

# Interior Design

## Interior Design (A30220)

### Degree Awarded

The Associate in Applied Science Degree - Interior Design is awarded by the College upon completing this program.

### Admissions

- A high school diploma or equivalent is required. GED High School Equivalency and High School Diploma classes are available at Central Piedmont.
- Central Piedmont placement tests are required in English and mathematics. Developmental Studies in mathematics and English courses are available for students to build basic skills and knowledge.
- A counseling/orientation appointment follows placement testing.
- Contact the Program chair to enter the Interior Design program.
- Many courses have prerequisites or co-requisites; check the Courses section for details.

### Contact Information

For more information, call the Interior Design Department at 704.330.6548, or visit the Interior Design Program website.

#### General Education Requirements

ENG 111	Writing and Inquiry	3.0
PSY 150	General Psychology	3.0
Take one of the following:		3.0
ENG 112	Writing and Research in the Disciplines	
ENG 113	Literature-Based Research	
ENG 114	Professional Research & Reporting	
COM 110	Introduction to Communication (Take one of the following)	
COM 231	Public Speaking	
Take one of the following		3.0
MAT 110	Mathematical Measurement and Literacy	
MAT 143	Quantitative Literacy	
MAT 152	Statistical Methods I	
MAT 171	Precalculus Algebra	
Take 1 course:		3.0
ART 114	Art History Survey I	
ART 115	Art History Survey II	

#### Major Requirements

ACA 122	College Transfer Success	1.0
DES 110	Architectural Graphics	2.0
DES 112	Building and Construction Systems	3.0
DES 120	CAD for Interior Design	2.0
DES 125	Visual Presentation I	2.0
DES 130	Digital Applications and Interior Design	3.0
DES 135	Principles and Elements of Design I	4.0
DES 210	Professional Practices for Interior Design	2.0
DES 220	Interior Design Fundamentals	3.0
DES 225	Textiles for Interiors	3.0

DES 230	Residential Design I	3.0
DES 231	Residential Design II	3.0
DES 235	Products	3.0
DES 240	Commercial and Contract Design I	3.0
DES 241	Commercial/Contract Design II	3.0
DES 255	History of Interiors and Furnishings I	3.0
DES 275	Furniture Design & Construction	3.0
DES 280	Codes and Standards/Interior Design	3.0

#### Technical Electives

Select 4 credits of the following:		4.0
DES 115	Color Theory	
DES 121	CAD for Interior Design/Advanced	
DES 242	Kitchen and Bath Design	
DES 265	Lighting/Interior Design	
SST 140	Green Building and Design Concepts	
ARC 112	Construction Materials & Methods	
ARC 225	Architectural Building Information Modeling I	
WBL 111	Work-Based Learning I	
WBL 112	Work-Based Learning I	
DES 243	Advanced Kitchen and Bath Design	

**Total Credits** **68**

**DES 110. Architectural Graphics. 2.0 Credits.** Class-0.0. Clinical-0.0. Lab-6.0. Work-0.0

This course introduces basic drafting skills and techniques. Emphasis is placed on the use of drafting equipment, lettering, dimensioning, elevations, sections, construction details, and design standards as related to interior design. Upon completion, students should be able to complete construction documents skillfully utilizing principles of drafting.

**DES 112. Building and Construction Systems. 3.0 Credits.** Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course provides an overview of the residential construction process for the interior designer. Emphasis is placed on providing the fundamental knowledge needed by the designer in residential construction basics and methods, including electrical and lighting, plumbing, sustainability, mechanical and ventilation, and the building envelope. Upon completion, students should be able to demonstrate effective communication required for effective collaboration with architects, engineers, and building contractors.

Prerequisites: Take DES 110

**DES 115. Color Theory. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course introduces the element of color as a major design factor. Emphasis is placed on the physical, psychological, and other implications of color in design. Upon completion, students should be able to demonstrate knowledge of color and its effects on the human environment.

**DES 120. CAD for Interior Design. 2.0 Credits.** Class-0.0. Clinical-0.0. Lab-6.0. Work-0.0

This course introduces basic computer-aided design and drafting skills and techniques within interior design applications. Emphasis is placed on the most common computer commands used in architectural drafting and design to draw, edit, manipulate layers, and create templates. Upon completion, students should be able to use specific computer applications to complete drawings and plot/print.

Prerequisites: Take DES 110

**DES 121. CAD for Interior Design/Advanced. 2.0 Credits.** Class-0.0. Clinical-0.0. Lab-6.0. Work-0.0

This course provides advanced techniques in drafting on the computer and the applications of computer-aided design for various projects. Emphasis is placed on specific exercises that integrate and reinforce the presentation topics into a scaled drawing. Upon completion, students should be able to draw, transfer, and plot assigned floorplans in an efficient and accurate manner using the computer equipment and software provided.

Prerequisites: Take DES 120

**DES 125. Visual Presentation I. 2.0 Credits.** Class-0.0. Clinical-0.0. Lab-6.0. Work-0.0

This course introduces visual presentation techniques for communicating ideas. Topics include drawing, perspective drawing, rendering and mixed media. Upon completion, students should be able to present a design concept through graphic media.

**DES 130. Digital Applications and Interior Design. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-3.0. Work-0.0

This course introduces digital applications using current appropriate software and emerging technologies. Emphasis is placed on the operation of computer software in interior design applications. Upon completion, students should be able to use digital media to prepare a design solution. Focus of this course will be 3D modeling using SketchUP and/or other design software as appropriate.

