

INTERIOR DESIGN DEPT. Courses Description

Course Code: ARC 512	Course Name: Professional Practice
Course Description: Professional Practice is a course characterized by breadth rather than depth. The course presents an overview of the historic and contemporary context and complexities of architectural design practice and the varied and evolving roles and responsibilities of the architect with an emphasis on the characteristics of best practice. This course covers standard practices and procedures of the architect's profession. Students gain knowledge of the history of the profession, along with its ethics, business structures, organization, management, legal issues, fee structures and promotional activities	

Course Code: IDE 414	Course Name: Universal Design
Course Description: This is an advanced course stressing analytical research and the practical implementation of the principles necessary for the design, health and safety of spaces for special population groups, such as children, the physically challenged, the elderly and the poor throughout the world. Students will study "world related" issues in design, such as low cost housing, recycling of building components and sustainable energy. This is an advanced course stressing analytical research and the practical implementation of the principles necessary for the design, health and safety of spaces for special population groups, such as children, the physically challenged, the elderly and the poor throughout the world. Students will study "world related" issues in design, such as low cost housing, recycling of building components and sustainable energy.	

Course Code: IDE 413	Course Name: Interior Design Working Drawings & Specifications
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Course Description:

In this course, advanced architectural drafting techniques are used to complete a set of working drawings and specifications, and to finish schedules for either a residential or commercial project. The principles of interaction with other design professionals and/or team members are emphasized.

Course Code: IDE 412

Course Name:

Interior Building Systems

Course Description: This course covers standard interior building systems including heating, ventilation, air conditioning, plumbing, fire protection, and electrical distribution. Students gain more knowledge of the international building code.

Course Code: IDE 411

Course Name:

Interior Design VI: Senior Project

Course Description:

The senior project course of the Interior Design degree provides the opportunity to design a project which will be the focal point of the student's portfolio. This course provides the opportunity for students to exhibit the competency and knowledge obtained in all previous interior design courses. Past course-work is called upon to create and produce the appropriate documentation for a project selected by the student. Students prepare their final portfolio with this project serving as the key item. It represents the type of design specialization the student will seek upon graduation.

Course Code: IDE 403

Course Name:

Creative Interior Design

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Course Description:

This is an advanced course, which involves the research and application of design theory to a competition project. Students will prepare competition entries from conceptual diagrams, preliminary design and code analysis to final presentation. Student projects may emphasize “Green” design and/or experimental technology and materials.

Course Code: IDE 402

Course Name:

Interior Construction

Course Description:

This course covers standard interior building construction including partitions, ceilings, floors and stairs. Students learn about glazing, woodwork, hardware, structural coordination, barrier free design, means of egress and the international building code.

Course Code: IDE 401

Course Name: **Interior Design V: Health Care**

Course Description:

The course focuses on the interior design of healthcare facilities. The emphasis is placed on special-needs populations including the cognitively/mentally impaired, geriatric populations and children. In consultation with the instructor, the student design team selects a special population to research. At completion of research, the student team provides programming, pre-design documents and a final design presentation.

Course Code: IDE 314

Course Name:

History of Furniture and Interior Design II

Course Description:

The course covers the history and evolution of furniture styles, decorative elements and motifs, and interior design with a concentration on the East, the Renaissance Period, the New World and the Modern World. The progression and evolution of furniture styles, decoration and the design of the interior environment throughout history give an appreciation for humankind’s achievements and aids in understanding current design trends.

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Course Code: IDE 313	Course Name: Lighting for Interior
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Course Description:

Lighting for Interiors is an introduction into the exciting world of lighting, where science and art are blended together in one form. Color theory, lamps (light bulbs), the behavior of light and our behavior toward light will all be introduced with the goal of providing a working vocabulary and understanding of light as a medium. The course provides the foundation required by today's design professional to apply, assess and solve interior-design issues and solutions.

Course Code: IDE 312	Course Name: Furniture Design
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Course Description:

This course focuses on the issues related to custom furniture design including construction, styles, function, technical aspects and costs. Through the study of the human form and by researching appropriate materials and construction techniques, students develop a design of a furniture prototype from initial concept to construction.

