

Las Positas College
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Course Outline for INTD 60

MATERIALS AND RESOURCES

Effective: Fall 2010

I. CATALOG DESCRIPTION:

INTD 60 — MATERIALS AND RESOURCES — 3.00 units

Survey of residential and commercial interior furnishings with attention to product knowledge of furniture, textiles, ceramics, glass, metals, plastics and composite materials. Skills needed to perform related activities.

3.00 Units Lecture

Grading Methods:

Letter Grade

Discipline:

	<u>MIN</u>
Lecture Hours:	54.00
Total Hours:	54.00

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. analyze interior designs by measuring and pricing out materials;
- B. show an understanding of trends in the design and manufacture of furnishings and accessories for residential and commercial interiors;
- C. articulate the nature of the materials used in the production of furnishings made of wood, textiles, glass, ceramics, metal, plastics, fabrics and composite materials;
- D. identify resources and suppliers, and their business practices;
- E. assess current trends in materials and their uses in residential and commercial interiors;
- F. demonstrate an understanding of the laws governing the use of textile and other materials in commercial building;
- G. apply accurate measurements for window and floor coverings, and upholstery;
- H. assess quality materials and construction techniques for furnishings;
- I. evaluate existing commercial and residential lighting installations.

V. CONTENT:

- A. Environmental Concerns
- B. Paints and Finishes
- C. Carpet
 1. Construction methods
 2. Dyeing
- D. Floors
 1. Type of Woods
 2. Ceramic Tile
 3. Natural Stone
 4. Vinyl
- E. Walls
 1. Wallpaper and wallcovering
 2. Plywood paneling
- F. Ceilings
- G. Other Components
 1. Mouldings
 2. Doors
 3. Door Hardware
- H. Cabinet Construction
- I. Kitchens
 1. Floor plans
 2. Kitchen Appliances
 3. Cabinets
 4. Counter Materials
 5. Floors
 6. Walls

J. Bathrooms

1. Floors
2. Walls
3. Bathtubs
4. Showers
5. Faucets
6. Lavatories
7. Toilets
8. Countertops
9. Public Restrooms

VI. METHODS OF INSTRUCTION:

- A. Reading text and other industry sources
- B. **Field Trips** - to various outlets and showrooms
- C. **Guest Lecturers** -
- D. Videos
- E. **Projects** -
- F. **Lecture** - based on the text and current industry standards and practices

VII. TYPICAL ASSIGNMENTS:

Projects 1. Create a Specification Sheet based on each room in your home. 2. Create a Specification Sheet for each room in a model home. 3. Research project materials and start estimating costs for each room in your home or a model. 4. Complete a Color Board with final design and prices for your home or a model.

VIII. EVALUATION:

- A. **Methods**
- B. **Frequency**

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IX. TYPICAL TEXTS:

1. Jones, Lynn M. and Phyllis S. Allen *Beginnings of Interior Environments*. 10th ed., Prentice Hall, 2008.
2. Riggs, J. Rosemary *Materials Components of Interior Architecture*. 7th ed., Prentice-Hall, 2007.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Basic Drafting equipment
- B. Other supplies as listed in the syllabus