**School of Architecture and planning**

**University of Management and technology**

**Course Outline (on OBE)**

**Bachelor of Interior Architecture**

**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 - Course title - **Drawing & Graphics-I**

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| --- | --- |
| **Program** | BS-INTERIOR ARCHITECTURE |
| **Credit Hours** | 0+2 |
| **Duration** | 15 Weeks + Examination |
| **Prerequisites** | None |
| **Resource Person** |  |
| **Counseling Timing (Room# )** | As per timetable |
| **Contact** |  |

**Chairman/Director signature………………………………….**

**Dean’s signature…………………………… Date………………………………………….**

**Program Educational Objectives (PEOs):**

**PEO-1**: Able to interpret and elaborate on design knowledge effectively utilizing communication, graphical, and computer skills to convey design content comprehensively.

**PEO-2**: Possess strong analytical skills and ability to evaluate design challenges critically, proposing innovative solutions that address functional, aesthetic, and contextual considerations.

**PEO-3**: Able to apply principles of interior architecture in professional settings, showcasing creativity, technical proficiency, and adherence to ethical standards.

**Program Learning outcomes (PLOs)**

**PLO 1:** Design Fundamentals: Develop the ability to conceive and execute innovative and aesthetically pleasing interior spaces that meet both functional requirements and artistic standards.

**PLO 2:** Design Development and Analysis: Integrate knowledge from various disciplines to analyze complex design problems and demonstrate proficiency in conceptualizing and developing design solutions through various stages.

**PLO 3:** Technical and Technological Competence: Acquire a comprehensive understanding of construction methods, materials, and building systems coupled with expertise in utilizing industry-standard software and tools for design, drafting, modeling, and rendering, to produce precise and detailed technical drawings and specifications.

**PLO 4**: Effective Communication and Visual Representation: Enhance ability in expressing design concepts and solutions through verbal and written communication, while adeptly employing visual representation tools like sketches, renderings, and digital models.

**PLO 5:** Sustainability and Environmental Responsibility: Demonstrate a commitment to sustainable design practices by understanding and applying principles of environmental stewardship, energy efficiency, and resource conservation in interior architecture projects.

**PLO 6:** Professional Readiness: Prepare for professional practice in interior architecture by imparting knowledge of ethical, legal, and business aspects, while fostering skills in project management, client communication, collaboration with other design professionals, and adherence to industry standards.

**Course Description**:

Drawing Techniques-I is an introductory course designed to develop fundamental drawing skills and techniques. Students will explore various drawing materials and methods, focusing on observation, representation, and expression. The course aims to build a strong foundation in drawing that will be essential for further study in visual arts.

**Course learning outcomes (CLOs)**

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

1. Develop observational drawing skills.
2. Understand and apply basic drawing techniques and materials.
3. Learn principles of composition, perspective, and shading.
4. Experiment with different drawing mediums.
5. Build confidence in personal artistic expression.

**Mapping of CLOs to Program’s Learning Outcomes (PLOS)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **Course Code** | **Title** | **Course Learning outcomes** | **PLO 1: Design Knowledge** | **PLO 2: Design Analysis and development** | **PLO3: Design Tools and technologies** | **PLO 4: Communication Skills** | **PLO 5** **Ethical, cultural, and sustainable principles** | **PLO 6: Project Management** |
| **1ST** | **???** | **Drawing & Graphics-I** | Develop observational drawing skills. |  | √ |  |  |  |  |
| Understand and apply basic drawing techniques and materials. |  |  |  | √ |  |  |
| Learn principles of composition, perspective, and shading. | √ |  |  |  |  |  |
| Experiment with different drawing mediums. |  |  |  | √ |  |  |
|  |  |  | Build confidence in personal artistic expression. |  |  |  | √ |  |  |

**Required Texts**:

1. Edwards, B. (2012). **Drawing on the Right Side of the Brain**. Tarcher/Putnam.
2. Nicolaides, K. (1990). **The Natural Way to Draw: A Working Plan for Art Study**. Mariner Books.
3. Dodson, B. (1990). **Keys to Drawing**. North Light Books.
4. Goldstein, N. (2005). **Drawing to See**. Pearson.
5. Gury, A. (2009). **Foundations of Drawing: A Practical Guide to Art History, Tools, Techniques, and Styles**. Watson-Guptill.

