

SYLLABUS: ART 306 Textiles for Residential & Commercial Interiors

Spring 2006

I. COURSE TITLE: ART 306 Textiles for Residential and Commercial Interiors
Three semester hours credit

II. PREREQUISITES: None.

III. TEXTBOOK

Yeager, J. & L. Teter-Justice. (2004). Textiles for Residential and Commercial Interiors, (2nd edition). New York: Fairchild Publications.

IV. COURSE DESCRIPTION: A study of natural and synthetic fibers, textile fabrication, and their application to interior design. Special focus will be given to the design and fabrication of window treatments.

V. RATIONALE: A working knowledge of textiles is critical to the specification of materials by the interior designer for both contract and residential use. Textiles are used in window treatments as well as furniture, resilient flooring, and wallcoverings. An understanding of the characteristics of natural and synthetic fibers, textile fabrication, printing and dyeing techniques are vital to the designing of window treatments, furniture upholstery, the specification of carpets, and fabric wallcoverings. A special focus on the design and fabrication of window treatments is needed as a professionally recognized area of competence.

VI. LEARNING OBJECTIVES AND OUTCOMES: As a result of this course, students will:

- A. Develop a working knowledge of vocabulary related to textiles;
- B. Identify characteristics of natural fibers as related to their use in residential and contract design;
- C. Identify characteristics of synthetic fibers as related to their use in residential and contract design;
- D. Identify textile fibers and their properties in relation to physical structure and serviceability;
- E. Describe fiber manufacturing processes;
- F. Identify properties of various woven fabrics;
- G. Identify properties of knitted fabrics;
- H. Describe various fabric finishes;
- I. Identify basic dyeing and printing techniques;
- J. Identify ways in which to treat popular window styles;
- K. Identify considerations for the design and fabrication of soft window treatments;
- L. Identify considerations for the design and fabrication of hard window treatments;
- M. Calculate fabric needed for pleated draperies, curtains, fabric shades, and fabric valances;
- N. Develop a working knowledge of window treatment vocabulary.
- O. Develop a working knowledge of interior textile product labeling.
- P. Demonstrate an understanding of interior textile products in relation to flammability concerns.
- Q. Gain a working knowledge of textiles as applied to upholstered furniture coverings and fillings.

- R. Identify soft floor coverings and cushions in relation to construction, installation, and maintenance.

VII. COURSE TOPICS: The major topics to be considered are:

- A. Fiber Classifications
- B. Fabric Construction Methods
- C. Production of Fibers
- D. Fiber Performance in Residential and Contract Design Applications
- E. Use and Care of Fabrics
- F. Finishes
- G. Dyeing and Printing Techniques
- H. Design and Fabrication of Soft Window Treatments
- I. Design and Fabrication of Hard Window Treatments
- J. Window Treatment Estimations
- K. Window Treatment Vocabulary

VIII. INSTRUCTIONAL METHODS:

Methods and activities for instruction will include:

- A. Lecture/discussion
- B. Lab Activities
- C. Field Trips

IX. ASSIGNMENTS:

- A. Textbook Reading Assignments
- B. Research Assignments (Including Fieldtrips)
- C. Textile Sample Notebook
- D. Window Treatment Notebook
- E. Unit Tests

X. EVALUATION: Students will be evaluated on the basis of the following:

- A. Unit Tests ----- 50%
- B. Textile Sample Notebook-----20%
- C. Window Treatment Notebook----- 15%
- D. Research Assignments ----- 15%

XI. LIST OF MATERIALS:

White Cardstock Paper
Scissors
Two Notebooks
Double-Stick Tape
Yarn
Calculator

XII. INSTRUCTIONAL MATERIALS AND BIBLIOGRAPHY:

Nielson, K. (1990). Window treatments. New York: John Wiley & Sons.

Hudson, P. B., & Clapp, A. C., & Kness, D. (1993). Joseph's introductory: Textile science (6th ed.). Fort Worth, TX: Harcourt Brace Jovanovich College.

Tortora, P. G. (1992). Understanding textiles (4th ed.). New York: Macmillan.

Merkel, R. S. (1991). Textile; product; serviceability. New York: Macmillan.

Pegler, M. M. (1983). The dictionary of interior design. New York: Fairchild.