College of Architecture, Art and Design
Interior Design Department
Course Descriptions

Introduction to Design   Course Code: BID 101
Credit Hours: 3Cr. Hrs. : Theory (1 hr.), Studio (2 hrs.)
Contact Hours: 5Cr. Hrs.: Theory (1 hr.), Studio (4 hrs.)
Pre-Requisite: None
Co-Requisite: Architectural & Interiors Graphics (BID 102)

This course aims to introduce students to the basic elements of design, its principles, visual aspects with their perception, design vocabulary and their application in design. It also familiarizes the students with the implementation of fundamental concepts and elements of Interior Design.

Architectural & Interior Graphics   Course Code: BID 102
Credit Hours:3Cr. Hrs.: Theory (1 hrs.), Studio (2 hrs.)
Contact Hours::5Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)
Pre-Requisite: None
Co-Requisite: BID101 Introduction to Design

This course aims to familiarize students with basic drafting skills and essential fundamental concepts of interior design drafting by introducing the principle of parallel-line drawings, orthogonal projections, and rendering techniques. The course covers the theoretical and practical experience of manual drafting and computer-aided drafting. It enables students to understand the use of the 2D Computer-Aided Design and Drafting process and its application for interior design projects. They will be guided through the process of how to draw basic 2D primitives and modify and translate 2D drawings. As well as adding dimensions and text and managing CAD files. The course also covers the methods for plotting and producing finalized interior, technical drawings. After taking this course, students should be able to use this tool in their respective interior design, construction drawing, model building, and furniture courses and studios.

Sketching & Perspective   Course Code: BID 103
Credit Hours: 4Cr. Hrs: Theory (2 hr.), Studio (2 hrs.)
Contact Hours: 6Cr. Hrs.: Theory (2 hr.), Studio (4 hrs.)
Pre-Requisite: None
Co-Requisite: Introduction to Design (BID 101)

Freehand drawing is still relevant today even in the current digital age. Instead of just relying on the mind, freehand drawing engages eyes as well as hand. This way, the three (eye, mind, and hand) coordinate and inform the quality of the image to be drawn as close to the way a person intends. Freehand drawing also ensures forming of important DECISION-MAKING ROUTINES (DMRs) as related to sketching that have significant impact on design. DMRs ensure that through freehand drawing, a student is taken back to the roots of drawing becoming qualitatively aware of the process through which 2D and 3D graphics are put together to solve a certain functional, programmatic, aesthetic, psychological, and social problem. Freehand drawing is also a very good means of exciting the visual side of the students that increasingly assists them in visual thinking, something that a designer is primarily responsible for. Given this, the course aims to introduce the students to the basics of free hand sketching and perspectives. It starts with warm up line drawing and shading exercises that build up students' confidence. Later on, they are engaged in 2D and 3D studies of different basic solids. Shades and shadows form one part of the course, not to mention one-point and two-point exterior and interior perspectives. Live drawing is another instruction method that is used to sharpen the observation and eye-mind-hand coordination. The end result of this course is to enable students conceive design ideas and express them well on paper or a digital surface.

Color in Interior Design   Course Code: BID 104
Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hr.), Studio (4 hrs.)
Pre-Requisite: None
Co-Requisite: None

This course provides students with a background in color theories as it relates to interior design including color schemes. The class consists of lectures, discussions, and in-class exercises through individual and group work. Lectures explain the physics of color, color theories, physiology of color, the psychology of color, color in art and practical assignments focusing on the application of color in residential design project in the design studio.

Interior Design I   Course Code: BID 105
Credit Hours: 4Cr. Hrs.: Theory (1 hr.), Studio (3 hrs.)
Contact Hours: 7Cr. Hrs.: Theory (1 hr.), Studio (6 hrs.)
Pre-Requisite: Introduction to Design (BID 101)
Co-Requisite: None

This course introduces the students to residential interior design and its requirements, including interior space planning, furniture arrangements and design treatments. Students should be introduced to the basics of interior design concept, gathering data of several client's needs and types. Classify the residential activities and functions to arrange the elements of interiors, like furniture, accessories, and floor wall ceiling materials, in unified design.

