

**MDSE 2650 Textiles for Apparel**

Section/Day/Time/Location:

Lecture: 001/TR/12:30-1:50PM/BLB 170  
003/TR/2:00-3:20PM/Chilton Hall 387

**Instructor:** Mrs. Kristina Bruder

**Office:** 355D Chilton Hall

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**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 2650: 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	MDSE 3650-001 Lecture Chilton 387 9:00-10:50 (1 hr. 50 min)	MDSE 3250-001 Lecture ENV 125 9:30-10:50AM (1 hr 20 min)	MDSE 3650-301 Lab Chilton 387 9:00-10:50 (1 hr. 50 min)	MDSE 3250-001 Lab Chilton 345/349 (or ENV 125 when specified) 9:30-10:50AM (1 hr 20 min)	Office Hours (2)
930					
1000					
1030					
1100					
1130					
Noon	MDSE 3250-301 Lab Chilton 387 Noon to 12:50 (50min)	MDSE 2650-001 BLB 170 12:30-1:50PM (1 hr. 20 min)	MDSE 3250-302 Lab Chilton 387 Noon to 12:50 (50min)	MDSE 2650 -001 BLB 170 12:30-1:50PM (1 hr. 20 min)	
1230					
100					
130					
200	Office Hours (2)	MDSE 2650-003 Chilton 387 2:00-3:20pm (1 hr. 20 min)		MDSE 2650-003 Chilton 387 2:00-3:20pm (1 hr. 20 min)	
230					
300					
330					
400					
430			MDSE 3250-303 Lab Chilton 387 4:00-4:50 (50min)		

**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: Kadolph, 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.

Course Requirements (see “How to Calculate Your Grade So Far” on Blackboard):	Points	Due Dates
<p><b>Swatch Reference Guide for Fashion Fabrics: IMPORTANT – WRITE YOUR NAME ON THE SPINE/BINDER OF THE BINDER!!</b></p> <ol style="list-style-type: none"> <li>You need to assemble this book within the first three 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.</li> <li>Bring your swatch book to class every day starting with Chapter 4. References will be made to specific swatches during lectures.</li> <li>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.</li> <li>Must be assembled in order to take SRG Quiz listed below.</li> </ol>	0	You will need to use it in class on 2/9; bring to class every lecture and exam thereafter. You may also have it checked for accuracy (optional) up to 2/7.
<p><b>Daily Work Exercises (100 points):</b> Throughout the semester you will be given opportunities to complete assignments (worth 5 to 10 points each) in class using <b>REEF Polling</b> (see Course Policy below) or other methods which will check your knowledge of the topics covered during lecture. <b>These assignments will only be available in class and are random.</b> If you are absent, you miss that day’s points. There is no way to makeup missed points. <b>NO EXCEPTIONS.</b> However, an extra 20 bonus points will be offered (i.e. 120 points are possible). If you are absent a day or forget to submit the answer on REEF or make mistakes in answering, you have many opportunities to make points. You must answer correctly in order to make points.</p>	100	random
<p><b>Quizzes (6):</b></p> <ul style="list-style-type: none"> <li><b>Syllabus Quiz (20 points, multiple choice, online):</b> study the syllabus including the course schedule, course policies and “How to Calculate My Grade So Far”, then take the quiz. It is located on Blackboard under “Graded Assessments”. It will be available for 1 week. You may take it one time.</li> <li><b>Swatch Reference Guide Quiz (20 points, multiple choice, online):</b> assemble your Swatch Reference Guide, read the introductory statements, view the video (see Course Schedule below for link), then take the quiz located on Blackboard under “Graded Assessments”. It will be available for a week. You may take it one time.</li> <li><b>Worksheet Quizzes (3 quizzes, each worth 80 points, multiple choice, online):</b> various worksheets will be released 2-3 weeks before each exam. Complete the worksheets. The Answer Key for each worksheet will be released on Blackboard 3 days before each exam under “Practice Work”. Correct your worksheet, then take the related quiz. The Worksheets are located under “Practice Work” on Blackboard. See “Practice Work” immediately below for a description of the worksheets. Only the worksheets needed for each quiz will be released at a time. The online quizzes will be located on Blackboard under “Graded Assessments”. You may take the quiz one time; each quiz will vary in the number of questions and points per question. <ul style="list-style-type: none"> <li><b>Properties &amp; Fibers Quiz:</b> complete the “Relate Fiber Properties to End Use”, “One Fiber, Different Fabrics” and “Mixture Fabrics” worksheets, correct answers, study SRG, lectures and any other materials offered.</li> <li><b>Yarn &amp; Fabrications Quiz:</b> complete the “Yarns”, “Weave Comparison”, and “Knit Comparison” worksheets, correct answers, study SRG, lectures and any other materials offered.</li> <li><b>Converting Quiz:</b> complete the “One Fiber, Different Fabrics Updated”, “Coloration” worksheets, correct answers, study SRG, lectures and any other materials offered.</li> </ul> </li> <li><b>Fabric Name Quiz (20-40 questions for 40 points, multiple choice, online):</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 “Graded Assessments”.</li> </ul>	320	Syllabus: 1/26 SRG: 2/9 P&F: 3/7 Y&F: 4/11 Convert: 5/4 FName: 5/16
<p><b>Practice Work:</b></p> <ul style="list-style-type: none"> <li><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.</li> <li><b>Practice Worksheets:</b> optional, but these relate to the Worksheet Quizzes. They will aid in reinforcing material discussed in lecture as well as provide practical application.</li> </ul>	0	Online under Practice Work; will release as needed
<p><b>Assignments (3):</b> Assignments will be posted on Blackboard, under “Graded Assessments”. 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.</p> <ul style="list-style-type: none"> <li><b>“What’s In My Closet?” (80 points):</b> complete the table, answer questions and submit online.</li> <li><b>“Weaving Mats” (80 points):</b> an exercise in weaving; submit during class.</li> <li><b>“Fabric Selection” (80 points):</b> demonstrate knowledge, select fabric for garments, submit online.</li> </ul>	240	1/31 4/4 4/27
<p><b>Professional Development:</b> Plan to attend one event below and complete the assignment. Submit on Blackboard under “Assignments”.</p>	60	4/20

