COURSES FOR CLOTHING, TEXTILES AND INTERIOR DESIGN

Clothing, Textiles and Interior Design Courses

CTD102 Applied Design
Hours 3
Basic concepts in organization and evaluation of design, and its contribution to the enrichment of living.

CTD121 Intro to Interior Design
Hours 3
Introduction to the interior design profession through a variety of assignments utilizing the design process, design theory, and interior graphic communication methods.

CTD141 Intro to Apparel Design
Hours 3
An introduction to the business of fashion with focus on the apparel designer’s role. Open to students in the Apparel Design concentration only.

CTD205 Surface Design Studio Seminar
Hours 3
Provides understanding of textile surface design through studio work. A series of selected techniques are demonstrated with hands on exercises.
Prerequisite(s): CTD 261 CTD 221

CTD215 Introduction to Rendering
Hours 3
An introduction to achromatic and contemporary color graphics media used in sketching, rendering and design drawings, with emphasis on schematics used in problem solving and rapid rendering techniques for interior delineation.
Prerequisite(s): CTD 121

CTD217 Fashion Illustration
Hours 3
Emphasis is on the development of the fashion figure, design details, fabric rendering, flats, customer profile analysis, and collection development. In addition, students using advanced computer design software, create original digital design layouts of their work. Two lectures, one laboratory.
Prerequisite(s): CTD 102 and ART 110

CTD221 Materials for Design
Hours 3
Introduction to interior surface materials and resources used in the interior environment including application and aesthetics.

CTD225 Residnt Des/Graphic Comm
Hours 3
Fundamentals of residential interior design focusing on presentation methods and hand drawing. An exploration of universal design, sustainability, and programming.
Prerequisite(s): C- or better in CTD 121
Prerequisite(s) with concurrency: CTD 330 Corequisite

CTD226 Nonresidential Design
Hours 3
Fundamentals of nonresidential interior design with emphasis on presentation graphics. Exploration of programming, spatial organization, and codes and standards for the business environment.
Prerequisite(s): CTD 121, CTD 225 with a C- or higher

CTD231 Sewn Products Analysis
Hours 3
Structural analysis of textile products for apparel and household use. Focus on products, standards, specifications, and relationships among performance, quality, and price.
Prerequisite(s): CTD 261 CTD 281

CTD241 Apparel Construction
Hours 3
Introduction to apparel producer-retailer relationships. Emphasis on quality control and time management in meeting apparel specifications through application of apparel construction, fitting, and pattern alteration principles. Two laboratories.
Prerequisite(s): CTD 141 with a minimum grade of C-

CTD245 Apparel Production
Hours 3
Team approach to apparel product development including market research, design concepts, garment specification writing, sourcing, costing, production, quality control, and promotional materials. Two laboratories.
Prerequisite(s): CTD 241 with a minimum grade of C-

CTD250 Construction Procedures for Interior Design
Hours 3
Building construction for interior design with emphasis on architectural procedures and systems including electrical, plumbing, lighting, acoustical, and thermal control.

CTD255 Comp Appl for Interior Design
C
Hours 3
This course will provide students with a basic understanding of computer software applications and project documentation commonly used in interior design. Software introduced includes: Photoshop, InDesign, Sketchup, and 3D Studio Max. Computing proficiency is required for a passing grade in this course.
Prerequisite(s): CTD 226

Computer Science

CTD261 Textiles
Hours 3
CTD281 Fundamentals of the Fashion Industry
Hours 3
Organization, promotion methods, and interrelationship of the textiles, apparel, and retailing industries. Includes consumer demand and diffusion of fashion.

CTD292 Trend Analysis and Fashion Forecasting
Hours 3
This class provides an overview of theories and techniques for identifying and utilizing consumer, aesthetic, and quantitative trends. Survey understanding the methods for determining past, current, and future trends within and between the disciplines of forecasting - textiles, color and style forecasting.
Prerequisite(s): CTD 281 CTD 261

CTD301 Interior Design Study Tour
Hours 3
To provide experiences which will increase the students' knowledge of modern furniture, textiles, artwork and architecture through a variety of learning experiences. A review of 20th century furniture design, class discussions, an assigned research paper and presentation, the design of a chair, travel for attendance at a professional conference and extended field trip to distinctive design venues, as well as presentations by professionals, are among the varied learning options presented in this course.

