

Course Descriptions

(a) 290 1010 Introduction to Interior Design (1 / 4 / 0 = 3)

1) Pre-requisite: None

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 familiarize the students to the implementation of fundamental concepts and elements of Interior Design.

(b) 290 1020 Engineering Graphics for Interiors (2 / 2 / 0 = 3)

1) Pre-requisite: None

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. It enable students to understand the use of 2-D, 3-D parallel and orthographic projections in interior design projects.

(c) 290 1030 Freehand Drawing I (1 / 4 / 0 = 3)

1) Pre-requisite: None

The aim of this course is to introduce a solid grounding in the principles of free hand drawing. The emphases is on teaching basics of drawing and composition, including how to create sketch perspectives, assume scale, introduce texture and tone into their illustrations in relation to the space. It enables students to conceptualize their imagination in the field of interior design.

(d) 2901040 Materials Technology (2 / 0 / 0 = 2)

1) Pre-requisite: None

The aim of this course is to provide the interior design students the technical aspects of surface and structural materials. It enables students to learn how to apply innovative material concepts of three-dimensional design to the reality of a finished space in respect of human behavior, environmental needs and regulations.

(e) 290 1052 Technical Writing for Interior Design (3 / 0 / 0 = 3)

1) Pre-requisite: None

This course intend to develop interior design students' proficiency and communicative competence in technical/professional writing and oral presentation skills.

Following the statement that "Write to communicate in Design should be focused on showing rather telling, students learn how to organize and express facts and ideas about their profession through written words. Coursework focus on the production of technical

and research documents used in industry for possible audiences, simultaneously practical and interactive assignments designed to improve their verbal communication.

(f) 290 1060 Interior Design I (1 / 6 / 0 = 4)

1) Pre-requisite: Introduction to Interior Design – 2901010

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, as furniture, accessories, and floor wall ceiling materials, in unify design.

(g) 290 1070 Color in Interior Design (2 / 2 / 0 = 3)

1) Pre-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, psychology of color, color in art and practical assignments focusing on the application of color in residential design project in design studio.

(h) 290 1080 Freehand Drawing II (1 / 4 / 0 = 3)

1) Pre-requisite: Freehand Drawing I - 290 1030

This course built on the knowledge and skills acquired in freehand I. Students continue developing the cognitive process associated with the drawing studies of space in multiple relationships. Variety of assignments emphasize on students learning the development of personal introspective illustrations and rapid concept development as well as exploration of various media in experimental applications.

(i) 290 1090 Furniture Design (1 / 4 / 0 = 3)

1) Pre-requisite: Introduction to Interior Design - 290 1010

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 lead 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.

(j) 290 1100 CAD I for Interiors (1 / 4 / 0 = 3)

1) Pre-requisite: IT Fundamentals – 104110

This course aims to introduce students to Computer Aided Design and drafting (CADD) and its application for interior design projects using AutoCAD software. Topics include 2D tool palette, object information, resources and command box windows, dimensioning tool, scale, layers, line weight and symbols, as well as file management, printing and plotting methods enable students to demonstrate their understanding, skills and proficiency in producing both "presentation" and "technical" styles of Interior design drawings.

(k) 290 2010 Interior Design II (1 / 6 / 0 = 4)

1) Pre-requisite: Interior Design I - 290 1060

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 interior designer in branding and the selling of a product by understanding customer behavior

(l) 290 2020 Model Building (1 / 4 / 0 = 3)

1) Pre-requisites: Engineering Graphics for Interiors – 2901020 & Materials Technology – 2901040

This course is an introduction to understand the way that designers use models in their design project. Students are encouraged to learn three-dimensional model making from a variety of simple materials, sculpting, mold-making, wood joinery, 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.