<ul style="list-style-type: none"> <li>• <b>Merchandising EIR:</b> Tuesday, February 7 (TBD); submit 5 quotes from the speaker and state 3 things you learned (limit of one page).</li> <li>• <b>Consumer Symposium Experience,</b> Thursday, April 6 (TBD): submit 2 quotes from each speaker and state 5 things (total) you learned from the lectures (limit of one page). <ul style="list-style-type: none"> <li>○ If you are unable to attend the symposium, you may select another campus event with at least one speaker related to career development (obtain approval from me before attending). Do the same assignment as above.</li> </ul> </li> </ul>		
<b>Exams (3 @ 60 points each, 60 questions).</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). I 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. Scantron sheets will be provided. Bring a #2 pencil.	180	2/7 3/9 4/13
<b>Final Exam (1 exam @ 100 points; 100 questions):</b> the exam will be 60% covering the last section of the course (converting: aesthetic and functional finishes, including dyeing, printing and special techniques of coloration). The remaining 40% will be comprehensive. The questions will come mainly from practice quizzes, practice worksheets and will include a practical application section where you will determine and justify the selection of textiles for garment flat or other specified situation.	100	5/11
<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>	Mid to Late April

#### Course Schedule: Textiles for Apparel

Week	Dates	Lecture Topic	Reading, Practice Worksheets & Other Notes	Due Dates*	
1	JAN	17	Course Overview	Read Syllabus, Course Policies; buy your Swatch Resource Guide (SRG). Online retailers can take two weeks to ship; Barnes & Noble has a price matching policy.	"What's in My Closet?" available
		19	Introduction to Textiles	SRG** Introduction and Kadolph Ch. 1***	Syllabus Quiz & SRG Quiz open online
2	JAN	24	Product Development from a Textile Perspective	Kadolph Ch. 2	
		26	Textile Fibers & Their Properties	SRG Ch. 1 and Kadolph Ch. 3, 20, 21; begin assembling swatch book. Use instructions provided online: <a href="https://www.youtube.com/watch?v=HNKQeVD8sTY&amp;feature=youtu.be">https://www.youtube.com/watch?v=HNKQeVD8sTY&amp;feature=youtu.be</a>	Syllabus Quiz due
3	JAN	31	Textile Fibers & Their Properties (cont.)		"What's in My Closet?" due online
		2	Textile Fibers & Their Properties (cont.)	Swatch books should be assembled.	
4	FEB	7	<b>Exam 1</b>	Introduction to Textile Fibers & Their Properties	P&F Worksheet/Answer Key/Worksheet Quiz available
		9	Fibers: Natural, Cellulosic Fibers	SRG Ch. 2; Kadolph Ch. 4; bring SRG to class every lecture from now on	SRG Quiz due online
5	FEB	14	Fibers: Natural, Cellulosic Fibers		
		16	Fibers: Natural, Protein	Kadolph Ch. 5	
6	FEB	21	Fibers: Natural, Protein		
		23	The Fiber Manufacturing Process	Kadolph Ch.6	
7	FEB	28	Fibers: Manufactured Regenerated	SRG Ch. 3; Kadolph Ch. 7	
		2	Fibers: Manufactured Synthetic	SRG Ch. 4; Kadolph Ch. 8	
8	MAR	7	Fibers: Special Use	Kadolph Ch.9	P&F Worksheet Quiz due
		9	<b>Exam 2</b>	All Fibers: Natural & Manufactured	Y&F Worksheet/Answer Key/Worksheet Quiz available

		Spring Break March 13-17			
9		21	Yarns: Processing & Classification	SRG Ch. 5; Kadolph Ch. 10-11	Weaving Mats available
		23	Basic Weaves and Fabrics: Plain & Plain Weave Variations	SRG Ch. 6-7; Kadolph Ch.12	
10		28	Basic Weaves and Fabrics: Twill & Satin	SRG Ch. 8-9	
		30	Fancy Weaves and Fabrics	SRG Ch. 10-11; Kadolph Ch. 13	
11		4	Knits	SRG Ch. 12-13; Kadolph Ch. 14	Weaving Mats due in class
		6	Knits	SRG Ch. 14	
12	APR	11	Other Fabrications	SRG Ch. 15; Kadolph Ch. 15	Y&F Worksheet Quiz due
		13	<b>Exam 3</b>	Yarns and Fabrications (Weaving, Knitting, Other)	Converting Worksheet/Answer Key/Worksheet Quiz available
13		18	Overview of Converting	Kadolph Ch.16	Fabric Selection available
		20	Finishes: Aesthetic	SRG Ch. 17; Kadolph Ch.17-18	Professional Development due
14		25	Finishes: Functional		
		27	Color: Dyeing	SRG Ch. 16; Kadolph Ch. 19	Fabric Selection due online
15		2	Color: Dyeing/Printing		
		4	Color: Printing		Converting Worksheet Quiz due; Fabric Name Quiz available
	MAY	5	READING DAY – NO CLASSES	Makeup exams for eligible students who missed an exam; contact instructor at least 2 weeks in advance to confirm.	
16		11	<b>Exam 4</b>	60% Converting (Finishing, Dyeing, Printing)/40% Comprehensive Section 001: 10:30am – 12:30pm Section 003: 1:30pm – 3:30pm	Fabric Name Quiz due

\*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:

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

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