APDM 320 - TEXTILES I
Course Syllabus

Description

This three-credit course is the first of two courses offered in Apparel Product Design and Merchandising (APDM). The emphasis for this course is on the physical properties and structures of textiles and other related materials used in apparel and home furnishings. The second course, APDM 321 Textiles II, will cover the chemical properties of fibers and finishes as well as research methodology. The courses are designed to be taken sequentially. Both courses are needed to achieve a broad working knowledge of textiles.

This is an upper division course. It is assumed that students taking this course are at least second-semester sophomores who have completed one or more APDM courses as well as all under100 ELI courses.

It is best to take APDM 321 immediately following APDM 320. Students in APDM 320 should plan to complete chemistry by the end of the spring or summer session and take APDM 321 no later than next fall.

Objectives

At the end of the first semester of textiles, a student will be able to:

1. Describe the basic methods of producing fibers, yarns, and fabrics.
2. Identify the physical types of fibers, yarns, and fabrics.
3. Compare the physical properties for each of the following: (a) fibers, (b) yarns, and (c) fabrics.
4. Identify the methods of applying color, routine finishes, and finishes for appearance.
5. Contrast the general properties for the methods of applying color, for selected dyes, for routine finishes, and for finishes for appearance.
6. Describe the general provisions of the labeling acts related to fiber content and care.
7. Identify correctly worded labels and advertisements illustrating an understanding of the labeling acts related to fiber content and care.
8. Describe the provisions and ramifications of the Flammable Fabrics Act.

Requirements

A. Required Books and Equipment:


   A good magnifying glass or linen tester (available from bookstore; ask at supplies counter). Lighted magnifiers are available from Radio Shack.
B. Assignments and Exams:

1. Three or four midterms 50%
2. Comprehensive final 20%
3. Homework assignments and quizzes 20%
4. Group project 5%
5. Textbook and handout readings 5%

C. Grading:

Course grades will be based on total points accumulated during the semester. The ranges are as follows:

A = 90–100.0  
B = 80–89.9  
C = 70–79.9  
D = 60–69.9  
F = below 60.0

The instructor reserves the right to lower the category limits.

D. Exams and Quizzes

1. Exams and quizzes are based on lectures, homework assignments, and handouts. The text is intended to give students background and supplemental information. While questions are not taken directly from the text, completing the readings will help the grade.

2. Midterm exams must be made up immediately. No make-ups are allowed after an exam has been returned. All students registered for the course must take the final exam. No make-ups are allowed for quizzes.

E. Attendance and Timeliness:

1. Attendance is required for all lectures. Absences will lower the final grade.
2. It will be the responsibility of the student to obtain any homework assignments or handouts missed by an absence.
3. All assignments are due in class on the date given by the instructor. Lateness will reduce the grade.
4. After the date set by the University, there will be no withdrawals from the course except where extenuating circumstances exist. Such withdrawals must be done in a timely manner.

F. Extra Credit

Up to three points extra credit will be allowed for the semester depending on the availability of textile-related exhibits. All extra credit assignments must be handed in by the final exam. Forms are available from the instructor.