Course Code: IDE 311	Course Name: Interior Design IV: Hospitality Design
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Course Description:

This advanced course emphasizes the hospitality industry and requires the completion of a project from preliminary programming and space planning, using anthropometric theory, through to the selection of furnishings and finishes that are ergonomically correct. Comparative analysis, code/legislation and other relevant research and presentation will also be covered in this course.

Course Code: IDE 304	Course Name: History of Furniture and Interior Design I
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Course Description:

The course covers the evolution of furniture styles, decorative elements/motifs and interior design. It is an introduction to the history of furniture design, decoration, and interior design covering the Ancient World period, the Classical World period, the Middle Ages and Islamic World. The student explores design choices and critically analyzes existing designs based on historical information. This course prepares students to participate in design work in a broader context.

Course Code:
IDE 303

Course Name:

Advanced 3D Modeling and Animation

Course Description:

This is an advanced course which builds upon the outcomes and concepts presented in DES113 and focuses on advanced solid modeling and animation techniques utilizing parametric CAD software. It expands and applies the fundamental knowledge and skills acquired in DES113. The course explores advanced topics in three-dimensional modeling, lighting, shading, texturing, rendering, animation and other related operations as they apply to architecture and related fields. Emphasis will be placed on the careful application of modeling, texture maps and lighting to simulate real world material effects, finishes and surface graphics.

Course Code:
IDE302

Course Name:

Materials for Interior Design I

Course Description:

This course address products and finishing materials for the interior environment which considers basic materials, manufacturing processes and the generic characteristics of goods specified by the interior designer. There is exploration of the materials used in interior environments, concentrating on the functional aspects of finishes and materials and how they are communicated in design projects including estimation, specification-writing and contract-documentation.

Course Code:
IDE 301

Course Name:

Interior Design III: Commercial Design

Course Description:

This is a fundamental course in the design of business environments. Through studio projects, lectures and field trips, the student develops a commercial interior which includes critical client analysis, complex programming, space-planning and the use of open-office systems. The student is

also introduced to relevant accessibility codes/legislation and standard building and fire-safety codes as they prelate to commercial design..

Course Code:
IDE 214

Course Name:

Human Behavior and Interior Design

Course Description:

This course constitutes an investigation into the design factors necessary for human living. It looks at the design of the built environment with emphasis on human needs and how the social sciences can contribute to interior design and practice. The influence of other factors such as climate, materials, technology, and physical context are considered, and interior design principles are formulated from cross-cultural examples of world architecture.

Course Code:
IDE 213

Course Name:

Graphic Communication

Course Description:

This course further introduces the student to the principles of graphic communication and consists of a series of exercises aimed at developing student graphic communication skills which are integral part of architectural education and professional practice. It introduces students to the principles of rendering-techniques, and they will learn to present and render architectural interiors and spaces using various presentation media such as ink, watercolor pencils, colored pencils, markers, chalk, digital media, etc. The course emphasizes the development of an individual approach to representation, and a wide variety of assignments encourages the student to develop an understanding of a range of techniques and drawing media. Students render illustrations from publications as well as views from personal project work. Digital media is introduced as one form of presentation media. Sketching skills built-up in previous courses will be developed here.

Course Code:
IDE 212

Course Name:

Textiles for Interior Design

Course Description:

This course involves a study of the production, properties and performance of textiles for interiors with emphasis on the selection of textiles for specific environmental applications. It investigates the science and technology of textiles through a study of properties and performance, allowing students to make informed consumer choices in the textiles area. Students will learn to identify by fiber content, weave and finish, and will understand the effect of these components on the performance of textile products. They will study the natural and manufactured fibers and their properties and uses, with emphasis on textiles used for finishes, furnishings and soft goods. Students will understand life-safety ratings for textile products in various applications.

