INTDS 220 Interior Finishes Construction Materials 3 Units

Analysis, application and evaluation of the materials and components of Interior Design and Architecture. Emphasis will be placed on the selection, specification and estimation of cost and installation criteria. Introduction to local and regional design resources, the influence of style and innovations in technology and sustainability. Flooring, paint and wall coverings, window treatments, textiles, furnishings and various surface materials will be included.

Field trips might be required. (A-F or P/NP - Student choice) Lecture

Transfer: (CSU)

II. LEARNING CONTEXT

Given the following learning context, the student who satisfactorily completes this course should be able to achieve the goals specified in Section III, Desired Learning:

A. COURSE CONTENT

1. Required Content:

   a. Overview of construction methods, terminology, and materials

   b. Accessibility, universal design and age-related issues

   c. Environmental and cultural factors, such as geographic location, site orientation, weather, HVAC needs, interior air quality (IAC), familial heritage, style

   d. Determinants of value and selection, performance evaluation of interior furnishings, finish materials and products

   e. Professional and product liability

   f. Installation criteria, methods and maintenance

   g. Furniture and cabinetry construction including determinants of quality and cost

   h. Resources for flooring, paint, tile, solid surface materials, textiles and window treatments (m.c.)

   i. NKBA guidelines, building and flammability codes

   j. Specifying, estimating, ordering, pricing

   k. Careers related to design, manufacture, sale, and installation of materials and finishes related to interior design

   l. Review of skills and knowledge required for success on state and national examinations for professional certification

B. HOURS AND UNITS
C. METHODS OF INSTRUCTION (TYPICAL)
Instructors of the course might conduct the course using the following method:

1. Lecture
2. Field trips
3. Guest speakers
4. Participation in professional events
5. Multi-media presentations
6. Product demonstration and analysis
7. Uploaded and referenced professional articles
8. Exploration of trade and manufacturing association websites
9. Professional development related activities
10. Group presentation of final portfolio project
11. Discussion and review of text materials

D. ASSIGNMENTS (TYPICAL)

1. EVIDENCE OF APPROPRIATE WORKLOAD FOR COURSE UNITS
Time spent on coursework in addition to hours of instruction (lecture hours)
   a. Create a resource binder that includes a variety of resources and specification sheets.
   b. Prepare a multi-media presentation on a specific category of materials or finishes.
   c. Design and prepare a visual display that explains the determinants of quality for a specific category on interior furnishings.

2. EVIDENCE OF CRITICAL THINKING
Assignments require the appropriate level of critical thinking
   a. Compare and contrast the characteristics of resilient and non-resilient floorin.
   b. Visit a local non-residential site and describe the interior finish materials that have been used.
   c. After review construction drawings, what changes can be made to the existing doors and windows in terms of size?
   d. Create a multi-media presentation on a specific category of materials used in the interior environment.

E. TEXTS AND OTHER READINGS (TYPICAL)


4. **Other**: Articles in professional journals and periodicals
   San Francisco Design Center Resource Guide

III. **DESIRED LEARNING**

A. **COURSE GOAL**
   *As a result of satisfactory completion of this course, the student should be prepared to:*

   select interior products, materials and finishes, appropriate to a specific interior environment considering cost, safety, performance, sustainability and maintenance for end user.

B. **STUDENT LEARNING GOALS**
   *Mastery of the following learning goals will enable the student to achieve the overall course goal.*

1. **Required Learning Goals**
   *Upon satisfactory completion of this course, the student will be able to:*

   a. Select interior finish materials appropriate for the client's programming needs while considering the constraints of the dwelling's existing construction, geographic location, and style.

   b. Evaluate materials and resources, including flooring, surface materials, hardware, cabinetry and paint color, considering accessibility, universal design and age-related issues. (m.c.)

   c. Write product specifications and describe preparation and installation details based on manufacturer provided requirements.

IV. **METHODS OF ASSESSMENT (TYPICAL)**

A. **FORMATIVE ASSESSMENT**

1. Quizzes

2. Weekly participation in class or online discussion

3. Journal reflections

B. **SUMMATIVE ASSESSMENT**

1. Final exam

2. Visual, written and oral presentation

3. Resource binder