

**MDSE 2650 Textiles for Apparel**

Section/Day/Time/Location:

Lecture: 001/MWF/10:00am-10:50am/BLB 055

**Instructor:** Mrs. Kristina Bruder

**Office:** 355D Chilton Hall

**Phone:** 940-565-2709

**Email:** [kristina.bruder@unt.edu](mailto:kristina.bruder@unt.edu)

**Office Hours:** see Mrs. Bruder's Schedule immediately below; otherwise by appointment only.

**Communications:** All emails must have a subject heading which begins with the following: **MDSE 3650: your subject here**".  
Emails without this subject heading may not be answered in a timely manner.

Mrs. Bruder's Schedule	Monday	Tuesday	Wednesday	Thursday	Friday
900		Office Hours		Office Hours	
930					
1000	MDSE 2650 BLB		MDSE 2650 BLB		MDSE 2650 BLB
1030	055 10-1050am		055 10-1050am		055 10-1050am
1100	Lunch				Lunch
1130					
Noon	MDSE 3250-001		MDSE 3250-301 Lab Chilton 387 1230-220pm		MDSE 3250-302
1230	Lecture Chem 109				Lab Chilton 387 Noon-1:50pm
100	Office Hour	MDSE 3650 Lecture Chilton 387 200-350pm		MDSE 3650 Lab Chilton 387 200-350pm	
130			Noon-1:50pm		
200					
230					
300					
330	HFMD 2655		HFMD 2655		
400	Chilton 345		Chilton 345		
430	3:30-4:50pm		3:30-4:50pm		

**Description\*:** Fibers, fabric construction and finishes applied to selection, use, and care of fabrics.

**Prerequisite:** None.

**Objectives:**

1. Identify basic fibers by generic and trade names.
2. Differentiate yarns and fabrics by type and construction
3. Predict fabric performance by fiber, yarn, fabric, and finish characteristics.
4. Select textile components that are most appropriate according to product and intended end use.

**Required Texts:**

- Required: Swatch Reference Guide for Fashion Fabrics, Third Edition – Young
- Recommended: Kadoh, S. J. (2016) *Textiles*. (12<sup>th</sup> ed.). New Jersey: Prentice Hall

**Required Materials:** Pick glass (included in swatch kit or may be available in UNT bookstore), permanent double-stick tape or regular transparent tape, pick needle/teaser

\* Students may vary in their competency levels for these abilities. Expect to acquire this knowledge and these skills only if you honor all course policies, attend classes regularly, complete all assigned work in good faith and on time, and meet all other course expectations of you as a student. The above and included schedule, policies, procedures, requirements and assessments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.

<b>Course Requirements (see “How to Calculate Your Grade So Far” on Blackboard):</b>	<b>Points</b>	<b>Due Dates</b>
<b>Swatch Reference Guide for Fashion Fabrics: IMPORTANT – WRITE YOUR NAME ON THE SPINE/BINDER OF THE BINDER!!</b> 1. You need to assemble this book within the first two weeks of class. The swatch book is necessary in completing assignments and vital in passing the course. It is a required resource and students must purchase their swatch book with enough time to have it assembled by the due date. 2. Bring your swatch book to class every day starting with Chapter 4. References will be made to specific swatches during lectures. 3. Swatch books will be used during exams and may not be shared. Students must have their own swatch book and are responsible for remembering to bring it on exam day. 4. Must be complete in order to take SRG Quiz listed below.	0	You will need to use it in class on 9/23; bring to class every lecture and exam thereafter. You may also have it checked for accuracy (optional) up to 9/21.
<b>Daily Work Exercises (8-16 possible daily works, each 5-10 points, total 80 points):</b> Throughout the semester you will be given opportunities to complete assignments in class using <b>REEF Polling</b> (see Course Policy below) that will help expand your knowledge of the topics covered during lecture. <b>These assignments will only be available in class.</b> If you are absent, you miss that day’s points. <b>NO EXCEPTIONS.</b>	80	random
<b>Assignments (8@50 points each = 400 points total):</b> The assignments will be available a minimum of 2 weeks in advance or sooner. All assignments will be posted on Blackboard, under “Assignments”. Most assignments will be turned in on Blackboard; a few will be handed in at the end of a class period. Some will require the use of the SRG (Swatch Reference Guide). They will aid in reinforcing material discussed in lecture as well as provide practical application. No late assignments will be accepted. If the assignment requires an answer key, it will be posted online after the due date. These cannot be made up; no late assignments per policy.	400	9/7, 9/26, 10/10, 10/26, 11/4, 11/11, 11/18, 12/5
<b>Syllabus Quiz (1@ 15 points; 15 questions):</b> study the Syllabus and Course Policies; the quiz is on Blackboard under “Quizzes”. It will be available for a week.	15	9/12
<b>SRG Quiz (15 points; 15 questions):</b> This quiz covers the assembly of your Swatch Reference Guide binder. It is on Blackboard, under “Quizzes”.	15	9/30
<b>Professional Development:</b> Attend one of the specified campus events below and complete the assignment. Submit on Blackboard under “Assignments”, then click on “Bonus”. <ul style="list-style-type: none"> <li>Executive + Scholar Lecture Series (<b>November 16, 10am-Noon, Union Ballroom</b>; executive speaker is Bill Adler, founder and CEO of True Fit®; the scholar is Dr. Tammy Kinley, discussing size and fit issues in the apparel industry): submit 3 quotes from each speaker and state 5 things (total) you learned from the lectures (limit of one page).</li> <li>MDR Career Expo on <b>Thursday, September 29 from 9:30am to 12:00pm (Noon)</b>: scan, copy and paste 3 business cards from recruiters who were at the Expo and state 5 things you learned from the Expo (limit of one page).</li> </ul>	25	11/23
<b>Fabric Name Quiz (25 points; 25 questions):</b> Students will identify fabrics by name using fabric descriptions and photographs. SRG may be used but may use up too much time. The quiz is on Blackboard under “Quizzes”.	25	12/2
<b>Exams (4 @ 60 points each, 30 questions @ 2 points each = 240 points total).</b> Exams will be divided purposefully between items to assess experience with the reading material and familiarity with the materials presented in class (e.g., handouts, fabric swatch kits, in-class assignments, and lectures). The instructor will keep all exams; you may visit my office to see your exam during office hours. Requires use of the SRG. They are given in class. Scantrons will be provided. Bring a #2 pencil.	240	9/21, 10/5, 11/7, 12/7
<b>Final Project (200 points):</b> Groups will be assigned mid-semester (3-4 per group); review the Group Contribution Policy (last date to fire a group member is 11/21). The Final Project is under “Assignments” on Blackboard. This project will be turned in at the end of class.	200	11/28
<b>Practice Quizzes:</b> optional, these are not worth any points, the correct answers are given at the end of the quiz when submitted; you may use them as a review for exams by clicking on your grade and following the links to the answers. They are named to correspond to the Lecture Topic.	0	
<b>Total</b>	<b>1000</b>	
<b>Bonus:</b> If 80% of the class completes the SPOT, 10 points will be awarded to each student in the class.	<b>(10)</b>	

