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### DRAM 343.01: Textile Selection and Manipulation

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Drama 343  
Textile Manipulation  
Spring 2007, T/TH 8:10-11  
Office Hours: M W 8-9:30 am

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**Course Description:** Analysis of fibers, yarns, structures and finishes, as related to selection and use for the theatre. Basic dyeing, distressing and painting.

**Course Objectives:**

1. To learn the basic techniques employed by theatrical costume dyers/designers including:
  - a. immersion dyeing with fiber reactive and union dyes to achieve specified colors
  - b. aging and distressing
  - c. discharge and resist techniques including shibori and batik
  - d. painting mediums, painting with dyes and paints
  - e. printing including block printing, stencil/screen printing, marbling, blueprinting,
  - f. to be exposed to new painting and dyeing products
  - g. safety procedures
2. To apply the elements and principles of design to textile manipulation practices.
3. To learn how fibers, finishes and fabrics react to the textile manipulation process.

**Textbook:** Dryden, Deborah, Fabric Painting and Dyeing for the Theatre.

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>.

**Course Requirements:**

1. Samples for each of the techniques explored in class with written procedural information and self-assessment. Specific details will be covered with each project.
2. From the above, samples of a minimum of eight different techniques and/or media that are of sufficient quality, both technically and artistically, for inclusion in a portfolio. They need to be labeled and organized so they make a positive addition.
4. You will keep a notebook with swatches and recipes of the swatches from each project. This is your “recipe” book of the dyes and processes you will use throughout the course. You will be required to turn this book in twice during the semester.
3. Final project developed in consultation with the instructor.

## **Equipment Required:**

Bleached 100% cotton muslin, washed and prepared for dying- 10-15 yards  
Other fabrics as required - various fiber contents, weights and textures  
Textile paints and other products to supplement what shop provides  
Waterproof apron  
Rubber gloves  
Protective goggles  
Respirator with appropriate cartridges- you will purchase this through the University  
Notebook for your "recipes"  
Tape and staples for swatches

## **Grading:**

The following items will figure into the determination of your grade:

1. Samples and critiques representing each of the following techniques: 60%  
These samples will be graded on a point system that includes:  
10 pts=execution  
10 pts=design  
10 pts=process and self evaluation  
30 pts  
A=30-27  
B=26-23  
C=22-19  
D=18-15  
F=14-0
  - a. Immersion dyeing – color wheel
  - b. Immersion dyeing – color matching
  - c. Stencil Printing
  - d. Block printing
  - e. Tie dyeing, Shibori
  - f. Batik
  - g. Color removal
  - h. Distressing
  - i. Painting w/dyes, paints and specialized coloring products
  - j. Silk Painting
  - k. Blue printing or Brown printing
2. Final project 20%
3. Recipe notebook 10%
4. Portfolio presentation of work from course 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 practical projects, recipe notebook, preparing pieces for portfolio presentation and a final project. The combination of these items will equal your grade for this course. The

grading procedures for samples are laid out above. All other projects will be assigned these letter grades: A, B+, B, C+, C, C-, D+, D, D-, and F. Grade weight is defined above.

**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](http://www.umt.edu/SA/VP/SA/Index.cfm/page/1321).**

**Tentative Schedule:**

It will evolve, but will start with an introduction, safety information and immersion dyeing. We will all need to be flexible with this course, but the following is an **estimate** of how we will proceed.

You will need to put in time outside of class to complete your projects, so plan your schedule accordingly.

