INDE 52 Course Outline as of Fall 2024

CATALOG INFORMATION

Dept and Nbr: INDE 52 Title: INTER ENVR & SPACE PLAN
Full Title: Interior Environment and Space Planning
Last Reviewed: 9/11/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	6	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	INDE 80.1

Catalog Description:
Students will learn space-planning techniques for both residential and commercial interiors through explorative design. Topics will include universal design, sustainability, resource management, lighting, and environmental psychology. Field trip(s) are required.

Prerequisites/Corequisites:
Course Completion of INDE 20 and INDE 50

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Students will learn space-planning techniques for both residential and commercial interiors through explorative design. Topics will include universal design, sustainability, resource management, lighting, and environmental psychology. Field trip(s) are required. (Grade or P/NP)
Prerequisites/Corequisites: Course Completion of INDE 20 and INDE 50
Recommended:

Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
IGETC:	**Transfer Area**			Effective:	Inactive:
CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Analyze and solve space-planning problems using the physical, psychological and sociological factors that influence client preferences and drive design solutions.
2. Prepare floor plans and color boards to illustrate space planning principles that incorporate the specific needs of clients and special populations.
3. Develop plans to address proper furniture, fixture, and equipment (FFE) placement in residential and commercial environments.

Objectives:
At the conclusion of this course, the student should be able to:
1. Identify, analyze, describe, and interpret design principles and integrate them into spatial compositions.
2. Evaluate user needs to develop appropriate design parameters.
3. Communicate interior design concepts in accurate and professional graphic, oral, and written formats.
4. Utilize creative visual presentation techniques for communication of design solutions.
5. Demonstrate the use of design applications for special populations.
6. Demonstrate knowledge of resource management and environmental responsibility in specifying materials for design projects.
7. Develop and implement a post-occupancy evaluation (POE) for determining client satisfaction.

Topics and Scope:

Lecture-Related Topics and Scope:
I. Evaluating User Needs
   A. Client questionnaire
   B. Developing a client profile

C. Post-Occupancy Evaluation (POE)
II. Communicating Interior Design Concepts
A. Graphic formats
1. Plans
2. Elevations
3. Sections
4. Three-dimensional (3-D) rendering
5. Perspective
6. Material boards
B. Oral formats
C. Written formats
III. Historical, Regional, Cultural Design Influences and Styles
IV. Design Concepts As Related to Space Planning
A. Principles
B. Space defining elements
1. Primary elements and shapes
2. Positive space and negative space
3. Cubic space
V. Organization and Ordering Principles for Space Planning
A. Matrix
B. Bubble diagrams
C. Space allotments and standards
D. Human factors
E. Function
F. Anthropometry, proportion and scale
G. Psychological and sociological considerations
H. Environmental considerations
I. Qualities of architectural spaces
VI. Design for Special Populations
A. The Americans with Disabilities Act (ADA)
B. Elderly
C. Children
D. Universal design principles

Lab-Related Topics and Scope:
I. Architectural Details
II. Furniture Selections and Arrangements
III. Material Selections and Specifications
A. Wall
B. Window
C. Floor
D. Resource management and environmental responsibility
IV. Drawings and Sketches

Assignment:

Lecture-Related Assignments:
1. Reading (8-20 pages per week)
2. Space-planning layouts (5-8)
3. Post-occupancy evaluation(s) (POE) (1-2)
4. Discussion(s) (1-3)
5. Midterm project construction documents and client notebook

6. Final project construction documents and client notebook

Lab-Related Assignments:
1. Drawing exercises (2-4)
2. Design concept sketches (3-5)
3. Presentations

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Space-planning layouts; POE; drawing exercises; design concept sketches	Problem solving 30 - 50%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Presentations	Skill Demonstrations 5 - 15%

Exams: All forms of formal testing, other than skill performance exams.

Midterm project; final project	Exams 30 - 40%

Other: Includes any assessment tools that do not logically fit into the above categories.

Participation and discussion(s)	Other Category 10 - 15%

Representative Textbooks and Materials:
Residential Interior Design: a Guide to Planning Spaces. 4th ed. Mitton, Maureen and Nystuen, Courtney. John Wiley & Sons. 2021.
Architectural Drafting And Design. 7th ed. Jefferies, Alan and Madsen, David. Cengage. 2017 (classic).
Space Planning Basics. 4th ed. Karlen, Mark and Fleming, Rob. Wiley & Sons. 2016 (classic).
Interiors: Design, Process, and Practice. 2nd ed. Clemons, Stephonie. G-W Publisher. 2017 (classic).