BF35 Textile and Non-Textile Analysis: Syllabus
Prerequisite: FD11. BF31 (BF majors only) Open only to FD and BF majors
3 Credits – 3 Hours

Instructor: [Blank]

Contact:

In Person:
Office Hours: Tues: 3:00pm – 4:00pm  Thur: 10:20am – 11:20am
Office [Blank]

Virtual:
Email: [Blank]
Video Chat: Email to make an appointment

Required Text:
J.J. Pizzuto’s Fabric Science Swatch Textbook, Author: Johnson/Cohen Sarkar, Publisher: Bloomsbury
ISBN-10: 1501316516

Required Materials:

- Desktop or Laptop Computer*
- Fabric Swatch to accompany the required text.

*If you do not have this, please use the below link about obtaining a loaner laptop for the semester.)
https://www.kbcc.cuny.edu/studentaffairs/LaptopTabletLoanProgram.html

Course Description:
Fashion fabrics and non-textile merchandise information, including their identification, characteristics, merits, limitations and care. Study of fibers, yarns, construction, finishes, coloring of fabrics, leather, furs, jewelry, and other non-textile products, and their success in the marketplace. Characteristics of a wide range of fabrics and products are explored.

Rationale:
Textiles and non-textile materials are the ingredients used by fashion designers and fashion brands. They are used to create not only clothing, but a wide variety of objects created by designers. Just as it is crucial for chefs to know the properties of their ingredients before they can create dishes, designers must be fully versed with the types and properties of textiles before they can design looks. Fabric selection is one of the most important factors when designing garments, or any product made from fabric. Designers or brand owners must be very knowledgeable about textiles in order to ensure their clothing or products are prices appropriately, will function as intended, will fit appropriately, will look and be shaped as intended, along with other vital factors for success of a garment or product.
Outcomes:

1- Understand the fibers used for textile production.
2- Understand characteristics of different fiber types.
3- Understand yarn types and their characteristics.
4- Identify main weave types.
5- Identify main knit types.
6- Understand the characteristics of different weave / knit types.
7- Identify different types of wool, cotton, silk, synthetic, and leather/fur.
8- Understand and identify different types of fabric finishes and embellishments.
9- Understand and identify different types of fabric dying and printing.
10- Understand quality control in fabric development.

Course Structure:

This course is an Asynchronous online course. This means there will be no specific time in which students will have to be present for class.* All information, course content, assignments, and announcements for this course can be found on Black Board. Please use Black Board and check your school email frequently to ensure you stay up-to-date with the information and assignments for this course.

*Students will have to meet online for the final exam at a given time / date.

Asynchronous Course Components:

Video lessons, assignments, and informational material will be released each week on Black Board. It will be up to the student to watch each video lesson on their own time. The course is broken up into weekly segments. Although there is no defined time for students to participate, each weekly segment should be completed during that week.

Links to the video lessons will be posted on Black Board, and are hosted on YouTube on the channel KCCBF35. If you subscribe to this channel, you will be alerted of new video lessons when they are posted.

Assignments will also be posted on Black Board each week and should be completed by the posted due date.

Grading

Grades are based on weekly assignments and the final exam. Grades will be based on the completeness, punctuality, accuracy, and level of competency for the material covered. Late assignments will be penalized. The final exam will be online and synchronous, which means students will be required to log onto Black Board at a specific date and time.
BF35-01 – Textile and Non-Textile Analysis - Grade Breakdown:

How grading will work:

Each assignment will count for a certain amount of points. The number of points an assignment has, reflects its percentage impact toward your final grade. For example, an assignment with more points will have a larger impact on your final grade. In this course, there will be a total of 340 pts that have been divided up among the assignments and critique participation. For each assignment a student will receive a score based on that assignment’s total points. A student may keep track of their grade by adding up all of the points they have scored and dividing it by the total number of points for each assignment.

Example:
Assignment 1: Score – 19/20
Assignment 2: Score - 20/20
Assignment 3: Score – 18/20
Current Grade = (Student Score 57) divided by (Total Points 60) = .95 or 95% or A

Assignments:

Assignment 1: Fiber Survey – 20pts or 6% of your final grade
Assignment 2: Yarn Worksheet– 20pts or 6% of your final grade
Assignment 3: Woven Survey– 20pts or 6% of your final grade
Assignment 4: Knit Survey– 20pts or 6% of your final grade
Assignment 5: Cotton Worksheet– 20pts or 6% of your final grade
Assignment 6: Wool Worksheet– 20pts or 6% of your final grade
Assignment 7: Silk Worksheet– 20pts or 6% of your final grade
Assignment 8: Synthetic Worksheet– 20pts or 6% of your final grade
Assignment 9: Leather and Fur Worksheet– 20pts or 6% of your final grade
Assignment 10: Finishes and Embellishments Worksheet– 20pts or 6% of your final grade
Assignment 11: Print and Dye Worksheet– 20pts or 6% of your final grade
Assignment 12: Sample Fabric Test– 20pts or 6% of your final grade
Final Exam: 100 pts or 28% of final grade

Assignments:

All given assignments will have a specified due date shown the assignment description page. All assignments will be submitted on Black Board. If there is an issue with your Black Board assignment submission please email your assignment to:

Final Exam Due Date: June 10th 2021 10:00am – 12:00pm

Attendance:

Attendance for this course will be based on a student’s punctual submission of assignments. Extremely poor attendance may result in a WU. Failure submit your first assignment on time along with failure to communicate with your instructor the first week of classes will result in a WN. This means a student will be automatically withdrawn from the course.
Additional Notes:

- **Academic Dishonesty**: You are expected to do your own work. If you cheat or copy someone else’s work (or allow yours to be copied) you will be graded with ZERO or potentially course failure. (KCC’s plagiarism policy is at www.kingsborough.edu.)
- **Civility** and respect for others is essential in an academic environment. Any acts of harassment and/or discrimination based on race, gender, age, sexual orientation, religion, or ability will not be tolerated.

Resources:

If you have any questions or concerns about this course, please email them to the instructor at:

You can also email the virtual Fashion Lab for any questions relating to the Fashion Design Program.

**KCCFashionLab@gmail.com**

For a full list of resources available to Kingsborough students, visit the school’s website page for student resources:

**https://www.kbcc.cuny.edu/studres/**

Weekly Schedule:

**Week 1 – Fibers**
Learning Objectives:
- What are the main fibers used for textiles?
- Where do these fibers come from?
- What are their properties?
- What are some rarer sources of fiber?

Assignment 1:
- Student self survey – Have students look through their house and wardrobe and identify what types of fiber content their clothes / objects consist of

**Week 2 – Yarns**
Learning Objectives:
- How is fiber spun into yarn?
- What is z-twist and s-twist yarn?
- What are specialty yarns and what are their characteristics?
- What is a yarn gauge?
- What is plied yarn?

Assignment 2: Yarn work sheet – Students will think creatively about how to use different yarn types for different fabrics.
Week 3 – Woven Fabric
Learning Objectives:
• What are the properties of woven fabric?
• What is plain weave?
• What is twill weave?
• What is satin weave?
• What are the properties of each of the main 3 weave types?
• What are some of the rarer / specialty weave types?

Assignment 3:
• Student self survey – Students will identify different weave types in their own wardrobe / objects.

Week 4 – Knit Fabric
Learning Objectives:
• What are the properties of knit fabric?
• What is a knit stitch?
• What is a purl stitch?
• What is a rib knit?
• What are some other knit patterns?
• What are the properties of specific knit patterns?

Assignment 4:
• Student self survey - Students will identify different knit types in their own wardrobe / objects.

Week 5 – Cotton Fabrics
Learning Objectives:
• What are the types of cotton fabric?
• What garments / objects is cotton most frequently used in?
• How does one identify different types of cotton fabrics?

Assignment 5:
• Cotton worksheet – Students will answer questions and think creatively about how to use cotton fabrics.

Week 6 – Wool Fabrics
Learning Objectives:
• What are the types of wool fabric?
• What garments / objects is wool most frequently used in?
• How does one identify different types of wool fabrics?

Assignment 6:
• Wool worksheet – Students will answer questions and think creatively about how to use wool fabrics.

Week 7 – Silk Fabrics
Learning Objectives:
• What are the types of silk fabric?
• What garments / objects is silk most frequently used in?
• How does one identify different types of silk fabrics?

Assignment 7:
• Silk worksheet – Students will answer questions and think creatively about how to use silk fabrics.
Week 8 – Synthetic Fabrics
Learning Objectives:
• What are the types of synthetic fabric?
• What garments / objects is synthetic most frequently used in?
• How does one identify different types of synthetic fabrics?

Assignment 8:
• Synthetic worksheet – Students will answer questions and think creatively about how to use synthetic fabrics.

Week 9 – Leather and Furs
Learning Objectives:
• What are the types of leathers and furs used in textiles?
• What garments / objects are leather and fur most frequently used in?
• How does one identify different types of leather and fur fabrics?

Assignment 9:
• Leather and fur worksheet – Students will answer questions and think creatively about how to use leather and fur fabrics.

Week 10 – Finishes and Embellishments
Learning Objectives:
• What are some finishes applied to textiles?
• What are the characteristics of finishes?
• What is beading?
• What is embroidery?
• What are some fabrics that often use finishes?

Assignment 10:
• Finishes and Embellishments worksheet – Students will answer questions and think creatively about how to use finishes and embellishments.

Week 11 – Printing and Dyeing Fabric:
Learning Objectives:
• What are the methods used to dye fabrics?
• What is piece dying?
• What is yarn dying?
• What are some methods used to print fabric?

Assignment 11:
• Print / Dye worksheet – students will find and identify different types of printed and dyes fabric.

Week 12 – Quality Control / Fabric Design Development
Learning Objectives:
• What is a hand loom?
• What are lab dips?
• What is a strike off?
• How and why are fabric samples tested?
• How does one read a fabric test?

Assignment 12:
• Sample Fabric Test – Students will be given a sample fabric quality test and answer questions about the results shown.