**Calendar of Course contents to be covered during semester**

## **Course Code: Course Title: Drawing & Graphics-I**

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| --- | --- | --- | --- |
| **Week** | **Course Contents** | **CLO** | **Reference Chapter(s)** |
| 1 | **Introduction to Drawing**  Topics: Overview of the course, importance of drawing, basic materials.  Tasks:  Attend lecture and participate in class discussions.  Complete a simple still life drawing using graphite pencils.  Write a one-page reflection on your initial thoughts and experiences with drawing. |  | Introduction from Drawing on the Right Side of the Brain. |
| 2 | **Observational Drawing**  Topics: Seeing vs. looking, drawing from life, contour drawing.  Tasks:  Practice blind contour drawings of your hand and everyday objects.  Submit five contour drawings for review. |  | Chapter 1 of Drawing on the Right Side of the Brain. |
| 3 | **Line and Shape**  Topics: Line quality, geometric and organic shapes, negative space.  Tasks:  Create a series of drawings focusing on different line qualities.  Draw a composition emphasizing negative space. |  | Chapter 2 of Drawing on the Right Side of the Brain. |
| 4 | **Perspective Basics**  Introduction to one-point and two-point perspective, horizon line, vanishing points.  Tasks:  Draw simple geometric forms in one-point and two-point perspective.  Submit perspective drawings for feedback. |  | Chapter 3 of Keys to Drawing. |
| 5 | **Light and Shadow**  Topics: Understanding light sources, shading techniques, creating volume.  Tasks:  Draw a series of spheres using different shading techniques (hatching, cross-hatching, stippling).  Complete a shaded still life drawing. |  | Chapter 4 of Drawing on the Right Side of the Brain. |
| 6 | **Composition and Layout**  Topics: Rule of thirds, balance, focal points.  Tasks:  Create thumbnail sketches exploring different compositional layouts.  Develop a finished drawing using one of the thumbnail compositions. |  | Chapter 5 of Keys to Drawing. |
| 7 | **Gesture Drawing**  Topics: Capturing movement, quick sketching, expressive lines.  Tasks:  Practice gesture drawings from live models or video references.  Submit a series of gesture drawings demonstrating fluidity and movement. |  | Readings: Chapter 1 of The Natural Way to Draw. |
| 8 | **Proportions and Anatomy**  Topics: Human proportions, basic anatomy, drawing the figure.  Tasks:  Practice drawing human figures using basic proportions.  Create a detailed study of a specific body part (hand, foot, etc.). |  | Chapter 2 of The Natural Way to Draw. |
| 9 | **Mid Term** |  |  |
| 10 | **Texture and Detail**  Topics: Representing different textures, detailed rendering.  Tasks:  Draw a series of objects with varying textures (wood, metal, fabric).  Create a highly detailed drawing focusing on texture. |  | Chapter 3 of Drawing to See. |
| 11 | **Drawing with Ink**  Topics: Introduction to ink drawing, tools and techniques, line and wash.  Tasks:  Experiment with different inking techniques (hatching, stippling, washes).  Complete an ink drawing of a still life or landscape. |  | Chapter 4 of Foundations of Drawing. |
| 12 | **Drawing from Imagination**  Topics: Combining observation and imagination, creative expression.  Tasks:  Create a drawing from imagination based on a chosen theme.  Write a brief description of the creative process and inspiration behind your drawing. |  | Chapter 5 of Drawing on the Right Side of the Brain. |
| 13 | **Mixed Media Drawing**  Topics: Combining different drawing materials, layering techniques.  Tasks:  Experiment with mixed media techniques using graphite, ink, charcoal, etc.  Produce a mixed media drawing that integrates various materials and textures. |  | Chapter 6 of Foundations of Drawing. |
| 14 | **Landscape Drawing**  Topics: Drawing natural environments, perspective in landscapes, atmospheric perspective.  Tasks:  Practice drawing landscapes from reference photos or outdoor observation.  Create a finished landscape drawing emphasizing depth and atmosphere. |  | Chapter 6 of Keys to Drawing. |
| 15 | **Portrait Drawing**  Topics: Proportions of the face, capturing likeness, expressive portraits.  Tasks:  Draw a series of portrait studies from different angles.  Complete a detailed portrait drawing of a chosen subject. |  | Chapter 7 of Drawing to See. |
| 16 | **Final Project and Course Review**  Topics: Final project presentation, course review, future directions in drawing.  Tasks:  Complete and submit a final drawing project that synthesizes the techniques and concepts learned throughout the course.  Present your final project to the class.  Reflect on your learning journey and set goals for future artistic development. |  | Review previous readings and notes. |