COURSE INFORMATION FORM

DISCIPLINE          Apparel and Textile
COURSE TITLE        Pattern Design – Flat Pattern
CR.HR            3        LECT HR.  1        LAB HR.  4        CLIN/INTERN HR.   CLOCK HR.  

CATALOG DESCRIPTION
Basic principles and methods of flat pattern design. Original design development from basic sloper. Focus on pattern making process and design room techniques.

PREREQUISITES
APTX 113 Advanced Clothing Construction

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

1. Design basic skirt, bodice, pant or dress patterns in full scale.
2. Design a garment, construct the pattern and construct in actual fabric.
3. Construct a pattern based on a fashion sketch.
4. Demonstrate grading technique, measurement and fitting in the production of garment.

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.

Outcomes                              ESO
3. Life-Long Learning:
   C. Attributes of an Awareness of the Convergence of Knowledge
   2. Apply learned skills to real world interactions (1,2,3,4)
   3. Synthesize information to facilitate applications (1,2,3,4)
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 ability to communicate effectively in oral, written and visual forms
  • Recognize and use appropriate professional terminology

Recognition of current ethical and professional issues in textiles and apparel industries.
  • Demonstrate knowledge of ethical issues related to labor, global trade, and free/fair trade.
  • Demonstrate knowledge of environmental issues related to dyeing, weaving and manufacturing of apparel product.
  • Demonstrate knowledge of historic issues in clothing, dress related to labor and production.

Demonstrate professional creative and technical expertise in product development
  • Develop designs and edit selections appropriately to serve target market
  • Develop technically appropriate patterns
  • Demonstrate and utilize professional garment construction techniques

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. Classroom projects - 1,2,3,4
2. Individual assignments - 1,2,3,4
3. Final project - 2,3,4
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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. Introduction
   A. Fashion industry with emphasis on design and apparel production
   B. The sloper and pattern making design room techniques
   C. The garment and pattern size variations

II. Measurements
   A. Size specifications for manufacturing companies
   B. Commercial pattern measurements and specifications

III. Dart and fullness manipulations (half-scale)
   A. Bodice
   B. Skirt

IV. Collars (half-scale)

V. Sleeves (half-scale)

VI. Pants (half-scale)

VII. Copy and “knock-off” techniques

VIII. Draft full-scale sloper

IX. Design original design from full-scale sloper