan and Reflected Ceiling Plans
4. Key Interior Sectional Elevation of selected spaces
5. Multiple 3-D Rendered Sketches( Isometric / one and two point perspective views)

**Weekly schedule**

The topics related to the subject are as follow:

|  |  |  |
| --- | --- | --- |
| **Week** | **Topics** | **Activities** |
| 1 | General introduction to the course contents and Interview of the interior designer, discuss design philosophy/concept followed by One to one Discussion  Intro. and Initiation of Project-1 | **Field trip 1**  **Designing Commercial Interiors**  Third Edition  Chiristine M. Piotrowski, Fasid,IIDA  Field trip 1 |
| 2 | Interior Design Of a house (residential building) and initiating Relevant Case Study.  **GUEST LECTURE** | Presentation and discussion  **Japan Style**  architecture + Interior + design  By Geeta Mehta |
| 3 | Study / Analysis / Presentation of Relevant Case studies international and local (Theme Oriented+ Project oriented)  Modifications/Improvements in the Floor Plans/Interior Furniture/Fixtures/Equipment Layout in the selected House Design.  Project. Preliminary Design Concept | Presentation and discussion  Field trip 2 |
| 4-5 | Interior Space Finishing Schedule / Implementation of Concept  Apply innovation and creative thinking in interior design.  Material Studies (Study and evaluation of existing space in terms of materials, Material Board)  **GUEST LECTURE** | Preparation and submission of assignment  **Architects's sketchbooks, 2011, 720.284 ARC.**  Field trip 3 |
| 6-7 | **Initiation of Preliminary Interior Design Development Phase - 1**   * Int. Elevations / Sections * Materials selection for space finishing * **Development of Interior 3D Sketches** - Multiple 3-D Rendered Sketches of Museum Exhibition Gallery as per discussed course integration meeting (Design project will be developed into 3d views and interior views, using one-point, two-point Perspective) | Preparation and submission of Project – 1 Final Submission  Field trip 4 |
| 8 | **MID TERM EXAM** | submission of Project I |
| 9-10 | Intro. Initiation and Development of Assignment / Project-2  Interior Design Of a selected Building and initiating Relevant Case Study – Site analysis  3D Model/3D views Apply color  effectively in all aspects of visual communication (presentations, drawings,  models, etc.)   * Presentation Techniques * Develop Different Architectural Drawings * Single line Plans * Flooring Plans * Ceiling Plans * Interior SECTIONAL Elevation * Multiple 3-D Rendered Sketches (Design project will be developed into * 3d views and interior views, using one-point, two-point Perspective) | Preparation and and discussion  **Designing Commercial Interiors**  Third Edition  Chiristine M. Piotrowski, Fasid,IIDA  Field trip 5  Field trip 6  Field trip 7 |
| 11-12 | •Flooring Plans  •Interior SECTIONAL Elevation | Discussion on development of work sheets  **Designing Commercial Interiors**  Third Edition  Chiristine M. Piotrowski, Fasid,IIDA |
| 13-14 | Multiple 3-D Rendered Sketches(Design project will be developed into 3d views and interior views, using one-point, two-point Perspective) | Discussion on development of work sheets  **Perspective drawing Gordon by Robert Philip, 2008 ,R 742 GOR-P.** |
| 15 | Submission Instructions:  Individual assignments / Projects shall be submitted and displayed for the jury in a properly designed and presentable Portfolio. | Submission |
| 16 | **FINAL EXAM**  Viva – Portfolio Review and Jury of Final Project | Jury |

## Guide lines for initiating Interior Design Development

* Students will be guided to first understand the objective of the assignment.
* Students will be guided about how to conduct research from books and internet.
* Students will be guided how to do the case studies. For Local and international level
* Students will be guided about how to develop concept, functional aspects space planning according to client and customer requirements.

**Materials used**

* Clients and customers requirements study report. Contextual analysis.
* Conceptual sketches
* Layout plan
* Proposed interior and furniture
* False ceiling, flooring, paneling front signage etc
* Perspectives

Assessment Percentages as per SAPs Practical **Course Assessment Grid:**

1. **Projects1 Assignment 5%**
2. **Mid Exam:25%**
3. **Project II Assignment 15% + Project II jury 15%**
4. **Final Jury 30%**
5. **Total: 100%**

**LIST OF BOOKS:**

1. **Text book** Space Planning for Commercial and Residential Interior by SAM Kubba PHD ------ Space planning
2. Freehand Drawing & discovery by James Richards, DK Ching ----------- Keys to drawings
3. Architects’ Drawings by Kendra Schank Smith ----------- Styles and Techniques
4. Interior Graphic standards second edition by Corky Binggeli Asid ------ Human factors
5. Interior Design by John F. Pile Second edition ----------- Chapter 5 (Process)
6. Interior Design by John F. Pile Second edition ----------- Chapter 12 (Furniture)
7. Colour in Art by John Gage, thames & Hudson world of Art ----------- Psychology of color Chapter 2
8. Interior Graphic standards second edition by Corky Binggeli Asid ------ Accessibility Standards
9. Interior Graphic standards second edition by Corky Binggeli Asid ------ Human factors
10. Interior Graphic standards second edition by Corky Binggeli Asid ------ Commercial spaces
11. Space planning basics by Mark Karlen Rob Framing 4th edition ----------- Chapter 5(important influencing factors, Acoustical, lighting, furniture, space planning
12. Interior Graphic & Design Standards by S.C. Reznikoff
13. Significant Interiors the American Institute of Architects ----------- Intelligent design
14. Interior Graphic & Design Standards ---------------- S.C. Reznikoff
15. A philosophy of Interior Design --------- Stanley Abercrombie
16. The Fundamentals of Interior Design ------------- Simon Dodsworth

**COURSE POLICIES**

**To ensure Fair evaluation of students it’s required:**

1. Participants must fall at a good standard of English (listing, writing, speaking and reading skills) as per Respected Dean and COD instructions (reference: methodology as English is medium of instruction). Participants must have a good body language in class participation as it is watched as an evidence of their confidence and learning as UMT aims at developing holistic personality of their participants.
2. Students must actively engage in the class discussions and design process while working throughout the semester.
3. Participants must attend class on time and have text books (notes), drawing tools and produce work in class.
4. Participate must participate in team work assignments such that all team members feel that each member has contributed equal effort in the final product.
5. They keep their work organized and documented.
6. Participants complete daily assignments and submit on time.
7. They inform the instructor before time if they are unable to attend a class for any reason.
8. **Field Trips**

Field trips may take place outside of our regularly scheduled studio hours. All students are required to attend field trips and may need to provide their own transportation to/from the field trip site.

1. **NO UNEXCUSED LATE PROJECT WILL BE ACCEPTED. LATE PROJECT WILL BE GIVEN A FAILING GRADE TO MAINTAIN DISCIPLINE**