(m) 290 2030 History of Interior Design I (3 / 0 / 0 = 3)

1) Pre-requisite: Interior Design I – 290 2010

This course aims to introduce students a critical overview of the history of interior design, its connection to different periods and cultures, and its integral relationship with interior, architecture and decorative arts. Lecture, readings, and field trips focus on the development of major forms, period styles, and ornament from ancient Egypt, Greece, and Rome through the Renaissance, Baroque, Rococo, and Neoclassical eras.

(n) 290 2040 Lighting & Acoustics for Interior Design (2 / 2 / 0 = 3)

1) Pre-requisite: Interior Design I - 290 1060

The aim of the course is to introduce interior design students with lighting design system, lighting graphics, creation of specifications' legend and basic control systems as well as specialty topics such as decorative luminaires and energy efficiency. The exploring of lighting on color influenced physically. The course includes in-depth mathematical

calculations used to determine the amount of 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 behavior in interior space.

(o) 290 2050 CAD II for Interiors (1 / 4 / 0 = 3)

1) Pre-requisite: CAD I for Interiors – 2901100

Building on the skills from CAD I, this course aims to teach students an advance three dimensional, rendering and presentation software packages. In addition, students will utilize their learning skills to develop their projects and design analyses outcome, which will enhance their 3D computer visualization skills, as well as generative types of CAD concepts.

(p) 290 2060 Interior Design III (1 / 6 / 0 = 4)

1) Pre-requisite: Interior Design II - 290 2010

The aim of the course is 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 are able to recognize the organizational charts and the nature of business to provide successful design.

(q) 290 2070 Interior Construction I (2 / 2 / 0 = 3)

1) Pre-requisites: Engineering Graphics for Interiors – 290 1020 & Interior Design II 290 2010 & Materials Technology – 290 1040

This course would help students, both in exploring the finishing materials, and in understanding, the principle involved in selecting materials for interior spaces. They will identify the elements of interior structure, and recognize physical and visual properties, dimensional characteristics of common used finishes for interior spaces by using the graphic material symbols in their drawings.

(r) 290 2080 History of Interior Design II (3 / 0 / 0 = 3)

1) Pre-requisite: History of Interior Design I - 290 2030

This course introduces students to ideas and approaches to the study of design history and theories with particular emphasis on the contemporary interior environment. Lectures, discussion and field trips help students to explore wide range of built environment and the use of historical documents. Analysis of various movement and their development phase enable students to understand broad historical frameworks.

(s) 290 2090 Psychology of Design (3 / 0 / 0 = 3)

1) Pre-requisite: Interior Design II - 290 2010

The course introduces the students to the basic psychology of designing spaces that deals with human occupancy. The study of interaction between human behavior and physical

environment enable the students to examine perception and cognition, cultural differences in spatial context, proxemics and the role of values in the design of interior environment. Focusing on socio- psychology and aesthetics, students analyze all other aspects of human behavior in interior atmosphere to design comfortable environment for the end user.

(t) 290 3010 Interior Design IV (1 / 8 / 0 = 5)

1) Pre-requisite: Interior Design III - 290 2060

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. Additionally, 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 successful design.

(u) 290 3020 Interior Construction II (2 / 2 / 0 = 3)

1) Pre-requisite: Interior Construction I – 290 3020

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-request course interior construction I. In addition, it improves their understanding of custom design working.

(v) 290 3030 Interiors in the UAE (3 / 0 / 0 = 3)

1) Pre-requisite: Interior Design III - 290 2060

The aim of the course is to allow the students to research and study the various UAE, traditional and contemporary residential interiors. This course would then enable students to develop knowledge for the local culture, customs and materials used in UAE constructions, which would help them to utilize this in their current and future design projects.

(w) 290 3040 Interior Design V (1 / 6 / 0 = 5)

1) Pre-requisite: Interior design IV - 290 3010

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

exhibitions they create for their projects. Interior Design graduates can work as exhibition designers independently.

(x) 290 3050 Working Drawings I (2 / 2 / 0 = 3)

1) Pre-requisite: Interior Construction II - 290 3020

The aim of this course is to introduce students to working drawings provide dimensioned, graphical information that can be used by a contractor to construct the works, 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.

