IND Interior Design

IND 100 Theory and Fundamentals of Design (1-2) 2 crs.
Introduces students to theoretical principles and nomenclature of design. Studies theories pertaining to elements and principles of design, color theory, psychology and color phenomenology as it relates to interior design. Studies human environment, proxemics and spatial behaviors. Examines universal design, designing for specific cultures and genders as well as other topical subjects. Covers the interior design profession, professional organizations and career employment.
Recommended Corequisite: IND 101.

IND 101 Interior Design Studio I (2-2) 3 crs.
Studies interior design room arrangement and furniture selection. Investigates the elements and principles of design as they relate to interiors. Studies aesthetic aspects of interior design. Develops interior projects using space planning, furniture selection, the development of furniture elevations, and presentation techniques. (NOTE: Students will need to purchase a drafting kit in addition to textbooks.)
Prerequisite: Prior or concurrent enrollment in IND 100.

IND 102 Interior Design Studio II (2-2) 3 crs.
This course is only offered in the spring term.
Continues the study of interior space planning and furniture selection as it relates to a functional and aesthetic interior. Investigates the use of fabric, finishes, color, and texture to complement the interior. Explores aesthetic application of color in interior design.
Prerequisite: IND 101, IND103, and IND 106 with grades of C or better.

IND 103 History of Furniture and Interior Architecture (3-0) 3 crs.
This course is only offered in the fall term.
Presents a survey of furniture and interior design from antiquity to the present with an emphasis on European and American traditions, their history, and contemporary applications. Addresses the many types of furniture and architectural interiors as well as the historical and cultural factors that influenced their emergence. Investigates the role of manufacturing processes and innovations to deepen the students' understanding of the furniture and interiors. Explores the history of the marketing and sale of furnishings as well as its relevance to contemporary commercial applications.

IND 106 Materials and Sources (3-0) 3 crs.
This course is only offered in the fall term.
Studies the construction and finishing of materials other than those of a structural nature, including limitations, quality control, application, uses, installation methods, and quantity calculations. Examines sources available to the designer.

IND 107 Interior Perspective and Rendering (2-2) 3 crs.
This course is only offered in the spring term.
Studies drawing and sketching methods of furniture and interior spaces. Develops drawing techniques for interior perspective views of buildings. Explores the use of axonometric drawing and the use of various medias to present the three-dimensional delineation of interior design. Examines balance and proportions of interior items within a three-dimensional space. Uses drawing techniques and color to define light and shadow, textures, material characteristics.
Prerequisite: ART 121, IND 100 and IND 101 with grades of C or better.

IND 110 Problem Solving/Design Communication (1-2) 2 crs.
This course is only offered in the spring term.
Introduces the process of visual communication for interior designers. Identifies interior and architectural challenges and examines the design process of problem-solving through space analysis and planning. Utilizes collaborative methods to develop appropriate design strategies and solutions. Applies research and the use of elements and principles of design to skillfully manipulate interior spaces. Utilizes conceptual sketching and oral presentation to communicate design solutions.
Prerequisite: IND 100 and IND 101 with grades of C or better.

IND 114 Codes for Interior Designers (1-2) 2 crs.
This course is only offered in the spring term.
Examines how interior building codes, governmental standards and federal regulations affect and are applied to interior design. References the International Codes, National Fire Protection Association standards and various accessibility requirements including the Americans with Disabilities Act.
Prerequisite: IND 101 with a grade of C or better.

IND 116 Interior Detail/Construction Drawing (2-2) 3 crs.
This course is only offered in the spring term.
Studies the methods and materials of interior construction and the graphic methods of communicating this information. Practices fundamental drafting conventions and develops drawing skills necessary for the production of working drawings such as floor plans, elevations, sections, finish schedules, reflected ceiling plans, and details. Discusses methods of electrical, plumbing, and HVAC distribution.
Prerequisite: ARC 116, IND 100 and IND 101 with grades of C or better.

IND 203 3-D Design Studio (2-2) 3 crs.
This course is only offered in the fall term.
Studies advanced problems in three-dimensional interior design which concentrate on the development of relationships of interior furnishings, walls, floors and ceilings into a unified design. Applies principles and elements of design theory within a three-dimensional volume of space.
Prerequisite: IND 102, IND 107, IND 114 and IND 116 with grades of C or better.

IND 206 Architectural Lighting (3-1) 3 crs.
This course is only offered in the fall term.
Examines artificial and natural lighting in interior design. Considers environmental comfort, effects on colors and information required for selection and placement of luminaires. Reviews lighting sources, sustainability, energy codes and human performance. Acquaints students with lighting documentation and calculation methods as they relate to the lighting design process.
Prerequisite: IND 101 with a grade of C or better.

