

FCS 269 Introduction to Textiles
3 hours credit
Summer II 2008

LOCATION: Room 302, AB2

CLASS MEETING TIMES: 12:00 – 2:00 p.m., Monday - Friday

INSTRUCTOR: Janis H. White, Ph.D., CFCS

OFFICE LOCATION: Room 221, AB2

CONTACT INFORMATION: Telephone: 936.294.1184 (24-hour voice mail)
E-mail: jwhite@shsu.edu
FAX number: 936.294.4204

OFFICE HOURS: Monday and Wednesday: 9:00 - 11:00 a.m.
Tuesday and Thursday: 8:30 - 10:00 a.m.

COURSE DESCRIPTION: This course is focused on the study of fibers and their use in textile products. Emphasis is on the relationship of fiber properties, yarn structure, and finishes that produces a fabric suitable for specific consumer end uses. Emphasis also is given to identification of fibers and fabrics. **FCS 269 is a required course for Teacher Certification in Family and Consumer Sciences.**

CONCEPTUAL FRAMEWORK FOR TEACHER EDUCATION AT SHSU:

Through programs dedicated to collaboration in instruction, field experience, and research, the candidates in Sam Houston State University's Educator Preparation Programs acquire the knowledge, dispositions, and skills necessary to create a positive learning environment. Employing a variety of technologies, these candidates learn to plan, implement, assess, and modify instruction to meet the needs of our communities' diverse learners.

COURSE OBJECTIVES:

Upon completion of the course, the student should be able to:

1. identify careers in the textile industry.
2. know current law and labeling requirements.
3. describe the characteristics and uses of specific fibers..
4. describe various methods of constructing fabrics, such as weaving, knitting, non-woven, and other methods.
5. use textile terminology correctly.
6. describe how finishes are applied to fabric and how they affect fabric appearance, performance, durability, and

maintenance.

7. describe fabric design and the application of dyes.
8. develop systems for identifying fibers, yarns, and finishes.
9. identify sources of performance standards and standards available for voluntary use.
10. care for textile products in a satisfactory manner.
11. understand how production processes affect the characteristics and cost of textile products.
12. value past developments in textile construction and use, and recognize needs for future development.
13. predict fabric performance based on knowledge of fibers, yarns, fabric construction, and finishes in conjunction with informative labeling.
14. predict good selection of textile products for specific end uses based on knowledge of fibers, yarns, fabric construction and finishes.
15. understand the environmental concerns, pollution potential, and safety concerns of fiber and fabric manufacturers.

TEXT: Kadolph, Sara J. *Textiles*, 10th Ed., Prentice Hall, Upper Saddle River, New Jersey, 2002.

REQUIRED PROJECT MATERIAL: Basic Swatch Kit, Textile Fabric Consultants, Inc., Smyrna, TN.

ATTENDANCE POLICY:

Regular and punctual attendance is expected. Each student is allowed two absences during the summer session without penalty to the class participation grade. For each absence over the two mentioned above, five (5) points will be subtracted from the class participation grade. It is the STUDENT'S responsibility to ensure that a tardy is recorded as a tardy and not as an absence!! It is recommended that you save these times for possible illnesses, funerals, etc. since there are no "excused" absences. Lab exercises cannot be made up.

COURSE EVALUATION:

Class Participation	50 points
Three Exams @ 100 points each	300 points
Textile Swatch Notebook	300 points
Final Exam	<u>100 points</u>
Total Possible Points	750 points

Grading Scale: 90 - 100% (minimum of 675 points) = A
80 - 89% (minimum of 600 points) = B

- 70 - 79% (minimum of 525 points) = C
- 60 - 69% (minimum of 450 points) = D
- 0 - 59% (less than 450 points) = F

ACADEMIC DISHONESTY: All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, **collusion**, and the abuse of resource materials. **Working too closely with another student (i.e., dividing the work and then sharing the results) on the notebook is COLLUSION and a grade of 0 on the notebook will be assigned when notebook work too closely resembles the work of another student in the class or in a previous class.** Cell phones, backpacks, purses, etc. may not be at the student's desk or table during exams. If they are in the classroom during exam time, they may be placed at the front of the room. The student assumes all responsibility for personal property.

