

# ID A215: INTERIOR DESIGN STUDIO 2

Item	Value
Curriculum Committee Approval Date	03/23/2022
Top Code	130200 - Interior Design and Merchandising
Units	3 Total Units
Hours	90 Total Hours (Lecture Hours 36; Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S)

## Course Description

Develop, analyze, and apply design concepts to interior environments. Advanced space planning, lighting systems, interior components, architectural elements, sustainable design and specification writing will be integrated into research projects emphasizing a problem solving approach. PREREQUISITE: ID A170. ADVISORY: ID A210. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Analyze client needs according to end user needs, functional space requirements, existing architectural elements and site conditions.
2. Design workable solutions for space planning, lighting and code compliance as identified in analysis of client needs.
3. Produce graphic depictions of design solutions in presentation quality.

## Course Objectives

- 1. Analyze client needs according to end-user needs, functional space requirements, budgetary requirements, public image, existing architectural elements, and site conditions.
- 2. Develop and write an appropriate design concept based on the analysis of client needs.
- 3. Design, draw, and specify custom cabinetry and furniture.
- 4. Develop workable solutions for space planning, lighting, and ADA requirements as identified in analysis of client needs.
- 5. Develop schedules and write specifications for finishes, products, and materials.
- 6. Draw and render graphic depictions of the space in presentation quality.
- 7. Orally present the completed project in a professional manner.
- 8. Demonstrate an understanding of current issues, trends, and ethics impacting the field of interior design.

## Lecture Content

Overview of the profession of Interior Design Ethics moral vs. legal Current Trends Current Issues Green Design Universal Design Current Legislation ADA Requirements Certification Licensing Skills Review Drafting tools and techniques Reprographic methods Document coordination Working Drawings Presentation Drawings Model-Making Programming Design Process Analysis Synthesis Program Concept Design Concept Codes Building Safety Barrier-free design Physical Psychological As applied to ADA Interior Construction Doors and windows Stairways Fireplaces Wall Types Systems Plumbing HVAC Electrical Acoustics Terminology science Effects Design Solutions Furniture Fixtures Custom Cabinetry Drawing Details Materials selection Systems furniture Writing Specifications Terminology Product specs Legal issues Lighting Technical Design Reflected Ceiling Plans Communication/Presentation Methods Oral Graphic Written Software PowerPoint, Sketch-up, Adobe Acrobat

## Lab Content

I. Drawing Types/ImplementationA. Drafting tools and techniquesB. Reprographic methodsC. Document coordinationD. Working DrawingsE. Presentation DrawingsF. Model-Making II. ProgrammingA. Design ProcessB. Room/size standardsC. Square footage calculations III. Building CodesA. Integration into space plans B. Universal Design/ADA integrationC. Egress and Occupancy IV. Furniture FixturesA. Custom CabinetryB. Drawing DetailsC. Materials selectionD. Systems furniture V. Writing SpecificationsA. TerminologyB. Product specsC. Legal issues VI. LightingA. Identify and SpecifyB. DesignC. Reflected Ceiling Plans

## Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)
- Lab (04)
- DE Live Online Lab (04S)
- DE Online Lab (04X)

## Instructional Techniques

Lecture, demonstration, laboratory, critique (instructor/student), video, research, and student presentation.

## Reading Assignments

Assigned reading and research from Industry trade publications, websites and journals. (8 hours outside of lab time)

## Writing Assignments

(8 hours outside of lab time)Systems furniture specification and budget.

## Out-of-class Assignments

(25 hours outside of lab time)Plan the interior space for a mixed-use residential and commercial unit integrating universal design principals to address a disability. Project includes written design concept, written specifications, floor plans and detail drawings in presentation format. (6 hours outside of lab time)Group research project emphasizing an aspect of commercial interior design with both a written and digital media presentation outcome. (25 hours outside of lab time)Plan the interior of a commercial space including floor plan, ceiling plan, elevations, 3D studies, adherence to building codes, and interior finish materials based on research of the proposed client program. Comprehensive project to conclude with verbal presentation of proposed solution.

## **Demonstration of Critical Thinking**

Individual and Group Student projects, class presentations, research, examinations, and student and participation.

## **Required Writing, Problem Solving, Skills Demonstration**

Project 1: (Evaluated by graphic display and student presentation using pre-determined rubric) Plan the interior space for a mixed use residential and commercial unit integrating universal design principals to address a disability. Project includes written design concept, written specifications, floor plans and detail drawings in presentation format.

Project 2: (Evaluated by graphic display and student presentation using pre-determined rubric) Group research project emphasizing an aspect of commercial interior design with both a written and digital media presentation outcome. Project 3: (Evaluated by graphic display written specifications with student presentation using pre-determined rubric) Systems furniture specification and budget. Project 4: (Evaluated by graphic display and student presentation using pre-determined rubric) Plan the interior of a commercial space including floor plan, ceiling plan, elevations, 3D studies, adherence to building codes, and interior finish materials based on research of the proposed client program.

Comprehensive project to conclude with verbal presentation of proposed solution.

## **Eligible Disciplines**

Interior design: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

## **Textbooks Resources**

1. Required Piotrowski, Christine M. ASID, IIDA and Elizabeth Rogers, IIDA. Designing Commercial Interiors, 3rd ed. New Jersey: John Wiley Sons, Inc. , 2016 2. Required Dechiara, Joseph, Julius Panero, and Martin Zelnik. Time Saver Standards for Interior Design and Space Planning, ed. New York: McGraw-Hill Professional, 2001 Rationale: latest