**Course Schedule: Textiles for Apparel**

WEEK	DATES	LECTURE TOPIC	READING ASSIGNMENTS (before class), ASSIGNMENTS & DUE DATES*
1	AUG-SEP	29	Course Overview
		31	Introduction to Textiles
		2	Introduction to Textiles
2	SEP	5	Labor Day (no classes)
		7	Product Development from a Textile Perspective
		9	Product Development from a Textile Perspective
3	SEP	12	Textile Fibers & Their Properties
		14	Textile Fibers & Their Properties
		16	Textile Fibers & Their Properties
4	SEP	19	Textile Fibers & Their Properties
		21	<b>Exam 1: Intro–Textile Fibers &amp; Their Properties</b>
		23	Fibers: Natural, Cellulosic Fibers
5	SEP	26	Fibers: Natural, Cellulosic Fibers
		28	Fibers: Natural, Cellulosic Fibers
		30	Fibers: Natural, Protein
6	OCT	3	Fibers: Natural, Protein
		5	<b>Exam 2: Natural Fibers</b>
		7	The Fiber Manufacturing Process; Final Project Groups assigned
7	OCT	10	Fibers: Manufactured Regenerated
		12	Fibers: Manufactured Regenerated
		14	Fibers: Manufactured Synthetic
8	OCT	17	Fibers: Manufactured Synthetic
		19	Fibers: Special Use
		21	Yarns: Processing
9	OCT	24	Yarns: Classification
		26	Basic Weaves and Fabrics: Plain & Plain Weave Variations
		28	Basic Weaves and Fabrics: Twill & Satin
10	OCT-NOV	31	Basic Weaves and Fabrics con't
		2	Fancy Weaves and Fabrics

		4	Fancy Weaves and Fabrics	<b>Assignment 5 Weaving Mats due (turn in at end of class)</b>
11	NOV	7	<b>Exam 3: Fiber Manufacturing Process – Fancy Weaves and Fabrics</b>	Bring your SRG.
		9	Knits	Read: SRG Ch. 12 (Kadolph Ch. 14)
		11	Knits	Read: SRG Ch. 13; <b>Assignment 6 Closet Wovens due online</b>
12	NOV	14	Knits	Read: SRG Ch. 14
		16	Executive Lecture Series 10am-Noon; Union Ballroom (required; minimum of 1 hour)	The executive speaker is Bill Adler, Founder and CEO of TrueFit. The scholar is our very own Dr. Tammy Kinley. They will discuss size and fit issues in the apparel industry.
		18	Other Fabrications	Read: SRG Ch. 15 (Kadolph Ch. 15); <b>Assignment 7 Knits due online</b>
13	NOV	21	Overview of Converting: Aesthetic and Functional	Read: (Kadolph Ch.16); Last day to fire a Final Project group member
		23	Finishes	Read: SRG Ch. 17 (Kadolph Ch.17-18); <b>Professional Development due online</b>
		25	Thanksgiving Holiday (no class)	na
14	NOV-DEC	28	Dyeing	Read: SRG Ch. 16 (Kadolph Ch. 19); <b>Final Project due (turn in at end of class)</b>
		30	Dyeing	
		2	Printing	<b>Fabric Name Quiz due online</b>
15		5	Printing	<b>Assignment 8 Coloration due online</b>
		7	<b>Exam 4: Knits - Finishes</b>	<b>Bring your SRG.</b>
		9	READING DAY – NO CLASSES	Makeup exams for eligible students who missed an exam; contact instructor at least 2 weeks in advance. Other times may be possible.
16	No Final Exam.			

\*All online assessments (quiz, assignment, etc.) are due at 11:59pm unless otherwise noted.

\*\*SRG = Swatch Reference Guide for Fashion Fabrics by Deborah Young.

\*\*\*(Kadolph) = refers to the chapters in the recommended textbook by Sara Kadolph as listed above; lectures are based mostly on this book. You may read these chapters if you wish, but the lectures will give you the information you need from this book. This book is on reserve at Willis Library and may be checked out in the building for 2 hours. Lecture outlines will be posted online at least 24 hours in advance of the lecture. It is the student's responsibility to download and print them before class. The files will be in Adobe Acrobat (PDF) format.

Your success in this course will depend on several factors:

- Attending class regularly and arriving on time;
- Participation in class discussion;
- Maintaining swatch book accurately and completing assignments.

***Please read Course Policies next!***