CLASSROOM POLICIES AND PROCEDURES:

1. There will be one make-up exam at the end of the semester at a time to be announced toward the end of the session (August 5, most likely). The student must have appropriate documentation (note from a doctor, an obituary notice that names the student as a survivor of the deceased, etc.) in order to take a make-up exam. **The make-up exam will be comprehensive.**
2. Assigned work turned in to the instructor must be the **original** work of the student turning in the assignment. See the comments regarding academic dishonesty in the section above.
3. Assigned work turned in for credit (i.e, Textile Swatch Notebook) **must** be word-processed or VERY neatly hand-lettered.
4. All assignments must be completed and turned in to the instructor before the final exam can be taken (*Undergraduate Catalog*, p. 74).
5. Office telephone number is 926.294.1184 (voice mail is available 24 hours/day) or 926.294.1242 (Ms. Thompson, the FCS secretary). Office hours are posted on the door of AB2, Office 221. The professor's email address is jwhite@shsu.edu.

STUDENTS WITH DISABILITIES POLICY:

It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request help with academically related problems stemming from individual disabilities from their instructors, school/department chair, or by contacting the Chair of the Committee for Continuing Assistance for Disabled Students and Director of the Counseling Center, Lee Drain Annex, or by calling 936.294.1720. NOTE: No accommodation can be made until the student registers with the Counseling Center.

STUDENT ABSENCES ON RELIGIOUS HOLY DAYS POLICY:

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.

University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the student of a reasonable time frame in which the missed assignments and/or examinations are to be completed.

Q-DROPS:

A Q-drop is a drop made after the last date for tuition refunds (12th class day for fall/spring; 4th class day for summer) but before the date for which a drop would result in a grade of 'F' as published in the Academic Calendar.

Students will be allowed no more than five Q-drops during their academic career at Sam Houston State University. Classes that are dropped prior to the Q-drop date will not count toward the limit. Students who have used their limit of five Q-drops will need to petition their respective dean to drop a class. If the dean refuses to grant permission to drop a class, a student will be required to remain in the class

This limit was effective with the start of the Fall 2004 semester. Any drops accumulated prior to the Fall 2004 semester will not be included in the five Q-drop limit, nor will Q-drops from other universities.

READING/ACTIVITY SCHEDULE*:

Tuesday, July 8	Intro to Course, Chapters 1 & 2
Wednesday, July 9	Textile Fibers and Their Properties, Chapter 3
Thursday, July 10	Natural Cellulosic Fibers, Chapter 4
Friday, July 11	Natural Protein Fibers, Chapter 5
Monday, July 14	Fiber Manufacturing Process, Chapter 6
Tuesday, July 15	Chapter 6, cont'd, Swatch Set I Due (Swatches 1-42)
Wednesday, July 16	Exam I over Chapters 1 – 6 Begin Chapter 7
Thursday, July 17	Manufactured Regenerated Fibers, Chapter 7
Friday, July 18	Synthetic Fibers, Chapter 8
Monday, July 21	Special Use Fibers, Chapter 9
Tuesday, July 22	Yarn Processing, Chapter 10, Swatch Set II Due (Swatches 43-84)
Wednesday, July 23	Exam II over Chapters 7 – 10 Begin Chapter 11
Thursday, July 24	Yarn Classification, Chapter 11
Friday, July 25	CLASSES DO NOT MEET!!
Monday, July 28	Basic Weaves and Fabrics, Chapter 12
Tuesday, July 29	Chapter 12, cont'd
Wednesday, July 30	Fancy Weaves and Fabrics, Chapter 13

Thursday, July 31 Knitting and Knit Fabrics, Other Fabrications, Chapters 14 & 15
Swatch Set III Due (Swatches 85-120)
Friday, August 1 **CLASSES DO NOT MEET!!**
Monday, August 4 Exam III over Chapters 11-15
Finishing Overview, Chapter 16
Tuesday, August 5 Aesthetic and Special Purpose Finishes, Chapters 17 & 18
Wednesday, August 6 Dyeing and Printing, Chapter 19 (Make-Up Exams will be administered, if
needed,
this day.)
Thursday, August 7 Final Examination over Chapters 16-19, 12:00 – 2:00 p.m.

* This schedule will be adhered to in a fairly strict way. However, I do reserve the right to make changes in this schedule should they be called for during the semester. I will NOT change the final exam date or time. Please do not ask to take the exam early or at another time. Thank you! – JW