**DES 135. Principles and Elements of Design I. 4.0 Credits.** Class-2.0. Clinical-0.0. Lab-4.0. Work-0.0

This course introduces the basic concepts and terminology of design as they relate to the design profession. Topics include line, pattern, space, mass, shape, texture, color, unity, variety, rhythm, emphasis, balance, proportion, scale, and function. Upon completion, students should be able to demonstrate an understanding of the principles covered through 2D and 3D exploration.

**DES 210. Professional Practices for Interior Design. 2.0 Credits.** Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces contemporary business practices for interior design. Topics include employment skills, business formations, professional associations, preparation of professional contracts and correspondence, and means of compensation. Upon completion, students should be able to demonstrate an understanding of basic business practices as they relate to the interior design profession.

Prerequisites: Take DES 220

**DES 220. Interior Design Fundamentals. 3.0 Credits.** Class-1.0. Clinical-0.0. Lab-6.0. Work-0.0

This course provides an introduction to the application of interior design principles. Emphasis is placed on spatial relationships, material selections, craftsmanship, and visual presentation techniques. Upon completion, students should be able to apply interior design principles and illustrate design solutions through visual communication.

Prerequisites: Take One set: Set 1: DES 135 and ARC 111; Set 2: DES 110; Set 3: DES 125; Set 4: DFT 115

**DES 225. Textiles for Interiors. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course includes the study of textiles and their applications for a variety of interiors. Emphasis is placed on history, manufacturing processes, fiber characteristics, and residential and non-residential applications. Upon completion, students should be able to specify appropriate textiles.

**DES 230. Residential Design I. 3.0 Credits.** Class-1.0. Clinical-0.0. Lab-6.0. Work-0.0

This course includes principles of interior design for various residential design solutions. Emphasis is placed on visual presentation and selection of appropriate styles to meet specifications. Upon completion, students should be able to present scaled floor plans, elevations, specifications, color schemes finishes and furniture selection.

Prerequisites: Take DES 112 DES 120 DES 130 DES 220

**DES 231. Residential Design II. 3.0 Credits.** Class-1.0. Clinical-0.0. Lab-6.0. Work-0.0

This course provides advanced projects with a client profile that utilizes the skills developed in DES 230. Emphasis is placed on a total concept and the presentation of appropriate and creative design solutions. Upon completion, students should be able to complete a detailed floorplan, space planning, furniture plan, specifications, program schedules, finishes, and detailed window treatments.

Prerequisites: Take DES 280

**DES 235. Products. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course provides an overview of interior products. Topics include floor coverings; wall coverings and finishes; ceilings, moldings, and furniture construction techniques; and other interior components. Upon completion, students should be able to identify and select appropriate materials and furnishings for interior spaces based on application.

**DES 240. Commercial and Contract Design I. 3.0 Credits.** Class-1.0. Clinical-0.0. Lab-6.0. Work-0.0

This course is designed to focus on commercial/contract design including retail, office, institutional, healthcare and hospitality design. Emphasis is placed on ADA requirements, building codes and standards, space planning, and selection of appropriate materials for non-residential interiors. Upon completion, students should be able to analyze design and present non-residential projects.

Prerequisites: Take DES 112 DES 120 and DES 130

**DES 241. Commercial/Contract Design II. 3.0 Credits.** Class-1.0. Clinical-0.0. Lab-6.0. Work-0.0

This course provides an in-depth study of non-residential design exploring more comprehensive design solutions such as health care facilities, furniture gallery design, and large office complexes. Emphasis is placed on design of commercial interiors and suitability of materials to meet ADA requirements, codes, and standards. Upon completion, students should be able to design non-residential spaces meeting ADA requirements and select furniture, materials, fabrics, and accessories meeting codes and flammability standards.

Prerequisites: Take DES 280

**DES 242. Kitchen and Bath Design. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course covers the fundamentals of kitchen and bath design.

Emphasis is placed on the principles and elements of kitchen and bath design, analysis of client needs, specifying products, and drafting design solutions. Upon completion, students should be able to produce basic kitchen and bath design utilizing standards established by the National Kitchen and Bath Association (NKBA).

Prerequisites: Take DES 130

**DES 243. Advanced Kitchen and Bath Design. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course covers advanced kitchen and bath design. Emphasis will be placed on universal design solutions, producing professional working documents, and mastery of developing and presenting a design concept and theme. Upon completion, students should be able to execute complex kitchen and bath designs.

Prerequisites: Take DES 242

**DES 255. History of Interiors and Furnishings I. 3.0 Credits.** Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces architecture, interiors, and furnishings in a variety of historic styles from Prehistoric to Neoclassical. Emphasis is placed on vocabulary, chronology, and style recognition. Upon completion, students should be able to recognize, classify and describe major styles of furniture, interiors, and architecture.

**DES 265. Lighting/Interior Design. 2.0 Credits.** Class-1.0. Clinical-0.0. Lab-2.0. Work-0.0

This course introduces theory and contemporary concepts in lighting.

Topics include light levels, light quality, lamps and fixtures, and their use and application in interior design. Upon completion, students should be able to visually communicate light concepts and requirements based on national standards and select solutions for specific lighting scenarios.

**DES 275. Furniture Design & Construction. 3.0 Credits.** Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course introduces contemporary furniture design and construction techniques used in custom and handmade furniture building. Topics include design and manufacturing processes and materials selection for handmade and production, case goods, and upholstery manufacturing. Upon completion, students should be able to design and describe manufacturing processes used in both case goods and upholstered furniture manufacturing.

Prerequisites: Take DES 130 and DES 220

**DES 280. Codes and Standards/Interior Design. 3.0 Credits.** Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces standard building codes as they relate to interior design. Topics include state and federal codes and standards related to accessibility, fire codes, egress, occupancy, and plumbing requirements. Upon completion, students should be able to research and interpret and apply applicable codes.

Prerequisites: Take DES 110