

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: IND 1420

COURSE TITLE: Materials and Sources

PREREQUISITE(S): None

COREQUISITE(S): None

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 3

CONTACT HOUR BREAKDOWN:

Lecture/Discussion: 3

FACULTY WORKLOAD POINTS: 3

STANDARDIZED CLASS SIZE ALLOCATION: 30

CATALOG COURSE DESCRIPTION:

This course is a study of the materials of interior design and sources of each. Topics include textiles, floor and wall coverings, furniture, window treatments and accessories. This course includes estimation and installation of materials, and specification guidelines. Both residential and contract furnishes and finishes are addressed.

SUGGESTED TEXT(S): Neilson, Karla J., Taylor, David A. Interiors: An Introduction, McGraw-Hill, Latest Edition

OPTIONAL TEXT(S): Randall, Charles T. Encyclopedia of Window Fashions

IMPLEMENTATION DATE: Fall Term, 1980 (811)

REVIEW OR MODIFICATION DATE: Fall Term, 1996 (971)
Fall Term, 2002 (20031)
Fall Term, 2008 (20091)

| COURSE TOPICS | <u>CONTACT HOURS PER TOPIC</u> |
|---|------------------------------------|
| I. Textiles | 4 |
| A. Selecting and Evaluating Textiles for Interiors | |
| 1. Fibers Characteristics | |
| 2. Textile Types | |
| 3. Industry Terms | |
| 4. Specification Information Including - Flammability Characteristics | |
| B. Manufacturers and Sources | |
| 1. Residential | |
| a. Low End | |
| b. Medium End | |
| c. High End | |
| II. Furniture | 9 |
| A. Types of Furniture | (1) |
| B. Furniture Materials and Construction | (5) |
| 1. Wood Furniture | |
| a. Species of Wood | |
| 1) Characteristics | |
| 2) Endangered Species | |
| b. Form In Wood | |
| 1) Solid | |
| 2) Veneer | |
| 3) Layered | |
| c. Ornament In Wood | |
| d. Wood Finishes | |
| e. Points To Consider When Buying Wood Furniture- Quality Characteristics | |
| f. Manufacturers of Wood Furniture Sources | |
| 1) Residential | |
| a) Low End | |
| b) Medium End | |

COURSE TOPICS (CONTINUED)

CONTACT HOURS
PER TOPIC

- c) High End
 - g. Field Study - Furniture Manufacturing
- 2. Plastics and Acrylics Furniture
 - a. Qualities of Good Construction
 - b. Advantages and Disadvantages
 - c. Manufacturers of Plastic and Acrylic Furniture
- 3. Upholstered Furniture
 - a. Parts and Operations
 - b. Fabric Maintenance
 - c. Check List For Upholstery Furniture
 - d. Manufacturers - Sources
 - 1. Residential
 - a. Low End
 - b. Medium End
 - c. High End
 - 4. Commercial: System Furniture
 - 5. Furniture of Recyclable Nature
 - 6. Field Study of Products

III. Window Treatments

12

- A. Functions of Windows (.5)
- B. Types of Windows (.5)
- C. Energy Conservation Methods/
Environmental Effects (1.5)
- D. Types of Window Coverings-Design (1.5)
 - 1. Hard
 - 2. Soft
- E. Check List For Window
Treatment Considerations (1)
- F. Measuring For Window Treatments (2)
- G. Estimation of Fabric Yardage
For Drapery Treatment (2)
- H. Work Orders (1)
- I. Manufacturers of Window
Coverings - Sources (2)
 - 1. Residential
 - a. Low End
 - b. Medium End
 - c. High End
 - 2. Commercial
 - a. Low End
 - b. Medium End
 - c. High End

COURSE TOPICS (CONTINUED)

CONTACT HOURS
PER TOPIC

| | |
|--|----|
| J. Field Study of Products and Fabrication | |
| IV. Wall Coverings and Materials | 10 |
| A. Types of Wall Material | |
| 1. Hard and Rigid | |
| 2. Paint | |
| a. Environmental Factors | |
| b. Existing Composition Conditions | |
| 3. Wall covering | |
| B. Characteristics of Wall Materials | |
| C. Wall Finishes - Flammability Characteristics | |
| D. Estimating Quantity of Wall covering materials including paint | |
| E. Manufacturers of Wall Coverings Sources | |
| 1. Residential | |
| a. Low End | |
| b. Medium End | |
| c. High End | |
| 2. Commercial | |
| a. Low End | |
| b. Medium End | |
| c. High End | |
| G. Environmental Factors | |
| 1. Composition of Existing Materials | |
| 2. Installation Materials | |
| V. Floor Coverings And Materials | 6 |
| A. Types and Characteristics of Flooring Materials | |
| 1. Hard | |
| 2. Soft | |
| 3. Resilient | |
| B. Factors in Selection of Flooring Materials and/or Coverings | |
| 1. Flammability | |
| 2. Appearance | |
| 3. Serviceability | |

COURSE TOPICS (CONTINUED)

CONTACT HOURS
PER TOPIC

| | |
|---|---|
| 4. Design and Performance | |
| 5. Cost | |
| 6. Environmental Effects | |
| C. Energy Conservation Methods: Environmental Issues | |
| D. Estimating Quantity | |
| E. Installation and Specification Guidelines | |
| F. Manufacturers and Sources | |
| 1. Residential | |
| a. Low End | |
| b. Medium End | |
| c. High End | |
| 2. Commercial | |
| a. Low End | |
| b. Medium End | |
| c. High End | |
| G. Field Study of Products | |
| VI. Accessories - Practical and Psychological Factors | 3 |
| A. Functional Accessories | |
| B. Non-Functional Accessories | |
| C. Sources | |
| D. Field Study of Products | |
| VII. Basic Computer | 1 |
| A. Demonstrate how to use the Internet when researching materials | |
| B. Demonstrate how to use the computer to organize and store specifications of materials | |

STUDENT COMPETENCIES

After instruction, the student will be able to:

1. Select and evaluate textiles for interior spaces; list manufacturers of residential fabrics.
2. Describe quality materials and good craftsmanship in wood furniture, and upholstered pieces; and list manufacturers of each.
3. Identify types of window coverings, list considerations for window treatments; describe measuring techniques for blinds and draperies and compute yardage necessary for drapery treatments; and list manufacturers of window treatments.
4. List various wall coverings, describe appropriate uses for each, estimate necessary quantity for a given area, and list manufacturers of wall coverings.
5. List types of flooring materials, describe characteristics and appropriate uses for each, list factors to be considered in flooring selections, estimate quantity, and list manufacturers of flooring materials.
6. Describe different types of accessories which will personalize an interior space and create a unified design.
7. Become aware of environmental considerations in the specifying of interior furnishings.

PROGRAM TITLE: Interior Design Technology

COURSE TITLE: Materials and Sources

CIP NUMBER: 0404.050100

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

05.0 IDENTIFY THE USE, FUNCTION AND MAINTENANCE OF FURNISHINGS AND MATERIALS -- The student will be able to:

05.01 Identify and analyze flooring materials and determine the advantages and disadvantages of each.

05.02 Analyze the characteristics of fibers and construction of various types of floor coverings and interior fabrics.

05.04 Identify and categorize types of wall coverings.

05.05 Identify and describe types and functions of windows.

05.06 Identify and describe different types of window coverings.

06.0 IDENTIFY RESEARCH & SPECIFY DESIGN MATERIALS AND RESOURCES -- The student will be able to:

06.04 Demonstrate how to use the Internet when researching materials.

06.05 Identify recycle resources for design material.

06.06 Identify an understanding of quality differences in design material.

