

Environment Design and Space planning

INDE 52

Santa Rosa Junior College

FALL 2019

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CLASS: Friday 12:00PM-5:00PM
5 hours per week
Kunde Hall 111

Office Hours:
2:30 PM Thursday or
Friday 11:00 or by
appointment

TextBooks:

Residential Interior Design; a Guide to Planning Spaces,
Second edition, Maureen Mitton & Courtney Nystuen

Interior Design Illustrated

Francis D.K. Ching & Corky Binggeli, 3rd edition, 2012, ISBN-10: 1118090713F

Suggested Reading/Watching: You-Tubes (as per class assignments), Websites: www.apartmenttherapy.com, www.houzz.com, www remodelista.com, www.gardenista.com, www.pinterest.com

Additional Reading:

Text Books

Kitchen and Bath Design: A guide to planning basics
Mary Fisher Knott, CID
John Wiley & Sons, 2011, ISBN 10-0470392002

Interior Plan: Concepts and Exercises, Rengel, Robert J. Fairchild Books, 2016, isbn: 9781501310478

See Anthology by Instructor

Catalog Description:

Analysis and application of design concepts, space planning techniques and resources necessary to creatively solve problems related to the function and quality of our human environment. The concept of integrating barrier-free design, resource management and environmental psychology into a functional design will be explored.

Prerequisites:

Course completion of INDE 20 and INDE 50 or equal

Recommended Preparation:

Eligibility for ENGL 100 or ESL 100 and Course Completion or Concurrent Enrollment in INDE 128 (or INDE 65)

Student Learning Outcomes:

Students will be able to:

1. Analyze and solve space planning problems using physical, psychological and sociological factors that influence client preferences.
2. Prepare a floor plan and color board to illustrate residential space planning that incorporates specific needs of a client, and/or special populations.
3. Select cultural, regional, and historical interior design styles incorporating environmentally friendly materials and resources.

Upon completion of this course, students will be able to:

1. Identify, analyze, describe and interpret design principles and integrate 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. Assess cultural, regional and historical interior design styles and factors that affect design solutions.
5. Utilize creative visual presentation techniques for communication of design solutions.
6. Demonstrate the use of design applications for special populations.
7. Demonstrate the use of universal design principles in the planning of residential living space.
8. Demonstrate knowledge of resource management and environmental responsibility in specifying materials for design projects.
9. Develop and implement a post-occupancy evaluation (POE) for determining client satisfaction.

Topics and Scope

- I. Evaluating User Needs
- II. Communicating Interior Design Concepts
- III. Historical, Regional, Cultural Design Influences & Styles
- IV. Design Concepts

- V. Organization and Ordering Principles for Space Planning
- VI. Design for Special Populations
- VII. Architectural Details
- VIII. Furniture Selections and Arrangements
- IX. Material Selections and Specifications
- X. Presentation Techniques

Note:

Your final project will be a commercial interior

First ½ of the semester will be concentrating on residential design

You will be creating the construction documents to execute your vision.

You can work as a team on First project and the final project

GRADING

Attendance	20%
Participation	10%
Exercises	20%
Mid-term	10%
Final Project	40%

Information

Students are to adhere to the Student Conduct Standards (see catalogue)

All cellphones off during class time

Homework Assignments: All details will be given in class for future assignment

CLASS SCHEDULE

Fall 2019

Class 1

August 23

Lecture:

Introduction to course
Review of Fundamentals
What is space planning

In Class:

How to Analyze a picture of an interior
Set up Billable Hours and Grading Sheet

Work in class: Exercise 1: Inspiration Video discussion

Homework: Reducing the footprint project (Project #1)
Team remodel

Text: Chapter 1 (INTRO)
Notes:

Class 2

August 30

Lecture: CIRCULATION (Entry, Foyer, Hall)

Work In Class: Exercise 2 Color and Space planning/Focal Point

Homework: Color

Due this class: preliminary architectural space plan for Project 1. Work in teams.

Text: Chapter 2
Notes:

Class 3

Sept 6

Lecture: Public Areas (LR/DR/DEN)
Trope at Class bringing lunch

Work In Class: Project 1 Furniture space plan

Homework: Lighting project

Due this class: Color /Focal Pt. Project

Text: Chapter 3
Notes:

Class 4

Sept 13

Lecture: Kitchen

Work In Class: Exercise 4 Disappearing Spaces/Mirrors

Homework: Project 2 Disappearing Kitchen project or other disappearing space
Work alone on this project.

Due this class: Lighting project, Project 1

Text: Chapter 4
Notes:

Class 5

Sept. 20

Lecture: Bedroom

Work In Class: Exercise 5 closet

Homework: Design a closet

Due this class: Preliminary idea for **Project 2** Disappearing space

Text: Chapter 5

Notes:

Class 6

Sept 27

Lecture: Bath

Work In Class: Exercise 6 Small Spaces

Homework: Small Space project

Due this class: Presentation of **Project 2** Kitchen

Text: Chapter 6

Notes:

Class 7

Oct 4

Lecture : Workspaces (Laundry, office, etc) and Multi-level Spaces

Work in class:

Homework:

Due this class: Hand in Small Space Project

Text: Chapter 7

Notes:

Class 8

Oct. 11

Lecture: None

Mid Term Exam

Using a Commercial space as inspiration for a Residential space

Work In Class: Exercise 8- Present your mid-term solution

Homework: Mid-term

Work in Class: Exercise 8

Due this class: Hand in Multi-Functional Furniture/or Multi-level Project
Hand in time sheets and grading sheets

Text: No Textbook reading

Notes:

Class 9

Oct 18

Lecture Multi use spaces

Work In Class: Exercise 9 Multi-level Spaces

Homework: Space plan showing use of MFF or multi-level space (1 only)

Due this class:

Mid-term plans/Elevations by e-mail

Text: TBD

Notes

Class 10

Oct. 25

Lecture: : Sustainability and Environmental Design

Work In Class: Exercise 10 Recycle Furniture

Homework: Recycle Furniture Project

Due this class: Multi use space design homework

Text: Chapter 7

Notes:

Class 11

Nov. 1

Lecture: COMMERCIAL SPACE PLANNING AND ERGONOMICS

Work In Class: Commercial Space Project 3

Homework: Finish Programming and Design Concept

Due this class: Recycled Furniture Project

Text: TBD

Notes:

Class 12

Nov 8

Lecture: Human factors engineering

Work In Class: Project 3

Homework: None

Due this class: Progress on Project

Text: TBD

Notes:

Class 13

Nov. 15

Lecture: ADA and Building codes

Work In Class: Project 3

Homework: None

Due this class: Progress on Final

Text: TBD

Notes:

Notes:

Class 14

Nov 22

Lecture : Wayfinding and Jobscope

Work In Class: Field Trip to Trope

Homework: None

Due this class: Progress on Final

Text: TBD

Notes:

(NO Class Thanksgiving weekend) Nov 29

Class 15

Dec 6

Presentation of Project 3 first group

In Class: Instructor to give feedback and make suggestions for improvement

Class 16

Dec 13

Presentation of Project 3 second group

In Class: Instructor to give feedback and make suggestions for improvement

Class 17

Dec 20

FIELD TRIP: House Tour of Newly Constructed Small Space

This class combined with Xmas party at 198 Mountain Sonoma
NO FINAL

