

Las Positas College
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Course Outline for INTD 51

DRAFTING FOR INTERIOR DESIGN

Effective: Fall 2008

I. CATALOG DESCRIPTION:

INTD 51 — DRAFTING FOR INTERIOR DESIGN — 3.00 units

Provides a working knowledge of tools and techniques for interior architectural drafting. emphasis on lettering, dimensioning floor plans, elevation and sections. Also, covers procedures for developing finished presentational drawings and boards.

2.00 Units Lecture 1.00 Units Lab

Grading Methods:

Letter or P/NP

Discipline:

	<u>MIN</u>
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. demonstrate the use of drafting tools and materials;
- B. employ simple drafting techniques;
- C. read design plans;
- D. use selected reproduction methods and standards in drafting;
- E. follow a simple initial design process;
- F. produce simple preliminary documents;
- G. produce simple final client drawings;
- H. bring a simple design project to completion.

V. CONTENT:

- A. Drawing tools and materials
 - 1. parallel rulers
 - 2. triangles
 - 3. scales
 - 4. drafting pencils and erasers
 - 5. vellum and sketching paper
- B. Simple drafting techniques
 - 1. lettering
 - 2. scale drawing
 - 3. dimensioning
 - 4. standard design templates
- C. Design plans
 - 1. plot plans
 - 2. site plans
 - 3. roof and ceiling plans
 - 4. floor plans
 - 5. interior and exterior elevations
- D. Reproduction methods and standards
 - 1. blueprints
 - 2. Xerox prints
 - 3. orthographic projections
 - 4. axonometric projections
- E. Simple initial design documents
 - 1. survey of existing conditions
 - 2. contract documents
 - 3. initial conceptual and preliminary design drawings
 - 4. initial detail drawings

- 5. suggested construction methods
- F. Simple preliminary design documents
 - 1. preliminary floor plans
 - 2. preliminary exterior and interior elevations
 - 3. preliminary roof and ceiling plans
- G. Simple final client drawings
 - 1. final development plans
 - 2. final floor plans
 - 3. final reflected roof and ceiling plans
 - 4. final exterior and interior elevations
 - 5. final details
- H. Project completion
 - 1. review and final revision
 - 2. final project review and presentation
 - 3. final documents

VI. METHODS OF INSTRUCTION:

- A. Readings from text and other sources
- B. **Field Trips** - to an architectural office or drafting reproduction studio
- C. Videos
- D. **Guest Lecturers** -
- E. Skill-building exercises and projects
- F. Lectures based on the text and instructor experience

VII. TYPICAL ASSIGNMENTS:

A. Exercises and Projects 1. Lettering Exercises 2. Measuring and use of a scale 3. Learning about schedules 4. Drawing walls and placing windows 5. Drawing a simple room 6. Drawing a floor plan to scale 7. Drawing an interior elevation 8. Drawing an exterior elevation 9. Drawing a roof plan 10. Drawing detail sketches (cabinets, stairs, etc.) 11. Drawing a reflected ceiling plan 12. Reproducing final plans

VIII. EVALUATION:

A. **Methods**

- 1. Other:
 - a. Weekly Exercises and Projects
 - b. Weekly Oral Exercise/Project Presentations
 - c. Final Project/Presentation

B. **Frequency**

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IX. TYPICAL TEXTS:

- 1. Faulkner, Ray, Luann Nissen and Sarah Faulkner *Inside Today's Home*. 6th ed., Thomson Wadsworth, 1994.
- 2. Kicklighter, Clois, and Joan Kicklighter *Architecture: Residential Drafting and Design*. 10th ed., Goodheart-Willcox, 2008.
- 3. Kilmer, W. Otie, and Rosemary Kilmer *Construction Drawings and Details for Interiors: Basic Skills*, Wiley, 2003.
- 4. Muller, Edward John, James G. Gaussett, and Philip A. Grau *Architectural Drawing and Light Construction*. 7th ed., Prentice-Hall, 2003.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Basic drafting equipment
- B. Other presentation supplies as needed