IND 207 Interior Design Internship (1-10) 3 crs.
Provides an opportunity for selected students who meet the prerequisite requirements to work with professionals in approved residential and contract design firms, retail stores, wholesale stores and showrooms specializing in interior design and related products. Students are exposed to various aspects of the interior design field and must present a report about their experience. Recommended preparation: ENG 101 or ESL coursework, or testing equivalency.
Prerequisite: IND 203, IND 206 and IND 230 with grades of C or better; or consent of program coordinator.

IND 209 Contract Design Studio (2-2) 3 crs.
This course is only offered in the spring term.
Applies interior design skills and disabled access to contract interior projects, including floor plans, elevations or perspectives, cabinet drawings, lighting plans, selection of contract furnishings and finishes. Projects may include office spaces, restaurants, and other public buildings.
Prerequisite: ARC 116, IND 116, IND 203, IND 206, and IND 230 with grades of C or better.

IND 211 Professional Practices for Interior Design (3-0) 3 crs.
This course is only offered in the spring term. Examines the business principles required for a successful interior design practice, including establishing an interior design practice, design project business issues, billing, writing client contracts, interviewing and job opportunities.
Prerequisite: IND 101 with a grade of C or better.

IND 215 Topics in Interior Design (0.5-0 to 3-0) 0.5-3 crs.
Studies selected problems or topics in interior design. The exact content and instructional methodology will vary semester to semester depending on the material to be studied. A syllabus or course outline containing additional information will be available with pre-registration materials each time that the course is offered. This course may be repeated two times to a maximum of three credit hours.

IND 217 Advanced Sketching and Perspective Drawing (1-2) 2 crs.
This course is only offered in the summer term.
Reviews the development of two-point, mechanical perspective drawing. Studies freehand drawing and sketching methods of interior and exterior spaces. Develops drawing techniques for interior perspective views of buildings. Explores the use of various media to define light, shadows, textures and material characteristics.
Prerequisite: ART 121 and IND 107 with grades of C or better.

IND 220 CAD Studio (2-2) 3 crs.
This course is only offered in the spring term.
Covers advanced CAD techniques for two-dimensional space planning and interior elevations. Introduces 3-dimensional CAD and 3-D sketching to develop perspectives and walk-throughs of interior spaces. Emphasizes development of computer graphics to augment and represent interior spaces.
Prerequisite: ARC 116 with a grade of C or better.

IND 230 Kitchen Design Studio (2-2) 3 crs.
This course is only offered in the fall term.
Examines the technical aspects and accessibility issues of designing kitchens. Practices fundamental drafting conventions including lettering, line work, dimensioning and symbol usage. Develops drawing for the kitchen including floor plans, electrical and lighting plans, elevations, and cabinet sections using NKBA guidelines and graphic presentation standards.
Prerequisite: IND 102, IND 114 and IND 116 with grades of C or better.

IND 232 Kitchen and Bath CAD Studio (2-2) 3 crs.
This course is only offered in the summer term.
Covers an introduction to kitchen and bath industry software techniques for two-dimensional space planning and interior elevations. Introduces 3-dimensional CAD to develop perspectives and walk-through of interior spaces. Emphasis is on the development of computer graphics to augment and represent kitchens, baths and other interior space.
Prerequisite: IND 230 with a grade of C or better, or consent of instructor.

IND 233 Bathroom Design Studio (1-2) 2 crs.
This course is only offered in the spring term.
Examines the technical aspects and accessibility issues of designing bathrooms. Practices fundamental drafting conventions including lettering, line work, dimensioning and symbol usage. Develops drawing for the bathroom including floor plans, electrical and lighting plans, elevations and cabinet sections using NKBA guidelines and graphic presentation standards.
Prerequisite: IND 102, IND 114 and IND 116 with grades of C or better.

IND 250 Portfolio Development (1-1) 1 cr.
Prepares students to enter the job market when completing this capstone course. Develops a professional presentation portfolio utilizing printed and multimedia applications. Explores, examines and executes various presentation options. Discusses writing and designing a resume, cover letter and interviewing techniques. Emphasizes organizing a strong body of work focused on a specific area of expertise dictated by the students' individual career goals.
Prerequisite: ARC 116, IND 203, and IND 230 with grades of C or better OR ARC 116 AND ARC 110 or ARC 213 with grades of C or better, or consent of program coordinator.

IND 281 Environmental Design (3-0) 3 crs.
This course is only offered in the fall term.
Explores building systems and their impact on the environment. Indoor air quality, thermal control, lighting, acoustic and water systems will be studied including solar power, wind power and other sustainable design energy alternatives. Applies these systems to various sustainable design projects and practices. Investigates LEED certification and other legislative issues. Studies the physical and psychological implications of environmental stress, crowding and institutional living and applies them to projects.
Prerequisite: IND 101 with a grade of C or better.