(y) 290 3060 Sustainability for Interior Design (3 / 0 / 0 = 3)

1) Pre-requisite: Interior Design IV - 2903010

The aim of this course is to introduce the methodology of sustainability to the interior design students. The environmental issues are an important part in our life and in 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.

(z) 2984010 Graduation Project I (2 / 2 / 0 = 3)

1) Pre-requisite: Interior Design V - 290 3040

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, and 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.

(aa) 290 4020 Working Drawings II (1 / 2 / 0 = 2)

1) Pre-requisite: Working Drawings I - 290 3050

Follow-up with the course working drawing I, an introduction provided to students to prepare a complete set of contract documents means by which interior design is communicated to the building construction industry, code officials, product manufacturers, suppliers, vendor and fabricators. These documents includes Working drawings, specifications, bill of quantities, work schedule etc. While working on given design project, students will acquire a logical approach of these document preparations.

(bb) 290 4030 Graduation Project II (1 / 8 / 0 = 5)

1) Pre-requisite: Graduation Project I - 2904010

The course gives the student an opportunity to explore his/her ability and knowledge of dealing with actual existing project in interior design. By using the suitable furnishing requirements, student can create an aesthetic and functional interior design through two main objectives, theoretical and practical to define the different functions applications and its positive and negative points.

(cc) 290 4040 Practice in Interior Design (3 / 0 / 0 = 3)

1) Pre-requisite: Working drawing II - 290 4020

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 develop 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.

(dd) 290 5010 Selected Topics in Furniture Design (3 / 0 / 0 = 3)

1) Pre-requisite: Furniture Design - 290 1090 and Interior design IV - 290 3010

The aims of the course is to make students more familiar with programming and conceptual design expressed in sketches, and models, as well as with shop drawings and presentation drawings, understanding the aesthetic and functional/ergonomic aspects of furniture as well as the technological aspects of producing furniture. This course should help students understand some sociological factors that influence the methodologies of educational investigation in interior and furniture design. This project will assess their presentation skill, imagination and creativity.

(ee) 290 5020 Islamic interiors (3 / 0 / 0 = 3)

1) Pre-requisite: Interior Design IV – 290 3010

The aim of the course is to allow the students to search and understand the philosophy of Islamic interiors, with emphasis on decorative elements and accessories. At the end of the course students would be able to implement the basic rules of Islamic interiors depend on the chosen style, using basically the decorative components of Islamic interiors such as; pattern, color, trims and accessories.

(ff) 290 5030 Theory of Interior Design (3 / 0 / 0 = 3)

1) Pre-requisite: Interior design IV - 290 3010

The aim of this course is to strengthen the students' theoretical background throughout analyze, criticize, and methods of solving problems in the interior design field.

(gg) 290 5040 Selected Topics in Interior Design (3 / 0 / 0 = 3)

1) Pre-requisite: Interior design IV - 290 3010

The aim of this course is to enable the students to develop in research, analysis and criticism capability in the interior design project not covered in design courses. It aims also to explore and present selected topics in interior design. Guiding study and exploration of subjects not covered by other courses in the discipline and successfully analyze, criticize interior design spaces through recognize the program design for divers' project type.

(hh) 290 5060 Architectural Principles for Interiors (3 / 0 / 0 = 3)

1) Pre-requisite: Interior design IV - 290 3010

The aim of the course is to enhance the interior design students' skills in creating and solving special problem related to the function of interior spaces; re-designing partitions based on structured information, adding new spaces to success the interior design function, to integrate the interior design with the architectural building. As well as to complete the interior design curriculum by designing the landscape spaces with its need of light building structures as an artistically sculpted structures to fit the aesthetical need of this area.

(ii) 290 4100 Interior Design Practical Training (4 Credit Hours)

1) Pre-requisite: Interior design V – 290 3040

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