

Las Positas College
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Course Outline for INTD 35
RESIDENTIAL SPACE PLANNING
Effective: Fall 2018

I. CATALOG DESCRIPTION:

INTD 35 — RESIDENTIAL SPACE PLANNING — 3.00 units

Basic techniques in planning space for interiors. Private and group living spaces, support systems, functional planning of interior space, and color in space planning.

2.00 Units Lecture 1.00 Units Lab

Grading Methods:

Letter or P/NP

Discipline:

- Interior Design

	MIN
Lecture Hours:	36.00
Lab Hours:	54.00
Total Hours:	90.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

- A. Explain the principles of space as it relates to the utility, economy, beauty, and character of living environment
- B. Recognize the demands that group activities place on space relationships
- C. Explain the need for planning for both groups and private space
- D. Design functional work areas relating to food preparation, hygiene, and storage
- E. Describe the principles relating to lighting, heating, and ventilating
- F. Diagram floor plans and elevations accurately
- G. Create with use of color in space planning

V. CONTENT:

- A. Architectural drafting materials, their selection and use for drafting floor plans and elevations
- B. Factors to consider when selecting a home: location, climate, aesthetics, economy
- C. The function of group areas of the home for relaxation, entertainment, and dining
- D. The necessity of private areas for rest and hygiene--size, location, and layout
- E. The function of work areas, including kitchens, utility rooms, and storage areas
- F. Specific factors in home lighting
- G. Heating and cooling systems: alternative energy sources
- H. Organizing space for specific activities
 - I. Functional floor plans and electrical plans
 - J. Types of living plans: homes, apartments, mobile homes, condominiums
- K. Color in space planning
- L. Ability to draw elevations drawing of a room as well as detailed drawings.
- M. Render floor plans for good visual presentation.

VI. METHODS OF INSTRUCTION:

- A. Student projects
- B. **Field Trips -**
- C. **Lecture -**
- D. **Classroom Activity -**
- E. **Lab -**

VII. TYPICAL ASSIGNMENTS:

- A. Measure an existing room, analyze the current layout, design a new layout complete with furniture plans and render it.
- B. Measure an existing space and draft to scale both before and after along with furniture plans and rendered materials. Color board should be presented with material swatches.
- C. Draft model home floor plans from original plans and design and draw furniture and create a color board completely rendered and with material swatches.

D. Design and draw to scale a dream home of about 1500 square feet or more with elevations and floor plans.

VIII. EVALUATION:

A. **Methods**

1. Exams/Tests
2. Quizzes
3. Oral Presentation
4. Projects
5. Field Trips
6. Class Participation
7. Home Work

B. **Frequency**

1. Final exam occurs during the final examination week.
2. Quizzes occur every 3 chapters
3. Oral presentations happen 1 - 3 times during the course.
4. Projects are assigned monthly.
5. Field trips occur 1 - 2 times during the course.
6. Class participation is during each class.
7. Homework weekly.

IX. TYPICAL TEXTS:

1. Mitton, Maureen , and Courtney Nystuen. *Residential Interior Design: A Guide To Planning Space*. 3rd ed., Wiley, 2016.
2. Ellis, Patricia. *Lessons in Drawing Plans and Interiors: Studio Instant Access*. 1st ed., Bloomsbury Academics, 2018.
3. Karlen, Mark, and Rob Fleming. *Space Planning Basics*. 4th ed., Wiley, 2016.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Drafting equipment to include T-square, triangles, pens, pencils, paper, 1/4" scaled furniture templates, colored pencils, etc.