CTD302 Fashion Capitals Study Abroad Tour- New York, London, Paris, & Milan
Hours 4
A course designed to provide new and diverse experiences to increase understanding of the fashion, apparel, and textile-related industries through design, merchandising and retailing venues in the four major fashion capitals of the world (New York, London, Paris, and Milan). Range of learning environments promoted, including class discussions, company profile reports, assigned readings, journaling and presentations by professionals in the fashion industries of the four cities.
Prerequisite(s): CTD 281, Minimum 2.5 GPA

CTD304 Textile Design
Hours 3
Using the latest computerized design systems, students create original designs, repeats, colorways, and coordinates targeting specific markets. Emphasis is on the creative use of advanced software, awareness of industry trends and the development of an original portfolio of digitally produced designs.
Prerequisite(s): CTD 102

CTD305 Visual Merchandising
Hours 3
Introduces contemporary display techniques, equipment, and materials for designing three-dimensional product presentations within the retail environment. Using advanced computer software, students create and execute original visual programs and storewide promotions. Two lectures, one laboratory.
Prerequisite(s): CTD 292, and CTD 281

CTD319 Textile Design
Hours 3
Prerequisite(s): CTD 102

CTD320 Visual Merchandising
Hours 3
Introduces contemporary display techniques, equipment, and materials for designing three-dimensional product presentations within the retail environment. Using advanced computer software, students create and execute original visual programs and storewide promotions. Two lectures, one laboratory.
Prerequisite(s): CTD 292, and CTD 281

CTD321 History of Interiors I
Hours 3
Study of the furnishings, interior treatments, and life spaces characteristic of selected styles from antiquity to the present.
Prerequisite(s): CTD 226

CTD323 Interior Design Internship Sem
Hours 1
Exploration of internship possibilities and requirements, development of job-search skills and internship placement.
Prerequisite(s): CTD 325

CTD325 Design for Special Populations
Hours 4
Design of interior environments for persons with special needs such as health care, rehabilitation, education, and congregate-care interiors. Cabinet and millwork design.
Prerequisite(s): C- or higher in CTD 226

CTD326 Design For Hospitality Interiors
Hours 4
Planning and design of interior spaces; project management; design and specification of interior architectural materials and furnishings.
Prerequisite(s): C- or higher in CTD 325

CTD328 ID Professional Practice
Hours 3
Philosophy and organization of professional practice of interior design; studio management, contracts, budgets, specifications, professional organizations and prep for LEED certification.
Prerequisite(s): CTD 226

CTD330 AutoCAD for Interior Design
Hours 3
Introduction to computer-aided design applications within the field of interior design.
Prerequisite(s) with concurrency: Corequisite: CTD 225

CTD340 Portfolio Development
Hours 3
Dedicated to the study and completion of a student portfolio.
Prerequisite(s): CTD 226

CTD349 Compt-Aid Apparel Design
Hours 3
Application of computer technology to fashion illustration, apparel design, marker making, pattern making, and pattern grading. Two laboratories.
Prerequisite(s): CTD 350
CTD350 Flat Pattern Design
Hours 4
Principles and procedures governing the development and use of basic working (Block/Sloper) patterns. Use of manual flat pattern methods to develop patterns. Emphasis on the design process culminating in the designing of original apparel by the flat pattern method.
Prerequisite(s): CTD 102 and CTD 141 and CTD 241 and CTD 245 with a minimum grade of C-

CTD351 Apparel Des Thru Drpng
Hours 4
Techniques of creating a pattern or garment by working in 3-D by draping on a dress form are applied in the execution of original design.
Prerequisite(s): CTD 350 with a minimum grade of C-

CTD353 Language of Design
W
Hours 3
This course will provide students with a basic understanding of the environmental psychology of design, human behavior and movement, Italian culture, Italian fashion, and the effect these systems have on elements of design. This course provides a structure by which students can partake in a focused study of the built environment and design trends in Italy, within the framework of environmental design. These ideas are presented in a format that also develops the students' writing skills as one mode of communication within Interior Design. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper division student will not earn a passing grade, no matter how well the student performs in other areas of the course. Such proficiency includes the ability to write coherent, logical, and carefully edited prose.
Prerequisite(s): EN 101 and EN 102; or EN 103 and CTD 121
Writing

CTD355 Global Influences on Design
Hours 3
This course will provide students with a basic understanding of environmental psychology of design, human behavior and movement, Italian culture, Italian fashion, and the effect these systems have on elements of design. This course provides a structure by which students can partake in a focused study of the built environment and clothing trends in Italy, within the framework of environmental design. These ideas are presented in a format that also develops the students' writing skills as one mode of communication within Interior and Apparel Design.
Prerequisite(s): CTD 121

CTD356 Fashion Merchandising I
Hours 3
This course provides a comprehensive study of the merchandising process including apparel buying and planning, elements of financial analysis, application of planning and buying principles, the wholesale selling process, and the development of problem solving skills in the context of a merchandising environment.
Prerequisite(s): MATH 112, CS 285, and (AC 210 or AC 211) each with a minimum grade of C-
Prerequisite(s) with concurrency: CTD 461

CTD359 Lighting For Interiors
Hours 3
Integration of the theory, techniques, and art of lighting design; principles, terminology, and equipment used in light distribution systems in the interior environment.
Prerequisite(s): CTD 226

CTD374 Digital Commerce
Hours 3
This course provides students with an in-depth exploration of the field of global e-commerce. Students examine how business strategies and fundamental technologies are used in fashion e-commerce and how managers can effectively use digital commerce to execute their organization's strategic plans.
Prerequisite(s): CTD 281

CTD381 Fashion Retailing Seminar
Hours 1
Focus on professional development and profit analysis. Exploration of internship possibilities and requirements, development of job-search skills, and internship placement. Enrollment open to students applying for fashion retailing internships.

