

# TPA 4930/6930 Special Topics: Fabric Identification and Modification

Fall 2022, TR, period 4, 10:40-11:30am, CON 0238 and the Craft Room

## Instructor Information

### Instructor

Sarah L. Moench

### Email

smoench@arts.ufl.edu

### Office Location & Hours

Tuesdays 3:30-4:30pm  
Wednesdays 11:00am-12pm  
& by request  
In-person or Zoom by request

## General Information

### Description

The ability to identify fabric based on a range of characteristics is a critical skill for costume designers and technicians alike. It is also necessary in order to effectively modify the surface design of fabrics as needed for live entertainment. This course will cover the basics of how to identify the fibers and filaments that make up commonly used fabrics in live entertainment design and production. It also introduces students to a variety of techniques to modify the surface design of fabrics using textile paints and digital printing.

### Expectations and Goals

Upon completion of this course students will be able to:

- Identify the fiber or filament used to make up the yarns of a fabric
- Identify the structure of the fabric weave or knit
- Modify the surface of fabrics using textile paint with a variety of techniques
- Modify the surface design of a fabric using digital design and printing

## Course Materials

### Required Materials

All materials will be provided using M&S fees associated with this course.

This course schedule is subject to change at the instructor's discretion. Please refer to the Syllabus page on Canvas for the most up to date information.

## Course Schedule

Class Meeting	Topic	Homework Due
Week 1 8/25	Introduction to Fabric Identification and Modification, Overview of Syllabus	
Week 2 8/30 & 9/1	Natural and Human-made Fibers	
Week 3 9/6 & 9/8	Mapping fiber characteristics and burn testing	
Week 4 9/13 & 9/15	Work in class on mapping fiber characteristics and burn testing	
Week 5 9/20 & 9/22	Fabric weaves, knits, felt, and non-wovens	Fiber Characteristic Maps and Burn Test Swatches
Week 6 9/27 & 9/29	Work in class on identifying fabric swatches	
Week 7 10/4 & 10/6	Work in class on identifying fabric swatches	
Week 8 10/11 & 10/13	Surface design: block print, stencil, and digital fabric printing	Fabric Swatch Identification (Midterm)
Week 9 10/18 & 10/20	Work in class on paint and surface design samples	
Week 10 10/25 & 10/27	Spraying and shading for ageing and distressing	Block, Stencil, and Digital Fabric Prints
Week 11 11/1 & 11/3	Work in class on ageing and distressing samples	
Week 12 11/8 & 11/10	Overview of Final Project	Ageing and Distressing Project
Week 13 11/15 & 11/17	Work in class on Final Project	
Week 14 11/22 & Thanksgiving Holiday	Work in class on Final Project	
Week 15	Work in class on Final Project	

Class Meeting	Topic	Homework Due
11/29 & 12/1		
Week 16 12/6	Work in class on Final Project	
Last day of classes is 12/7		
Week 17 Tuesday, 12/12	Final Projects Due by 4:49pm in the Craft Room	Final Project

### Evaluation of Grades

Assignment	Total Points	Percentage of Final Grade
Fiber Characteristic Maps	100	10%
Burn Test Swatches	100	10%
Fabric Swatch Identification (Midterm)	200	20%
Paint Swatches	100	10%
Block & Stencil Prints	100	10%
Ageing & Distressing Project	100	10%
Final Project	300	30%
		100%

Homework assignments will be graded using customized rubrics. Each rubric will consist of the skills specific to that assignment and points will be given based on mastery of skill. The following Mastery of Skill rubric will be applied to the individual skills evaluated.

Assignments are due at the beginning of class on the specified due date. Late work will be accepted at a 10% penalty per each class it is turned in late. After 4 classes, a late assignment will no longer be accepted. This late work policy does not apply to excused absences.

The Costume Shop and Craft Room is open Monday through Friday from 9am to 5pm. During THE 4950 Production Workshop, access to the Costume Shop may be limited, but is always negotiable. Production Workshop meets Monday through Thursday during periods 6 & 7, 12:50pm to 2:45pm. If you would like to work on homework during this time, please check in with the instructor of record or graduate teaching assistant leading Production Workshop that day.

