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Interior Design

INT100 Studio I: Architectural Visualization

4 Credit Hours

Students gain a solid foundation in basic drafting techniques through hands-on instruction in the proper use of drafting materials and tools. Topics include plan, elevation, section, and scale.

INT110 Sketching and Rendering

3 Credit Hours

An introduction to the development of basic freehand sketches. Course emphasizes quick sketch techniques and rapid visualization. Students learn a variety of drawing media and rendering techniques for visually communicating design concepts.

INT120 Studio II: Conceptual Design

4 Credit Hours

Introduces the principles and elements of design. Emphasis upon conceptual analysis and problem solution in two- and three-dimensional design. Students examine the psychological and cultural impact of form, space, and volume in making appropriate design decisions.

Prerequisite: INT100

INT130 Color and Composition

3 Credit Hours

Introduces principles of two-dimensional composition with emphasis on color use and color theory to create effective graphic presentations/visual design communication. Students are introduced to traditional and digital media.

INT150 CAD I

4 Credit Hours

Introduces AutoCAD as a drafting tool. Students learn to use CAD to create and edit plans, elevations, and section views of designs for use in design studies and presentations. Students also learn presentation styles, drawing organization, and other techniques used in professional practice.

Prerequisite: INT100

INT160 Studio III: Space Planning

4 Credit Hours

Introduces space planning basics with an emphasis upon conceptual analysis. Students learn space planning and furniture arrangement from a functional and aesthetic viewpoint. Introduces major parameters of interior design, including human factors, ADA, and universal design. Provides continued development of design theory.

Prerequisites: INT120, INT150

INT170 History of Furniture and Interiors I

4 Credit Hours

Study of the history of architecture focusing on interiors, furniture, and decorative arts from ancient times through the 18th century. Emphasis on how the classical world influenced the major periods following it, including Gothic, Renaissance, Baroque, and Rococo.

INT171 History of Furniture and Interiors II

4 Credit Hours

Study of the history of architecture focusing on interiors, furniture, and decorative arts from the mid-18th century through the present. Covers the evolution of modernism throughout Europe and the United States.

Prerequisite: INT170

INT200 CAD II

4 Credit Hours

Provides students with more advanced commands used to create, modify, annotate, and print drawings to be used for presentation and production. Emphasizes skills and methods used in professional practice to create drawings that follow industry standards, and encourages teamwork.

Prerequisite: INT150

INT210 Perspective Drawing

3 Credit Hours

Students refine the techniques of constructing one- and two-point perspective drawings. Emphasizes visualization techniques and rendering to enhance images.

Prerequisites: INT100, INT110

INT220 Studio IV: Lighting I

4 Credit Hours

Explores architectural lighting, including basic calculations and color-rendering theory. Covers fundamentals of electricity and the importance of psychology and lighting. Detailed reflected ceiling plans and lighting schedules, as well as design and model making of a lighting fixture, are included in the studio projects.

Prerequisite: INT160

INT230 Materials, Textiles, and Finishes

4 Credit Hours

Students learn the appropriate selection, application, and installation of materials and finishes used in the interior environment. Course emphasizes the basic materials, manufacturing, and specification processes and characteristics of goods specified by the interior designer.

Prerequisite: INT100

INT240 Studio V: Residential I

4 Credit Hours

Introduces the study of residential environments and the planning of interior spaces. Emphasizes the design process from initial client contact/programming through schematic and final design. Topics include space planning/presentation skills; review of human factors; and the physiologic, psychological, and social needs of clients and the public.

Prerequisites: INT200, INT220

INT250 Studio VI: Commercial I

4 Credit Hours

An introduction to commercial design and its specialized requirements for interior planning. Emphasizes space planning, codes and regulations, conceptual analysis, and problem solution.

Prerequisite: INT240

INT260 Architectural Construction and Methods I

4 Credit Hours

Examines interior design and architectural systems. Topics include construction methods and materials, with focus on the mixed masonry-wood structures. Explores foundation, floor, wall, and roof systems, and covers site analysis, regulatory factors, and zoning ordinances.

Prerequisite: INT230

INT281 Career Management Seminar

2 Credit Hours

Explores career-development opportunities and strategies. Stresses entry-level job requirements and upward career paths. Covers resume writing skills, interviewing techniques, and the importance of professionalism. Continues the student's orientation to Berkeley College's computer framework, which includes content collection, and how to compile a professional design portfolio.

