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DRAM 395.06: Special Topics - Fabric and Fiber ID and Usage

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DRAM 395 06
Fabric and Fiber Id & Usage
Spring 2007
T/TH 11:10-12:30
Office Hours: MW 8-9:30 am

Instructor: Wendy Stark
PAR/TV 198/40
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Course Description: Learning the process of fiber and fabric identification and the application of choosing appropriate fabrics for costumes.

Course Objectives: The objective of this course is to develop the fabric/fiber identification skills and the fabric application abilities of the costume technician and designer.

Abilities to be developed during this course:

1. To be able to correctly identify fibers content of fabrics
2. To be able to identify fabric weaves and knits
3. To be able to identify fabric finishes
4. To increase students fabric vocabulary
5. To understand fiber, weave, knit and finish and how they contribute to choosing appropriate fabrics for appropriate costumes

Required Texts: Kadolph and Langford, Textiles
Textile Fabric Consultants, Inc., Basic Textiles Swatch Kit

All Drama/Dance students must have an in-depth knowledge of the practices and procedures outlined in the Department of Drama/Dance *Handbook*. The *Handbook* is available online at <http://www.sfa.umt.edu/drama/index.html>.

Required Equipment

You will need to have:
Scissors for cutting fabric swatches
Tape
Writing utensils
Candle and lighter or matches
Aluminum foil
Tweezers

Course Requirements:

We will be learning to identify fibers and fabrics by weave, knit and name throughout the course. We will also spend time learning how these fibers and fabrics behave under different manipulation processes as well as how they behave during construction. All of this learning will be applied to how these fabrics and fibers relate to creating appropriate costumes.

1. There will be a series of quizzes where you will be required to identify fabric swatches given to you by fiber, weave/knit and name.
2. There will be homework assignments you will need to complete and bring into class for discussion.

3. There will be a final test at the end of the course over information in the book as well as information presented during the lectures.
4. There will be costume renderings given to you during the course that you will need to use the information you have learned and choose appropriate fabrics for the designs.
5. Class participation and exploration are important to your grade.

Grading

Quizzes-20%
 Homework-10%
 Test-20%
 Swatching- 30%
 Participation-10%

Class Policies:

Attendance-Attendance in this class is mandatory. Absences must be limited to reasons of illness or serious emergency and must be excused by the instructor. Missing classes will greatly hinder student's ability to proceed forward. More than three absences will drop the letter grade by one grade per absence.

Tardiness-A person is considered as tardy if they are not in class when class begins. Three instances of tardiness will count as an absence.

Grading-The course work consists of 3 practical projects, a test over material from the book and the lectures, and two critiques of University productions. The combination of these items will equal half of your grade for this course. Each project will receive one letter grade with the exception of the final project, which will count double. Letter grades will be assigned and averaged to reach the course grade. Grades: A, B+, B, C+, C, C-, D+, D, D-, and F.

Students with Disabilities-Students with disabilities and special needs should see the instructor.

Academic Misconduct and the Student Conduct Code:

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at www.umt.edu/SA/VP/SA/Index.cfm/page/1321.

Tentative Schedule

<u>Date</u>	<u>Lecture and Assignment</u>	<u>Assignment Due</u>
Jan 23	Introduction and Fiber Properties Assigned Reading: Preface Chapter 1,	Reading Section One and Two
25	Fiber Properties Assigned Reading: Chapter 3 Assign Homework #1: Physical Characteristics of Fiber	
30	Textile Fibers Assigned Reading: Chapter 4	Physical Characteristics Due

Feb	1	Assign Homework #2: Burn Test Textile Fibers Assigned Reading: Chapter 5	Burn Test Due
	6	Textile-Fibers Assigned Reading: Chapter 6, 7, 8	
	8	Quiz-Fibers and their properties	
	13	Yarns Assigned Reading: Chapter 10	Take Home Quiz #1 Due
	15	Yarns Assigned Reading: Chapter 11	
	20	Weaves-Plain Assigned Reading: Chapter 12	
	22	Weaves-Plain	
	27	Weaves-Twill, Satin Assign Project #1	
Mar	1	Weaves-Fancy Assigned Reading: Chapter 13	Project #1 Due,
	6	Weaves-Fancy	
	8	Weaves-Fancy and Narrow	
	13	Quiz-Yarns and Weaves	
	15	Knits Assigned Reading- Chapter 14	
	20	Knits	
	22	Fabrications Assigned Reading: Chapter 15	
	27	Spring Break	
Apr	29	Spring Break	Project #2 Due
	3	Quiz –Knits-Assign Project #2	
	5	Finishes-Aesthetic Assigned Reading: Chapter 16	
	10	Finishes-Aesthetic Assigned Reading: Chapter 17	
	12	Project #2-Due	
	17	Finishes-Special Purpose Assigned Reading: Chapter 18	
	19	Finishes-Special Purpose	
	24	Finishes-Dying and Printing-Assign Final Project Assigned Reading: Chapter 19	

26 Finishes-Dying and Printing

May 1 Final Project Due
Assigned Reading: Chapter 20

3 Fiber Care-Review for Test

9 8:00-10:00 Final Exam

Reading-Section Six

Final Project Due