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Course Code: IDE 211	Course Name: Interior Design II
Course Description: This is a fundamental studio course in which the student develops a residential interior. The course includes lectures, in-class assignments, on-site investigation, field trips and critiques. The student will accomplish projects and learn essential skills such as client-analysis, programming, space planning, code analysis and furniture-and-finish selection. In addition, electrical, lighting, and plumbing requirements are introduced.	
Course Code: IDE 202	Course Name: Interior Design I
Course Description: This is a design studio which introduces the principles of interior design, including unity, balance, proportion, scale, rhythm and emphasis. Students learn about their definition and practical application through related assignments. In addition, students are introduced to basic color psychology, client-analysis, selections of finishes and moods, and sample board presentation techniques. Anthropometrics and ergonomics will be reviewed and an orientation to the profession at local and national levels will take place.	
Course Code: IDE 201	Course Name: Introduction to Interior Design
Course Description: The course provides an introduction to the processes of interior design and the diverse aspects and considerations involved in practicing both residential and commercial design. This course introduces the students to interior design as a profession and provides a wide perspective of interior design.	
Course Code: DES101	Course Name: Design Foundation I
Course Description: This is a design foundation studio that focuses on the study of the basic elements of design and on their qualities, theories and psychology. The course is approached by problem-solving and by the exploration of the elements and principles in two dimensional means and in a contemporary mode of expression. This studio introduces the student to the elements and concepts of two dimensional design compositions. Formal and relational properties of line, shape, form, value, and texture are studied. Studio exercises using various media explore concepts of balance, harmony, repetition, rhythm, scale, proportion, time and motion in 2-dimensional compositions.	
Course Code: DES102	Course Name: Descriptive Drawing I

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<p>Course Description: The course introduces students to the fundamental principles of observational and analytical drawing. The course covers methods of creating and presenting design concepts. It introduces students to manual drafting processes including freehand drawing, single-view drawing and pictorial drawing. One-point perspective can be introduced here. The course explores various representational and analytical approaches through assignments which encourage the development of skills needed to effectively represent and communicate visual information including graphic-thinking techniques.</p>	
<p>Course Code: DES103</p>	<p>Course Name: Digital Photography and Image Processing</p>
<p>Course Description: This is a design studio which introduces the principles of interior design, including unity, balance, proportion, scale, rhythm and emphasis. Students learn about their definition and practical application through related assignments. In addition, students are introduced to basic color psychology, client-analysis, selections of finishes and moods, and sample board presentation techniques. Anthropometrics and ergonomics will be reviewed and an orientation to the profession at local and national levels will take place.</p>	
<p>Course Code: DES111</p>	<p>Course Name: Design Foundation II</p>
<p>Course Description: Design Foundation II builds upon the concepts and skills acquired in DES101 and focuses on preparing students for study in a wide variety of art and design disciplines especially architecture, interior and graphic design. Emphasizing a balance between the formal and communicative aspects of design, students are presented with 3D design compositions and are challenged to devise appropriate solutions. Included are an introduction to design processes and studio problems intended to familiarize students with basic design processes, principles and elements of 3D design. Studio experiences, readings, and written analysis challenge students to explore 3D design compositions and color. Students are provided opportunities to develop an awareness of design's cultural context and establish good studio practice.</p>	
<p>Course Code: DES 112</p>	<p>Course Name: Descriptive Drawing II</p>
<p>Course Description: Students are further introduced to the principles of drawing, along with the principles of perspective drawing, shade and shadow, and rendering techniques in ink and pencil. Students learn to draw and detail objects and spaces in one-point and two-point perspective drawings using mainly pencil and ink media. The course also introduces the principles of shade-and-shadow, shadow of point, lines, planes and volumes. It also introduces students to the principles of rendering techniques using ink and pencil.</p>	

Course Code: DES 113	Course Name: Digital Media For Design
Course Description: Digital media is introduced as an integral part of design process. There will be an introductory course in the fundamentals of digital technology, including their roles in the creation, reproduction, manipulation, and distribution of 2D and 3D objects. The course introduces techniques for 2D and 3D computer graphics, including modeling, representation, lighting, shading, texturing, rendering, animation and other related operations. The student will learn about the major software used in the design industry such as 3DMax and AutoCAD, and they will become familiar with digital tools and terminology as they apply to creative visual communication.	