COURSE INFORMATION FORM

DISCIPLINE  Apparel and Textile
COURSE TITLE  Experimental Design

CR.HR  1  LECT HR.  1  LAB HR.  4  CLIN/INTERN HR.  CLOCK HR.  

CATALOG DESCRIPTION
Examine diverse sources of inspiration, design process, creative development and technical execution of apparel through a combination of flat pattern and draping. Students will explore shape, silhouette and surface design with emphasis on the use of traditional as well as non-traditional and recycled materials.

PREREQUISITES
APTX 211 Pattern Design – Flat Pattern
APTX 215 Pattern Design - Draping

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Outline the creative and design process.
2. Demonstrate the use of specific design terminology.
3. Analyze sources of inspiration with emphasis on presentation, design development, and aesthetic.
4. Demonstrate the integration of concept development, illustration techniques, flat pattern, and draping.
5. Demonstrate innovation and artistic design development with emphasis on traditional, non-traditional and recycled materials.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>ESO</th>
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<tr>
<td>3. Life-Long Learning:</td>
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<td>C. Attributes of an Awareness of the Convergence of Knowledge</td>
<td>(1,2,3,4,5)</td>
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<td>2. Apply learned skills to real world interactions</td>
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<td>3. Synthesize information to facilitate applications</td>
<td>(1,2,3,4,5)</td>
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PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

Demonstrate professional creative and technical expertise in product development
- Identify target markets, accessing of consumer audience.
- Perform necessary creative research for targeted product development
- Develop designs and edit selections appropriately to serve target market
- Develop technically appropriate patterns
- Demonstrate and utilize professional garment construction techniques
- Identify clothing development from various historical periods and demonstrate proficiency in utilizing historical influence

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Participation in class discussion and demonstration 1,2,3,4,5
2. Focused assignments over selected readings 1,2,3,4,5
3. Capstone project demonstrating mastery and ability to integrate key concepts related to design process 1,2,3,4,5
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An asterisk can be used to mark an item as optional.

I. Experimental design
   A. Related concepts
   B. Writings and current research in design

II. Design process
    A. Creativity and the creative process
    B. Documenting creative work

III. Creative research
     A. Examining sources of inspiration
     B. Interpreting and presenting inspiration sources

IV. Presentation