

Course: TEXTILES Fall 2021

CUNY/NYC College of Technology

Professor: Dr. Nazanin Munroe

Business Dept. Office: 718-260-5773

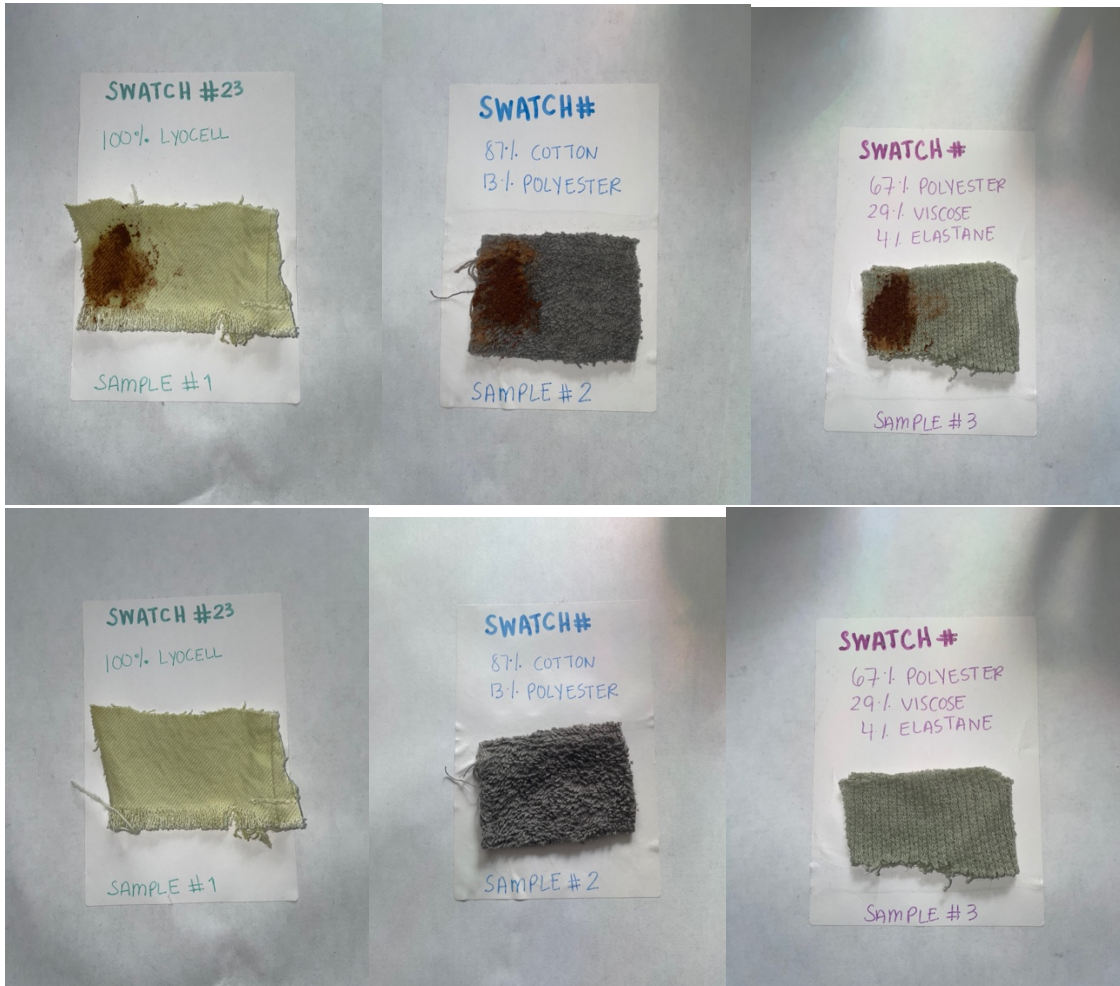
Course/Section: BUF 2246-OL35, 3 Credits/4 hours (lecture/lab)

Meeting times: Mondays & Wednesdays, 4-5:40 pm

Lab #2-Stain test with organic materials

LAB REPORT Answer these questions and submit your report, with thumbnails photos of your samples at 10 min. with staining agents, and after washing.

1. How did the appearance of the staining agent differ on the swatches during the experiment?
Jot down a brief note for each:



- a. Sample 1/Agent 1: Dirty, powder stain
- b. Sample 1/Agent 2: light brownish stain
- c. Sample 2/Agent 1: Brownish powder stain
- d. Sample 2/Agent 2: Wet clean stain
- e. Sample 3/Agent 1: Dark powdered wet stain
- f. Sample 3/Agent 2: clean wet stain

2. Which fabric was most affected by agent #1? List in order of darkest to lightest stain residue

Sample #1, most fabrics and samples were turned from a dark stain to a light residue stain left

3. Which fabric was most affected by agent #2? List in order of darkest to lightest stain residue

Sample #1 as well, most fabrics and samples were turned from a dark stain to a light residue stain left

4. How much staining is left after washing? Indicate: none, some, most, or all

Swatch 1, Agent 1: very little, almost removed 90%
Swatch 1, Agent 2: a lot of it is still left, stain almost didn't come off

Swatch 2, Agent 1: None left, removed all stain
Swatch 2, Agent 2: None left, removed all stain

Swatch 3, Agent 1: some of it left, almost removed all stain
Swatch 3, Agent 2: some of it left, almost removed all stain

5. Write a brief summary (a paragraph) concluding your observations on the lab. Include: Which fiber was the least stain-resistant (i.e., the stain remained after washing)? Were the results expected or unexpected? How do you think you can remove a difficult stain? How does this impact your clothing choices? Do you care if your clothes are stained; why or why not? Is there any upside to organic materials that stain your clothes?

The least resistant fiber was swatch 1 as with agent #2, most of the stain still remained. I would say the results were expected because swatch 2 was very dark and appeared easier to clean and remove the stain, while #1 was very light and appeared harder to remove. To remove a difficult stain, you need to find the right products that matches the fiber and works together in removing the stain. I tend to be one who accidentally stains some of my clothing because of the use of bright and light colors, and with this test we saw how swatch 2 was very dark and the stain was removed and is barely noticeable. Yes, I do care when my clothes are stain and very visible because it's a very obvious imperfection that sometimes takes away from the look. I think that these organic materials might be easier to remove with detergents or other agents because it will be easier for the chemicals to interact and remove the stains.