CTD387 Fashion Marketing
Hours 3
This course examines traditional and digital marketing strategy, implementation, and executional considerations for fashion brands. It provides a detailed understanding of all marketing channels and platforms for fashion brands and retailers.
Prerequisite(s): CTD 281

CTD415 History Textile Design
W
Hours 3
Study of the history of textiles emphasizing the influence of cultural factors. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.
Writing

CTD416 Hand Weaving
Hours 3
The study of original textile design by handloom weaving, including yarn selection, warp yarn preparation, dressing the loom, interpretation of weave drafts, loom-controlled and finger weaving techniques, and methods of finishing loom projects. Hand spinning and dyeing of wool yarns with natural dyes in an outdoor setting are also included. These hand-dyed yarns are used in a loomed project. For those interested drafting by computer software, working with "Weave It-Pro" may be included.
**Courses for Clothing, Textiles and Interior Design**

**CTD422 Research and Theory for Interior Design**  
*W*  
Hours 3  
Study of research methods and design theories utilizing historical knowledge from CTD 321. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course. Offered in the spring semester.  
Prerequisite(s): CTD 425  
Writing

**CTD423 Intern Interior Design**  
Hours 3  
Experience in interior design or related business under supervision of advisor and the business management. Offered during the summer session.

**CTD425 Advanced Residential Design**  
Hours 4  
Problems in design of the home environment; individual and group problem solving. Emphasis is on historic preservation principles and practices for interior designers.  
Prerequisite(s): C- or higher in CTD 326

**CTD426 Advanced Design**  
Hours 4  
Problems in design of business and professional interiors; construction drawings using computer-assisted design; individual and group problem solving. Requires senior thesis.  
Prerequisite(s): C- or higher in CTD 425

**CTD427 Advanced Computer Applications in Design**  
C  
Hours 3  
This course will provide students with an introduction to software applications for interior design problem-solving and project documentation utilizing AutoCAD Revit. Skills are presented in a format that emphasized the use of the computer as a creative tool, developing computing skills relevant to the design industry. Computing proficiency is required for a passing grade in this course.  
Prerequisite(s): CTD 250  
Computer Science

**CTD447 Text Apparel Intnt Trade**  
W  
Hours 3  
Study of the evolution of the textile industry and its products, emphasizing multinational characteristics and contemporary issues. Writing proficiency is required for a passing grade in this course. A student who does not write with the skill normally required of an upper-division student will not earn a passing grade, no matter how well the student performs in other areas of the course.  
Prerequisite(s): EC 110 or EC 112 or EC 111 or EC 113; and CTD 281  
Writing

**CTD448 History Of Costume**  
Hours 3  
Costume development from prehistoric to modern times. Study of cultural forces in relation to the evolution of costume.

**CTD450 Advanced Apparel Design**  
Hours 4  
This course emphasizes synthesis and application of design theories and the procedures and processes used in the apparel industry. Development of a portfolio of original design work is required. Two laboratories.  
Prerequisite(s): CTD 350 and CTD 351 with a minimum grade of C-

**CTD461 Quality Control for Textiles**  
Hours 3  
Use of standard laboratory test methods and computerized statistical data analysis to evaluate the quality of textile products.  
Prerequisite(s): CTD 261 CTD 231 or CTD 241

**CTD481 Fashion Merchandising II**  
Hours 3  
Merchandise planning and control; techniques of merchandising, including unit and dollar assortment planning, inventory control, and procurement.  
Prerequisite(s): CTD 361  
Prerequisite(s) with concurrency: CTD 381

**CTD485 Intern Fashion Retailing**  
Hours 9  
To participate, students must make application to the department by the first day of classes during the spring semester of the junior year. A grade point average of 2.50 or higher is required for the professional courses specified under “Fashion Retailing Concentration for AT Majors” in this catalog. The course involves supervised work experience in a business related to the major field of study.  
Prerequisite(s): CTD 381

**CTD498 Directed Indiv Studies**  
SP  
Hours 1-6  
Independent Study.  
Special Topics Course
CTD499 Directed Undergraduate Research

SP

Hours 1-6

Under faculty supervision, the student will participate in a research project.

Special Topics Course