

City College of San Francisco
Course Outline of Record

I. GENERAL DESCRIPTION

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| A. Approval Date | September 2013 |
| B. Department | Fashion |
| C. Course Number | FASH 26 |
| D. Course Title | Flat Pattern Design I |
| E. Course Outline Preparer(s) | Judith Jackson |
| F. Department Chairperson | <u><i>Diane Green</i></u>
Diane Green |
| G. Dean | <u><i>Alfred Cruz</i></u> |

II. COURSE SPECIFICS

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|-------------------------|---|
| A. Hours | Lecture: 2 weekly (35 total)
Laboratory: 3 weekly (52.5 total) |
| B. Units | 3 |
| C. Prerequisites | None |
| Corequisites | None |
| Advisories | None |
| D. Course Justification | Pattern making is a core skill required of anyone entering into the profession of fashion design and production. This course introduces the student to the process of flat pattern making, wherein they will learn to develop a pattern for garments from design to completion. This knowledge is crucial for success in the field of fashion design. |
| E. Field Trips | Optional |
| F. Method of Grading | Letter, Pass/No Pass |
| G. Repeatability | 0 |

III. CATALOG DESCRIPTION

Principles and techniques of designing a garment pattern using flat pattern methods. Using a basic sloper, students analyze designs and create patterns for those designs. Students will create a final, finished garment from an original design.

IV. MAJOR LEARNING OUTCOMES

Upon completion of this course a student will be able to:

- Analyze garment design components and interpret them using the principles of flat pattern making
- Create patterns that accurately represent the original design and fit the intended model
- Create patterns that include various garment elements such as bodices, skirts, dresses, sleeves, and collars
- Integrate standard industry markings and symbols into garment patterns
- Demonstrate a knowledge of pattern making tools

V. CONTENTS

- A. Introduction to Flat Pattern techniques
 - 1. Comparison of different types of pattern making
 - 2. Pattern making tools
 - 3. Pattern making vocabulary
 - 4. Ease
- B. Flat Pattern Principles
 - 1. Dart Manipulation
 - a. Dart legs and end point
 - b. Dart placement
 - c. Standards and rules of thumb
 - 2. Added Fullness
 - 3. Contouring
- C. Standard symbols and markings
 - 1. Grainline
 - 2. Notches
 - 3. Drill holes
 - 4. Cutter's instructions
 - 5. Pattern record card
- D. Pattern development process
 - 1. Design analysis
 - 2. Manipulating the sloper to create a new pattern
 - 3. Testing the pattern using a sewn sample
 - 4. Revising the pattern based on sewn sample
 - 5. Repeating the cycle as needed
- E. Bodices and design variations
 - 1. Darts
 - 2. Princess seams
 - 3. Panel seams
- F. Skirts and waistline finishes
- G. Development and use of the torso block for garments without a waist seam
- H. Sleeves
 - 1. Set-in sleeves
 - 2. Sleeve-bodice combinations
- I. Special design problems
- J. Creating the production ready pattern
 - 1. Adding notches, drill holes and other markings
 - 2. Seam allowances
 - 3. Working patterns vs. final patterns
 - 4. Pattern record card
 - 5. Flat drawing showing all garment details

VI. INSTRUCTIONAL METHODOLOGY

- A. Assignments
 - 1. In-Class

- a. Practice problems on techniques taught in class using half scale and full scale slopers
 - b. Patterns and sewn samples of various garment elements in half and full scale, such as a princess seam bodice, sleeve, or skirt
 - c. Midterm requiring the interpretation of an actual garment into a half scale pattern
 - d. Final, cumulative project in which an original design is developed as a pattern and a garment in full scale
 - e. Field trips such as visits to design production facilities
2. Out-of-Class:
 - a. Readings from textbook and other instructional materials as assigned
 - b. Final project described above (d)
 - c. Homework practice problems with small scale slopers
 - d. Completion of patterns and samples, above
- B. Evaluation
1. Practice problems in half and full scale
 2. Patterns and sewn samples for various garment elements
 3. Midterm
 4. Final Project
- C. Textbooks and other instructional materials
1. Patternmaking for Fashion Design, Helen Joseph Armstrong, 5th edition, Pearson, 2010
 2. Instructor handouts on topics such as the meaning of notches, completing a pattern record card, or design analysis

VII. TITLE 5 CLASSIFICATION

CREDIT/DEGREE APPLICABLE (meets all standards of Title 5. Section 55002(a)).