History of Art, Design and Architecture I   Course Code: BID 106
Credit Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Contact Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Pre-Requisite: None
Co-Requisite: None

This course offers a critical overview of the history of interior design from the ancient civilizations until the end of the Eighteenth-century, its integral relationship with architecture and decorative arts, and the broader social context, including geographical location, religious, economic and political influences. It will present the material within its chronological development and include an integration of art, furniture design and ornamental forms representative of the various cultures of the world. Major monuments are discussed and critically analyzed in terms of function, symbolism, methods of fabrication, style, use of color, ornament, and significance.

Material and Construction   Course Code: BID 107
Credit Hours: 3 Cr. Hrs.: Theory (1 hr.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hr.), Studio (4 hrs.)
Pre-Requisite: Engineering Graphics (BID 102)
Co-Requisite: None

To introduce the principles and elements of interior design structures and skins, as well as to provide interior design students with the necessary knowledge about material selection, technology, specifications, and their use in the interior environment, as well as their forms, characteristics, and effects on human health and the environment. Additionally, students will identify the aspects of interior construction materials by using graphic material symbols in their drawings, while also focusing on the details required to describe the interior finishes and the types of applications and design context.

CAD   Course Code: BID 108
Credit Hours: 3 Cr. Hrs.: Theory (1 hr.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hr.), Studio (4 hrs.)
Pre-Requisite: Engineering Graphics (BID 102)
Co-Requisite: None

This course discusses the significance of computer 3d modeling programs like 3DMax in understanding how learners can use this creatively as a communication tool in interior design. This means understanding the use of realistic textures, lighting principles and techniques to create realistic interior designs using camera and rendering. In this way, students will learn how to design and furnish models effectively with a focus on trends of interior design and the challenges associated rendering output and final presentation. The course will set up learners to use CAD in their corresponding interior design studios and furniture design studios to visualize ideas and design proposals.

Interior Design II   Course Code: BID 201
Credit Hours: 4 Cr. Hrs.: Theory (1 hr.), Studio (3 hrs.)
Contact Hours: 7 Cr. Hrs.: Theory (1 hr.), Studio (6 hrs.)
Pre-Requisite: Interior Design I (BID 105)
Co-Requisite: None.

This course introduces students to the factors important in the successful design of retail stores, cafés, restaurants and hair salons in urban and shopping mall settings. Students learning comprises many aspects from interior space utilization, façade design, display fixtures fitting and furniture design, visual merchandising to signage and lighting design principles as well as the role of the interior designer in branding and the selling of a product by understanding customer behaviour.

History of Art, Design and Architecture II   Course Code: BID 202
Credit Hours: 3 Cr. Hrs.: Theory (3 hr.), Lab (0 hrs.)
Contact Hours: 3 Cr. Hrs.: Theory (3 hr.), Lab (0 hrs.)
 Pre-Requisite: History of Art, Design and Architecture I (BID 106)
Co-Requisite: None
This course offers a critical overview of the history of interior design from the Industrial revolution throughout the Nineteenth- and Twentieth-century, its integral relationship with architecture and decorative arts, and the broader social context, including geographical location, religious, economic and political influences. It will present the material within its chronological development and include an integration of art, furniture design and ornamental forms representative of the various cultures of the world. Major monuments are discussed and critically analyzed in terms of function, symbolism, methods of fabrication, style, use of color, ornament, and significance.

Model Building   Course Code: BID 203
Credit Hours: 3 Cr. Hrs.: Theory (1 hr.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hr.), Studio (4 hrs.)
Pre-Requisite: Materials and Construction (BID 107)
Co-Requisite: None

This course is an introduction to understand the way that designers use variety of models to study the interaction of volumes, different viewpoints, or concepts during their schematic Design process. Students are encouraged to construct three-dimensional model to learn scale, proportion, light and shadow, flow, etc. and sketch models (quick, paper constructions) to gauge scale, space flow, by making it from a variety of simple materials, sculpting laser cutting and 3D printing to support design development for their design projects. In addition, an induction lecture helps students to arrange the materials on samples board for their design project.

Building Information Modeling   Course Code: BID 204

Credit Hours: 3 Cr. Hrs.: Theory (1 hr.), Studio (2 hrs.).
Contact Hours: 5 Cr. Hrs.: Theory (1 hr.), Studio (2 hrs.).
Pre-Requisite: CAD BID 108
Co-Requisite: None.

