

Delta State University
College of Education
Division of Family & Consumer Sciences

FCS 310
Fall 2011

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COURSE SYLLABUS

Course Description

FCS 310 Textiles. Scientific and consumer oriented study of fabrics with emphasis on fiber, yarn structure, fabrication, and finish; textile legislation. Lecture 2 hours, lab 2 hours. 3

Course Objectives

1. Gain understanding of textiles from the aesthetic, comfort, protection, and necessity points of view.
2. Become informed, up-to-date consumers of textile products and learn to make intelligent buying decisions.
3. Identify the basic characteristics of major fibers, thereby understanding care and maintenance of textile products.
4. Establish sound basis for selection of apparel and household fabrics.
5. Differentiate between the many types of fabric constructions and identify basic features of each type of construction.
6. Understand the government's role in the establishment of textile laws and textile standards and how these roles influence consumers, industries, and manufacturers.
7. Identify finishes used on fabrics for improvement of performance, texture, and appearance.

Text

Kadolph, S. J. (2010). *Textiles* (11th ed.). New Jersey: Pearson Education, Inc.
0135007593

Lab workbook

Brown, P. *The textile kit, Student Version, Pinnacle Ed.* (2011) Wildwood, MO: ATEXINC.
978-1-60405-061-5

Subject Matter to be Studied

Textile concepts and terminology

Fibers

Yarn

Fabric structures

Finishes

Textile legislation

Major Student Activities

Three 50-minute tests; final exam

Lab assignments

Fabric sample notebook

Class discussion/participation

Two lab quizzes

Presentation Methods

Lecture (50%); Lab activities (40%); Class discussion (10%).

Grade Chart--TENTATIVE

<u>Assignments</u>	<u>Points</u>
Tests (3)	300
Exam	100
Textile lab assignments & participation	80
Textile swatch notebook	50
Quizzes	<u>70</u>
TOTAL POSSIBLE PTS.	600

Detailed information on these assignments will be given later.

Collateral Reading

Selected articles and secondary materials will be assigned and discussed throughout the semester.

Attendance

A maximum of seven absences is allowed for this class, which includes **both** excused and unexcused absences. A student's grade may be lowered with each successive absence. If the number of absences exceeds that allowed by University policy, the student will receive an "F". **THREE TARDIES WILL EQUAL ONE ABSENCE. SLEEPING during class counts as an unexcused absence. Use of cell phones during class is prohibited, except in emergencies, and can result in a penalty. THIS INCLUDES TEXTING. Phones should be put away.**

LABS CANNOT BE MADE UP.

Emergencies during Class

Cell phones and pagers must be turned off or set for silent alert during class. If an emergency call is expected, special arrangements can be made with the instructor at the beginning of the class. Otherwise, calls will not be answered during class. Should this happen the student will be asked to leave and not return until the next class meeting. An absence will be recorded for the class meeting in which this occurs.

Policy Statement for Written Assignments

The teaching of writing as a subject matter is the responsibility of the Department of English; however, the Division of Family and Consumer Sciences advocates that evaluations are appropriate for courses in Textiles. The Division consequently expects that students will construct writings that are grammatically accurate, appropriately organized, specifically developed, and correctly spelled. All written assignments must be completed using appropriate software.

Grading Scale:

<u>University Scale:</u>	94-100	A
	84-93	B
	74-83	C
	65-73	D
	Below 65	F

General Information

1. All assignments must be turned in at the BEGINNING of the class period on the day the assignment is due. LATE PAPERS/PROJECTS WILL NOT BE ACCEPTED WITHOUT PENALTY. If you plan to be absent because of an official function such as a field trip, turn in assignment to professor before you leave the campus.
2. No test will be given early or late except for illness or an official school function. If you are required to participate in a school sponsored function, indicate to professor in writing at least one week before the scheduled 100 pt. test.
3. If you have questions about your evaluation on any paper, project, or test, please make an appointment with professor to go over your grade.
4. **Keep all papers returned to you and record your grades so you can know how you are doing at any time during the semester.**

University Policy on Cheating and Plagiarism

Cheating and plagiarism are not to be tolerated. If it is established beyond a reasonable doubt that a violation has occurred, instructors may determine the penalty, or may report the offense to the division/department chair and dean of their school. The usual penalty involves the grade of zero on the test, examination, or paper in question. If cheating or plagiarism is suspected, but not established beyond a reasonable doubt, the instructor may require the student to take another test or submit another paper. A second offense by any student will be reported immediately for more stringent action.

Students with Disabilities

Delta State University is committed to a policy of equal employment and educational opportunity. Delta State University does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, or veteran status. This policy extends to all programs and activities supported by the university.

