

Course: TEXTILES CUNY/NYC College of Technology Spring 2019
Professor: Dr. Nazanin Munroe
Course/Section: BUF 2246-HD22 **M:** 12-1:40 pm/N-1007

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Introductory Lab

Using samples from your Swatch Kit, you will be exploring various aspects of fabric performance. Each experiment compares two different fabrics. 4 points total each question (2 pts sample, 2 pts explanation).

1: Which sample has the greatest luster?

SAMPLE # 2 has the greatest luster.

What would you envision as an end use for each of these samples?

SAMPLE # 1's end use could be a little pouch or bag to carry around that you wouldn't mind losing or roughing up and SAMPLE # 2's end use is in the name, which is drapery lining.

2: Which sample has the greatest opacity?

SAMPLE # 3 has the greatest opacity.

Which of these samples would be appropriate for men's shirting, and how do you know?

SAMPLE # 4 would be appropriate for men's shirting because they already make dress shirts out of that sample and they don't include the floral print on them.

3: Which sample has the optimal drape for a loose-fitting summer garment?

SAMPLE # 6 has the optimal drape for a loose-fitting summer garment.

Explain how you decided that one fabric would be more appropriate than the other for this end use.

I decided to go with SAMPLE # 6 because I happen to own a loose-fitting summer garment made out of that sample.

4: Which sample has the best wrinkle recovery?

SAMPLE # 7 has the best wrinkle recovery.

What is the advantage of wrinkle recovery in apparel?

The advantage of wrinkle recovery in apparel falls under the category of aesthetics because it's important to know how easy a fabric wrinkles, most people don't want to go around looking like a crumpled-up paper ball.

5: Which sample has the greatest permeability?

SAMPLE # 10 has the greatest permeability.

What aspect of comfort is affected by permeability? Why do you want greater permeability for apparel?
The aspect of comfort that is affected by permeability is the breathability of the fabric. You want greater permeability for apparel because most people like fabrics that don't make them feel like they're in an oven, if it's more breathable it's more comfortable.