

INDE 80.1 Course Outline as of Fall 1999**CATALOG INFORMATION**

Dept and Nbr: INDE 80.1 Title: INT 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	17.5	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 Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: INDE 80A

Catalog Description:

This course covers the analysis and application of the design concepts, space planning techniques and resources necessary to creatively solve problems relative to the function and quality of our human environment. The concept of integrating barrier-free design, resource management and environmental psychology into design reality is explored.

Prerequisites/Corequisites:

INDE 61.2.

Recommended Preparation:**Limits on Enrollment:****Schedule of Classes Information:**

Description: This course covers the analysis and application of the design concepts, and space planning techniques and resources necessary to creatively solve problems relative to the function and quality of our human environment. The concept of integrating barrier-free design, resource management and environmental psychology into design reality is explored. (Grade Only)

Prerequisites/Corequisites: INDE 61.2.

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:
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CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:
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UC Transfer:		Effective:		Inactive:
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CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The student will be able to:

Evaluate user needs to develop appropriate design parameters

Communicate interior design concepts in accurate and professional graphic, oral and written formats

Research cultural, regional and historical interior design styles and factors that affect design solutions

Analyze and solve space planning problems using physical, psychological and sociological factors that influence client preferences

Utilize creative visual presentation techniques for communication of design solutions

Demonstrate use of universal design principles in the planning of residential living space

Demonstrate knowledge of resource management and environmental responsibility in specifying materials for design projects

Develop and implement a post occupancy evaluation for determining client satisfaction

Topics and Scope:

Questionnaire/Profile

Research: Historical, Regional,

Cultural Design Influences & Styles Design Concept

Statement/Principles & ElementsSpace Planning Basics

Matrix

Bubble Diagrams

Space allotments/Standards (furniture sizes)

Human Factors

Function

Anthropometrics and Ergonomics

Psychological and Sociological Considerations

Environmental Considerations

Design for Special Populations

(ADA, Elderly, Children)

Architectural Details

Furniture Selections and Arrangements

Material Selections and Specifications

Wall

Window

Floor

Upholstery

Presentation Techniques

Plans

Elevations

Material Boards

Post Occupancy Evaluation

Assignment:

Various Space Planning Projects

Student Research Projects

Student Presentations

Quizzes and Tests

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.

Written homework, Reading reports, Essay exams

Writing
10 - 25%

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

Homework problems, Lab reports, Quizzes, Exams

Problem solving
20 - 30%

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

Class performances, Drawing Projects

Skill Demonstrations
30 - 45%

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

Multiple choice, Matching items, Completion, Drawing Skills

Exams
20 - 25%

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

Attendance and participation

Other Category
5 - 10%

Representative Textbooks and Materials:

Nielson, Karla & Taylor, David; INTERIORS An Introduction; 2nd Edition; Brown & Benchmark, 1993

Mace; ACCESSIBLE HOUSING DESIGN FILE - BARRIER FREE ENVIRONMENTS; Van Nostrand Reinhold, 1991

Pile, John; INTERIOR DESIGN; 2nd Edition; Prentice Hall, 1995

Kilmer, Rosemary & Kilmer, W. Otie; DESIGNING INTERIORS: Harcourt Brace Jovanovich, 1992

Supplementary Requirements;

Drafting supplies, presentation board supplies, notebook