Additional homework hours are available Mondays, Wednesdays, and Fridays from 5pm to 8pm. A graduate teaching assistant will be present in the building to monitor the production shops during these times.

Score (based on UF Grading Scale)	Mastery of Concepts	Application of Skills	Quality of Work
4	Exceeds class expectations in understanding and presentation of concepts. Easily verbalizes the concepts to faculty and peers.	Consistently selects and applies proper skills. Assists others with the correct skill choices.	Workmanship is at a level consistent with professional industry standards.
3.67	Meets class expectations in the understanding and presentation of concepts. Verbalizes the concepts to faculty and peers.	Consistently selects and applies proper skills. Recognizes errors in their own work.	Workmanship is very good but does not possess a high professional skill level.
3	Meets class expectations in the understanding presentation of concepts. Verbalizes the concepts to faculty and peers.	Often selects and applies proper skills. Sometimes recognizes errors in their own or others work.	Workmanship is very good but does not possess a high professional skill level.
2	Has difficult time understanding and/or verbalizing the concepts.	Sometimes selects and applies proper skills. Sometimes recognizes errors in their own or others work.	Workmanship meets the minimum standards for this class.
1	Has difficult time understanding and/or verbalizing the concepts	Does not select and apply proper skills. Sometimes recognizes errors in their own or others work.	Workmanship does not meet the minimum standards for this class.

## Grading Policy

Percent	Grade	Grade Points
90.0 - 100.0	A	4.00
87.0 - 89.9	A-	3.67
84.0 - 86.9	B+	3.33
81.0 - 83.9	B	3.00
78.0 - 80.9	B-	2.67
75.0 - 79.9	C+	2.33

72.0 - 74.9	C	2.00
69.0 - 71.9	C-	1.67
66.0 - 68.9	D+	1.33
63.0 - 65.9	D	1.00
60.0 - 62.9	D-	0.67
0 - 59.9	E	0.00

More information on UF grading policy may be found at:

<http://gradcatalog.ufl.edu/content.php?catoid=10&navoid=2020#grades>

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

## *Attendance*

The success of this course is based on discussion and class participation. Attendance is vital. Your first unexcused absence from class will be permitted without penalty. The second unexcused absence will lower your final grade by 5%. The third unexcused absence will lower your final grade by 15%. The fourth unexcused absence will lower your final grade by 30%. Two (2) late arrivals and/or early departures to/from class will count as one (1) absence.

Excused absences are consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>) and require appropriate documentation.

## *In-Class Recordings*

Please refer to the UF website for specific guidelines on in-class recordings and their use: [In-Class Recording - Academic Affairs - University of Florida \(ufl.edu\)](#)

## *Students Requiring Accommodations*

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

## *Course Evaluation*

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://gatorevals.aa.ufl.edu/>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://gatorevals.aa.ufl.edu/>.

## *University Honesty Policy*

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

### *Software Use*

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

### *Student Privacy*

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see: <http://registrar.ufl.edu/catalog0910/policies/regulationferpa.html>

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

### *Campus Resources:*

#### *Health and Wellness*

**U Matter, We Care:**

If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352 392-1575 so that a team member can reach out to the student.

**Counseling and Wellness Center:** <http://www.counseling.ufl.edu/cwc>, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

**Sexual Assault Recovery Services (SARS)**

Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or <http://www.police.ufl.edu/>.

Academic Resources

**E-learning technical support**, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.  
<https://lss.at.ufl.edu/help.shtml>.

**Career Resource Center**, Reitz Union, 392-1601. Career assistance and counseling.  
<https://www.crc.ufl.edu/>.

**Library Support**, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

**Teaching Center**, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.  
<https://teachingcenter.ufl.edu/>.

**Writing Studio, 302 Tigert Hall**, 846-1138. Help brainstorming, formatting, and writing papers.  
<https://writing.ufl.edu/writing-studio/>.

**Student Complaints Campus**: [https://www.dso.ufl.edu/documents/UF\\_Complaints\\_policy.pdf](https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf).

**On-Line Students Complaints**: <http://www.distance.ufl.edu/student-complaint-process>.