<b><u>Date</u></b>	<b><u>Lecture and Assignment</u></b>	<b><u>Assignment Due</u></b>
<b>Jan 23</b>	<b>Introduction-Safety, Equipment, Dying Basics</b>	
	<b>Assign Reading: Intro, Chapter 1 &amp; 6</b>	
<b>25</b>	<b>Fibers and Dyes, Immersion Dying</b>	
	<b>Assign reading of Chapter 2,</b>	
	<b>Chapter 4: Stencils Pgs 124-128</b>	
	<b>Assign Immersion Dying and Color Wheel</b>	
<b>30</b>	<b>Stencil Printing-Assign Stencil Project</b>	
	<b>Assigned Reading: Chapter 3</b>	
	<b>Chapter 4 pgs 124-128</b>	
<b>Feb 1</b>	<b>Work in class</b>	
<b>6</b>	<b>Work on Dying and Stencil</b>	
<b>8</b>		
<b>13</b>	<b>Block Printing-Assign Block Printing</b>	
	<b>Assigned Reading: Chapter 4 pg 112-124</b>	
<b>15</b>		<b>Color Wheel Due</b>
<b>20</b>	<b>Work in class</b>	<b>Immersion Dying Due</b>
<b>22</b>		
<b>27</b>	<b>Tie dye and Shibori-Assign Tie Dye and Shibori</b>	<b>Stencil Printing Due</b>
	<b>Assigned Reading: Chapter 4 pgs 95-104</b>	
<b>Mar 1</b>		
<b>6</b>	<b>Batik-Assign Batik</b>	<b>Block Printing Due</b>
	<b>Assigned Reading: Chapter 4 pgs 104-112</b>	
<b>8</b>		
<b>13</b>	<b>Work in Class</b>	
<b>15</b>		
<b>20</b>	<b>Color Removal and Distressing-Assign Color</b>	<b>Tie Dye and Shibori Printing Due</b>

	<b>Removal and Distressing</b>	
	<b>Assigned Reading: Chapter 5</b>	
22		<b>Batik Due, Recipe Notebook Due</b>
27	<b>Spring Break</b>	
29	<b>Spring Break</b>	
<b>Apr</b>	<b>3 Work on Samples and Distressing</b>	
	<b>5 Assign Final Project</b>	
	<b>10 Painting with Dyes and Paints, Specialized Paint Products-, Assign Painting w/ Dyes and Paints, Specialized Coloring Products</b>	<b>Distressing Due</b>
12		<b>Color Removal Due</b>
17	<b>Silk Painting-Assign Silk Painting</b>	
19		
24	<b>Blue or Brown printing-Assign Blue/Brown Print</b>	<b>Painting W/ Dyes, &amp; Paints, Specialized Products Due</b>
	<b>Assigned Reading: Chapter 4 pgs 168-174</b>	
26		<b>Silk Painting Due</b>
<b>May</b>	<b>1 Work on Final and Samples</b>	
	<b>3</b>	<b>All Portfolio Samples Due</b>
		<b>Recipe Notebook Due</b>
	<b>11 Final 8:00-10:00</b>	

**Selected Reference Materials:**

Books:

Buffington, Adriene, *Hand-Dyed Fabric Made Easy*, That Patchwork Place, 1996.

Hewitt, Barbara. *Blueprints on Fabric*. Interweave Press, Loveland, CO. 1995.

Johnston, Ann, *Color by Accident: Low-Water Immersion Dyeing*, Ann Johnston, Lake Oswego, OR, 1997.

Kennedy, Jill & Varrall, Jane. *Silk Painting, New Ideas and Textures*. Dover Publication, Inc., New York. 1993.

King, Sara Newberg, *Dye and Discharge: Playing on Fabric*, American Quilter's Society, Paducah, KY, 1998.

Laury, Jean Ray. *Imagery on Fabric*. C & T Publishing, Lafayette, CA. 1992.

Lawler, Mickey, *Skydyes: A Visual Guide to Fabric Painting*, C&T Publishing, Lafayette, CA, 1999.

Moyer, Susan Louise, *Silk Painting*, Watson-Guptill Publications, 1991.

Noble, Elin, *Dyes and Paints*, Martingale Company, Bothell, WA, 1998.

Porcella, Yvonne. *Color Changing Hue*. C & T Publishing, Lafayette, CA. 1994.

Proctor, Richard, and Lew, Jennifer F. *Surface Design for Fabric*. University of Washington Press, Seattle. 1984.

*Surface Designer's Art, The*. (Introduction by Katherine Westphal). Lark Books, Asheville, NC. 1993.

Taylor, Carol, *Marbling Paper and Fabric*, Sterling Publishing, Toronto, Canada, 1991.

Periodicals:

*American Craft*, American Craft Council

*Fiberarts*, Interweave Press

*Surface Design Journal*, Surface Design Association

*Threads*, Taunton Press

Suppliers

Dharma Trading Co. online at *Dharmatrading.com*

Lunn Fabrics online at *Lunnfabrics.com*

Pro Chemical and Dye online at *Prochemical.com*