COURSE OUTLINE

WEEK 1  INTRODUCTION / TEXTILE INDUSTRY


Start on Fabric Index  (Due 5/4)  25 points
Read: Fabric Science, Ch.1 and Ch.2

WEEK 2  PRINT DESIGN

2/10  Lecture: Print Design Market & Design Inspiration
Basics of print design and resources. Why is it important to understand print design?

Print Design Project (group)  (Due 3/2)  50 points
Read: Fabric Science, Ch.9 and Textile Print Design

WEEK 3  PRINT DESIGN

2/17  Lecture: Design Development.
Selecting or creating the design inspiration.
Designing Coordinating Prints.

WEEK 4  PRINT DESIGN

2/24  Lecture: Pattern Repeats / Color Combinations

WEEK 5  PRINT DESIGN

3/2  Print Design Project Due: Presentation and critique
Read: Fabric Science, Ch.6

WEEK 6  KNITS

3/9  Lecture: Knitted Fabrics & Knitwear market
Knitting industry and terminology.
Knit Design Project (group)  (Due 4/6)  50 points
WEEK 7  KNITS

3/16  Lecture: Knit Structure and Design
Basics of knit design and resources. Why is it important to understand knit design?

WEEK 8  KNITS

3/23  Lecture: Presentation Layout
Knit Design Layout: Pattern Repeats / Color Combinations

3/30  SPRING BREAK  No  Classes

WEEK 9  KNITS

4/6  Knit Design Project Due: Presentation and critique
Mid-term exam review

WEEK 10  MID-TERM EXAM

4/13  Mid-term Exam
Read: Fabric Science, Ch.14

WEEK 11  TEXTILE TESTING

4/20  Lecture: Textile Testing and Analysis
Test 1: Fabric ID  (Due 4/20)  10 points
Test 2: Fabric colorfastness to light  (Due 5/11)  10 points

WEEK 12  TEXTILE TESTING

4/27  Lecture: Product Development
Test 3: Fabric wrinkle resistance  (Due 4/27)  10 points
Test 4: Woven fabric shrinkage  (Due 5/4)  10 points

WEEK 13  TEXTILE TESTING

5/4  Lecture: Analyzing shrinking of woven fabric (Test #4)
Test 5: Fabric colorfastness to crocking  (Due  5/4)  10 points

Fabric Index Due*
Read: Fabric Science, Ch.15 and Ch.16
WEEK 14  MARKETING AND SALES / LAWS AND REGULATIONS

5/11  Lecture: Analyzing colorfastness to light (Test #2)
Compliance issues and Textile regulations
Textile marketing and making the right choice
Fabric and trim buying

FABRIC INDEX RETURNED

WEEK 15  FABRIC INDEX PRESENTATIONS & REVIEW

5/18  Exchange Fabric Index: individual presentation
Final exam review

WEEK 16  FINAL EXAM:  TUESDAY, MAY 25, 6:00 – 8:00pm