Accommodation of Disabilities

It is the responsibility of students who have professionally diagnosed disabilities to notify the instructor so that necessary and/or appropriate modifications can be made to meet any special learning needs.

Email

All students at DSU are issued an Okra mail email account. This is the preferred and official email used by the University. Students are responsible for checking and cleaning out their Okra email account at least weekly. You are held accountable for any information sent to that address. You may contact the Office of Technology at 846-4444 for help with your address.

COLLATERAL READING

Collier, Billie J. & Tortora, Phyllis G. (2009). *Understanding textiles*. (7th ed.). Upper Saddle River, NJ: Prentice Hall.

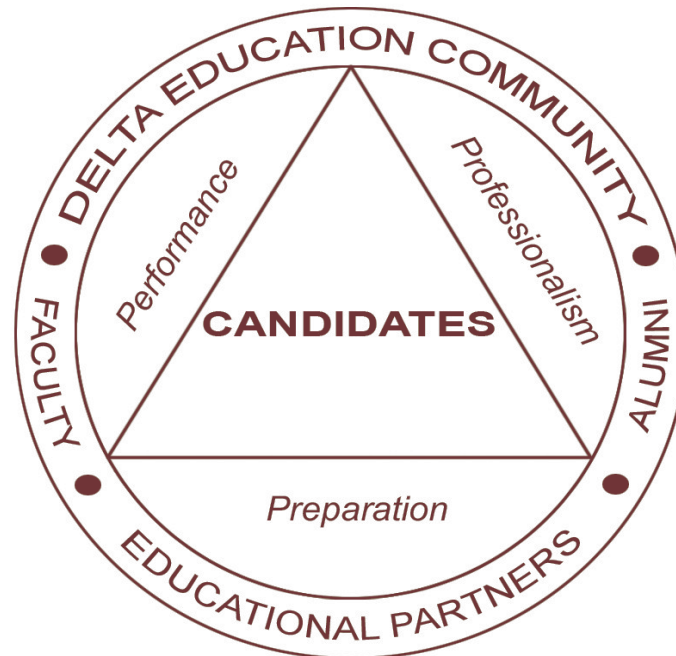
Kadolph, Sara J. (1998). *Quality assurance for textiles and apparel*. New York: Fairchild Publications.

Singer, Margo & Spyrou, Mary. (1989). *Textile arts*. Radnor, PA: Chilton Book Company.

Wells, Kate (1997). *Fabric dyeing & printing*. Loveland, CO: Interweave Press.

Delta State University
College of Education
Conceptual Framework

DELTA P³ MODEL



Vision: The Delta State University College of Education promotes a vibrant educational community committed to preparing capable and confident candidates who can positively affect learning outcomes of students in the P-12 school setting. Appropriately illustrated by the Delta triangle, the model reflects candidate development through the triad of preparation, performance and professionalism, supported by the greater Delta educational community (faculty, educational partners, and alumni).

Guiding Principles:

1. **Education is a lifelong endeavor**, requiring an ever-expanding content knowledge base, a repertoire of skills, and a broad experience base. (GP1)
2. **Education is interactive and reflective**, a process that is accomplished through assessment and reflection of a collaborative nature. (GP2)
3. **Education is culturally contextualized**, requiring both an understanding and appreciation of the diversity of all individuals within the learning community. (GP3)
4. **Education is dynamic**, with change being driven by assessment data and the needs of all segments of the educational community. (GP4)
5. **Education is enhanced by technology**, infused throughout programs and services. (GP5)

Dr. Jan Haynes

TEXTILES

Fall 2011

FCS 310

TENTATIVE COURSE SCHEDULE

<u>Date</u>	<u>Topic</u>	<u>Chapter</u>
8/24	Overview	1
8/29	Introduction	2
8/29	Fiber Classification, Fiber Theory	3
8/31-9/7	Natural Fibers: Cellulosic	4
9/12-9/14	Natural Fibers: Protein	5
9/19	EXAM I	
9/21	Introduction to Manufactured Fibers: Manufacturer Regenerated Fibers	6 7
9/26	Synthetic Fibers: Overview	8
9/28-10/3	Nylon, Polyester, Olefin	8
10/5	Acrylic/Modacrylic	8
10/10	Special-Use Fibers, Other Fibers	9
10/12	EXAM II	
10/17-10/19	Yarns	10-11
10/24-10/26	Basic Weaves & Fabrics	12
10/31	Fancy Weaves & Fabrics	13
11/2	EXAM III	
11/7-11/9	Knitted Fabrics	14
11/14	Other Fabrications	15
11/16	Finishing	16-18
11/28-11/30	Dyeing & Printing	19
12/5-12/7	Care & Legislation	20-21

Read the Chapter before class meeting. The text is very detailed with new terminology.

Tentative Date and Time of Final Exam

12/15

3 p.m.