INT293 Internship

4 Credit Hours

Provides a field-based internship experience, where students acquire career/professional skills within the interior design industry.

Prerequisite: INT281

INT300 Studio VII: Residential II

4 Credit Hours

Develops advanced residential design concepts and skills with emphasis placed upon historical precedents, functionalism, energy efficiency, space planning, materials, and the latest technology in equipment and fixtures.

Prerequisite: INT250

INT310 Building Codes and Regulations

4 Credit Hours

Provides students with an overall understanding of codes, standards, and federal regulations with an emphasis on interior projects. Utilizes real-life design examples to explain how specific codes and standards apply to a variety of building and project types.

Prerequisites: INT240, INT260

INT320 CAD III: 3-Dimensional Visualization

4 Credit Hours

Students use AutoCAD and other software packages in the creation, manipulation, and rendering of three-dimensional views of interior spaces. Students will learn to represent materials and lights, and to manipulate views to develop striking renderings of their design solutions.

Prerequisite: INT200

INT330 Studio VIII: Commercial II

4 Credit Hours

Provides further study and analysis of retail/store planning design and hospitality spaces. Focuses on problem identification, research, programming, preliminary design, and design development. Examines relevant codes and regulations and sustainable impact.

Prerequisite: INT300

INT335 Contract Administration

4 Credit Hours

This course outlines the essential business activities and relationships between the designer, owners, and contractors/subcontractors during the various phases of a project. Students learn methods and procedures for managing the competitive bid process, actual construction, FF&E procurement and installation, and post-occupancy reporting.

INT340 Sustainable Design

4 Credit Hours

Introduces principles and concepts of sustainability in the design process. Provides an understanding of LEED certification and rating system with emphasis upon interiors. Examines methods to determine the appropriateness of construction and finish materials for sustainable interiors.

Prerequisite: INT260

INT350 Architectural Construction and Methods II

4 Credit Hours

Advanced study of construction systems and methods with more detailed analysis of such topics as mechanical and electrical systems, moisture and thermal protection, and vertical circulation as it relates to interior design.

Prerequisite: INT260

Corequisite: INT340

INT360 Studio IX: Lighting II

4 Credit Hours

Expands on the knowledge and skills obtained in Lighting I. Focuses on

advanced illumination and photometrics. Studio projects will continue to expand on complex commercial lighting designs, including fixture creations and model making.

Prerequisite: INT330

INT370 CAD IV: Working Drawings

4 Credit Hours

Students learn to create industry standard construction drawings used by the trade to build and renovate spaces. Symbols, graphic notations, sections, details, and schedules are taught to be used in the proper representation of their designs as legal documents for construction.

Prerequisites: INT200, INT310

INT400 Studio X: Commercial III

4 Credit Hours

Studies design of large scale institutional public spaces (cultural centers, government, transportation) and other complex building types. Explores solutions to environmental, interior, and architectural problems based upon research, space analysis, and planning. Comprehensive program analysis with emphasis upon cultural, behavioral, and quality-of-life issues.

Prerequisite: INT360

INT410 Furniture Design

3 Credit Hours

Focuses on the design concepts, functionality, materials, and construction documents to build furniture. The creative process of furniture design is covered through the studio projects assigned. Anthropometric and ergonomics are covered in depth.

Prerequisites: INT300, INT320

INT420 Studio XI: Capstone Project I-Program

2 Credit Hours

Preparatory course for INT460, Capstone Project II-Design. Provides instruction in individual capstone design program development including project and site selection.

Prerequisite: INT400

INT430 Professional Practice

4 Credit Hours

Provides students with an introduction to the practices of the interior design profession, with special emphasis on professional ethics, contracts, design fees, budgets, project management, marketing, and client/contractor/designer/trade relationships.

Prerequisite: INT250

INT450 Special Topics in the History of Architecture

4 Credit Hours

Focuses in depth on a particular period in history with a detailed study of the social, economical, political, and religious aspects that influenced the designer in that period. Periods studied include Classical, Florentine Renaissance, Baroque, Rococo, Victorian, and 20th century.

Prerequisite: INT171

INT460 Studio XII: Capstone Project II-Design

4 Credit Hours

Students research and design an in-depth interiors project featuring residential and/or commercial design. Students apply all the skills and knowledge developed through their course of study in interior design.

Prerequisite: INT420

INT483 Internship

4 Credit Hours

Provides a field-based internship experience, where students acquire career/professional skills within the interior design industry.

Prerequisite: INT281