The use of Building Information Modeling (BIM) has caused a dramatic shift in design process in the field of Architecture and Interior Design. It represents a new method that step-by-step changes the way architects and designers think. Revit is one of the best BIM applications, which nowadays is considered the number one application used all over the world. This software will offer students better chances to design more accurate and detailed interior spaces that can respond to the up-to-date requirements of the industry.

Interior Design III   Course Code: BID 205

Credit Hours:4 Cr. Hrs.: Theory (1 hr.), Studio (3 hrs.)
Contact Hours:7 Cr. Hrs.: Theory (1 hr.), Studio (6 hrs.)
Pre-Requisite: Interior Design II (BID 201)
Co-Requisite: None

The course aims to introduce students to commercial interior design such as offices' interiors in the setting of administrative and public buildings. The course contents would then enable the students to design office interiors with emphasis placed on planning, circulation, furniture arrangement, color, lightings and other design treatments. The students can recognize the organizational charts and the nature of the business to provide the successful design.

Lighting & Acoustics for Interior Design   Course Code: BID 206

Credit Hours: 3 Cr. Hrs.: Theory (2 hrs.), Studio (1 hr.)
Contact Hours: 4 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)
Pre-Requisite: Interior Design I (BID 105)
Co-Requisite: None

The course aims to introduce interior design students with lighting design system, lighting graphics, the creation of specifications' legend and basic control systems as well as special topics such as decorative luminaires and energy efficiency. The course explores the physical influence of lighting on color. The course includes in-depth mathematical calculations used to determine the amount of natural and artificial lighting and acoustic treatment required to meet specific codes and clients' needs. Various factors of sound and vibration control are also included to understand acoustic behaviour in interior space.

Construction and Detailing   Course number: BID 207

Credit hours: 3 Cr. Hrs.: Theory (1 hr.), Lab (2 hrs.)
Contact hours: 5 Cr. Hrs.: Theory (1 hr.), Lab (4 hrs.)
Pre-Requisite: Material and Construction (BID 107)
Co-Requisite: None

This course would assist the students in exploring the interiors' structural elements such as load bearing structure, partitions, door construction, ceiling and floor design system including interior furnishing and its construction details, based on information gathered within the previous pre-requisite course Material and Construction. In addition, it improves student's understanding of custom design working.

Interactive Interior Design   Course Code: BID 208
Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)
 Pre-Requisite: CAD (BID 108)
Co-Requisite: None

This course aims to introduce students to a variety of innovative digital tools in order to enhance their capabilities to analyze, prototype and display their projects. According to these three areas, the first part of the course will focus on brainstorming and mapping tools fostering design thinking to generate a concept work with their peers. The second will introduce them to a digitalization equipment to transfer a physically produced model into a digital environment. The third experiential module will see the students working on a previous or current project to add an interactive layer to their conventional presentation technique.

Interior Design IV   Course Code: BID 301
Credit Hours: 4 Cr. Hrs.: Theory (1 hr.), Studio (3 hrs.)
Contact Hours: 7 Cr. Hrs.: Theory (1 hr.), Studio (6 hrs.)
Pre-Requisite: Interior Design III (BID 205)
Co-Requisite: None

This course provides students with an introduction to the process of designing hospitality areas specifically hotel interiors. Lectures from guest speakers and industry professionals enable students to gain an overview of all aspects of hotel design including designing for communal areas and understanding room typologies. Students learn how to create a concept based on local culture its influence and how to respond to a brief from a client. Their learnings extended to the field of interior landscape design. The off-site visits take place at a luxury hotel to understand the operation of these hotels that help them to create a successful design.

Psychology of Design   Course Code: BID 302
Credit Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Contact Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Pre-Requisite: None
Co-Requisite: Interior Design III (BID 205)

The course introduces the students to the basic psychology of designing spaces that deals with human occupancy. The study of the interaction between human behavior and physical environment enables the students to examine perception and cognition, cultural differences in spatial context, proxemics and the role of values in the design of the interior environment. Focusing on socio-psychology and aesthetics, students analyze all other aspects of human behavior in the interior atmosphere to design comfortable environment for the end user.

Working Drawings   Course Code: BID 303
Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Studio (2 hrs.)
Contact Hours: 4 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)
Pre-Requisite: Construction and Detailing (BID 207)
Co-Requisite: None

This course aims to introduce students to working drawings sets provide dimensioned, graphical information that can be used by a contractor to construct the interiors, or by suppliers to fabricate components of design to assemble or install them as per requirement on site. Focusing on design project detailing, students also learn the construction techniques of their custom design components in this course.

Furniture Design   Course Code: BID 304

Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)
Pre-Requisite: Model Building (BID 203)
Co-Requisite: None

This course is an introduction to the furniture design process considering all its aspects such as aesthetic design issues, structure, ergonomics, anthropometry functionality, materials technology, and manufacturability. The course also incorporates the study of history and design of residential and commercial furniture styles and periods along with the contemporary design, which leads the students to utilize the design process to explore and formulate concepts, communicate those design ideas, and fabricate a quality furniture piece based on their research and design solutions.

Interior Design V   Course Code: BID 305

Credit Hours: 4 Cr. Hrs.: Theory (1 hr.), Studio (3 hrs.)
Contact Hours: 7 Cr. Hrs.: Theory (1 hrs.), Studio (6 hrs.)
Pre-Requisite: Interior Design IV (BID 301)
Co-Requisite: None

This course aims to introduce students to design various types of exhibitions areas, i.e. Temporary exhibitions, permanent exhibitions, museum, and trade shows. Students refine their skills and knowledge while designing an exhibition using an existing plan with a focus on how the various elements of an exhibition plan (such as architecture, lighting, display furniture, and didactics) aid the audiences' interpretation of the artifacts. Students learn how to select the appropriate form of documentation for the exhibitions they create for their projects (trade shows and museums).

Textile for Interior Design   Course Code: BID 306

Credit Hours:3 Cr. Hrs.: Theory (1 hrs.), Studio (2 hrs.)
Contact Hours: 5 Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)
Pre-Requisite: None
Co-Requisite: None

This course introduces students to the fundamentals of textiles for private and commercial interiors. Students learn about fabric classifications, legislation-regulations and properties, fabrication techniques and labeling that will guide and support the fabric selection process in the interior design project. Students will learn and experiment sustainability, traditional fabrication techniques and digital innovation.

Sustainability for Interior Design   Course Code: BID 307

Credit Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Contact Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Pre-Requisite: None
Co-Requisite: None

This course aims to introduce the methodology of sustainability to the interior design students. The environmental issues are an important part of our lives and our future. The interior design field is concerned about the welfare of the people and their interior, so they need to have a sound knowledge of sustainability and its impact on the individual and society. This course should have as a primary objective to explain and recognize the basic meaning of sustainability as philosophy, concept, and principles to guide our students from the first level of the design to construction as well as post-construction phase.

Interior Design Practical Training I   Course Code: BID 308

Credit Hours: 1 Cr. Hrs.: Theory (0 hrs.), Studio (0 hrs.)
Contact Hours: 0 Cr. Hrs.: Theory (0 hrs.), Studio (0 hrs.)
Pre-Requisite: Interior Design IV (BID 301)
Co-Requisite: None

This training aims to enable students gaining basic professional interior design knowledge, such as; interior finishing materials, suppliers, materials specification, bill of quantity, cost estimation.

Graduation Project I   Course Code: BID 401

Credit Hours: 3 Cr. Hrs.: Theory (2 hr.), Studio (1 hrs.).
Contact Hours: 4 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.).
Pre-Requisite: Interior Design V (BID 305)
Co-Requisite: None

The aim of this course is to help the students in the preparation of an analytical and technical report of their individually chosen graduation project. Students would be able to gather data successfully of any chosen project, to collect and analyze needed information for the chosen project, develop in aesthetics and functional needs in interior design spaces. The student will be able to choose, analyze and rethink the layout of an existing space and to propose an interior intervention, a new program of uses, and a new interior environment.

Graduation Project II   Course number: BID 402

Credit hours: 4 Cr. Hrs.: Theory (0 hr.), Studio (4 hrs.)
Contact Hours: 8 Cr. Hrs.: Theory (0 hrs.), Studio (8 hrs.)
Pre-Requisite: Graduation Project I (BID 401)
Co-Requisite: None

The course gives the student an opportunity to explore his/her ability and knowledge acquired through the previous years to deal with an actual existing space and to develop an interior project. By employing the convenient interior spatial intervention and by using the suitable furnishing requirements, the student can create a new interior environment with justified aesthetics and functional solutions for his interior design project. Theoretical and practical considerations shall guide and define the spatial conception and the design process.

Practice in Interior Design   Course Code: BID 403

Credit Hours: 2 Cr. Hrs.: Theory (2 hrs.), Studio (0 hrs.)
Contact Hours: 2 Cr. Hrs.: Theory (2 hrs.), Studio (0 hrs.)
Pre-Requisite: Working Drawings (BID 303)
Co-Requisite: None.

The aim of this course is to incorporate the basic business theories into the practice of Interior Design. It covers the various principles, which constitute the pillars of business science, to the Interior Design professional. The course develops the skills required in the field of Interior Design marketing and prepares the students both for employment as well as for future opportunities to set up their own design office as a professional business.

Interior Design Practical Training II   Course Code: BID 404

Credit Hours: 1 Cr. Hrs.: Theory (0 hr.), Studio (0 hrs.)
Contact Hours: 0 Cr. Hrs.: Theory (0 hrs.), Studio (0 hrs.)
Pre-Requisite: Interior Design Practical Training I (BID 308)
Co-Requisite: None

This training aims to enable students gaining basic professional interior design knowledge, such as; interior finishing materials, suppliers, materials specification, bill of quantity, cost estimation.

Islamic Interiors   Course number: BID 331

Credit hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Contact Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Pre-Requisite: Interior Design IV (BID 301)
Co-Requisite: None

The course provides students with a comprehensive understanding of the intricate elements of design, decoration, and motifs that characterize Islamic Interiors. Through a rigorous analysis of the critical historical periods and their influence on contemporary design, students will develop a deep appreciation for the rich cultural heritage of Islamic design. The course will explore the historical and diverse cultural underpinnings of the discipline of architecture and interior design in the Islamic context, examining the use of Islamic ornaments and their creative purposes in the development of spaces. Students will thoroughly understand the profound impact of religion and philosophy on Islamic art and its reflections on architecture and interiors, considering the geographic origin and historical events that have shaped this vibrant cultural heritage. Additionally, students will be challenged to apply this knowledge to an interior design project, enhancing their ability to create culturally informed and contextually appropriate designs.

Interiors in the UAE   Course Code: BID 332

Credit Hours:3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.).
Contact Hours: 3 Cr. Hrs.: Theory (3 hrs.), Studio (0 hrs.)
Pre-Requisite: Interior Design IV (BID 301)
Co-Requisite: None

The course offers students an in-depth exploration of various interior spaces within the United Arab Emirates, encompassing traditional and contemporary residential, commercial, and public interiors. Through rigorous research and analysis, students will gain a comprehensive understanding of the local cultural aspects, materials, and construction techniques unique to the region. By examining UAE and Arab heritage sites, students will cultivate a strong mental and visual foundation, equipping them with the necessary insights and knowledge to create culturally sensitive and contextually relevant design solutions in future projects.

Interior Building Systems   Course Code: BID 333

Credit Hours:3 Cr. Hrs.: Theory (2 hr.), Studio (1 hrs.)
Contact Hours: 4 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)
Pre-Requisite: Interior Design IV (BID 301)
Co-Requisite: None

The Interior Building Systems course is a major elective that provides students with a comprehensive understanding of technical building systems and engineering issues. The course introduces students to the physical components of interior building systems. Topics include the typical building construction systems, mechanical and electrical systems, and building codes related to interiors. The course covers HVAC, water, waste, lighting, acoustic as technical building systems issues helping interior designers communicate more effectively with architects, engineers, and contractors. The course provides a systemic framework for integrating knowledge of interior building systems, regulations, and codes to achieve an effective, safe design, healthy and suitable for human activity environments as sustainable and responsible interior design. Students will learn how to factor water, electrical, and thermal systems into their design plans.