

City College of San Francisco
Course Outline of Record

I. GENERAL DESCRIPTION

A. Approval Date	September 2013
B. Department	Fashion
C. Course Number	FASH 29
D. Course Title	Pattern Grading
E. Course Outline Preparer(s)	Judith Jackson
F. Department Chairperson	<u><i>Diane Green</i></u> Diane Green
G. Dean	<u><i>Mark Long</i></u>

II. COURSE SPECIFICS

A. Hours	Lecture: 0.5 weekly (8.75 total) Laboratory: 1.5 weekly (26.25 total)
B. Units	1
C. Prerequisites	None
Corequisites	None
Advisories	None
D. Course Justification	This course provides the core knowledge, principles and techniques of the essential skill of pattern grading, that is, making patterns into multiple sizes. These basic principles must be understood prior to applying them to computerized patterns.
E. Field Trips	Optional
F. Method of Grading	Letter, Pass/No Pass
G. Repeatability	0

III. CATALOG DESCRIPTION

Theories and techniques for grading patterns into multiple sizes, including principles of fit, how the body grows, and various size ranges. Conventional methods are used to practice the basic principles of grading on a variety of pattern types.

IV. MAJOR LEARNING OUTCOMES

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

- Grade a standard production pattern into multiple sizes, using the pattern sliding technique.
- Grade a standard production pattern into multiple sizes, using a gradometer or grading machine.
- Compare and contrast the theories and practices of industry grading, including both conventional and computerized methods.
- Operate commonly used grading machines to grade patterns
- Describe the principles and standards of garment sizing, and how they apply to the human form as it grows from size to size.

V. CONTENTS

- A. Introduction to grading: principles of body / pattern growth
 - 1. Circumference growth
 - 2. Length growth
 - 3. Width growth
 - 4. Pattern size ranges for women, men and children
- B. Principles of pattern grading
 - 1. Terms and equipment
 - 2. Grading rules
 - 3. Use of grading machine
 - 4. Development and reading of a grading chart for both manual and computerized grading
 - 5. Differences in grading for men, women and children
- C. Practice problems in grading
 - 1. Basic nested grade for fitted bodice
 - 2. Nested grade for a skirt, including skipped grades
 - 3. Nested grade for the torso, using uneven or customized grades
 - 4. Nested grade for the fitted sleeve
 - 5. Dividing standard grades into a new design
 - 6. Grading chart for the pant pattern

VI. INSTRUCTIONAL METHODOLOGY

- A. Assignments
 - 1. In class
 - a. Practice problems: graded patterns of different types (bodices, skirts, sleeves, dresses, pants) completed in full scale
 - b. Creation of grading charts for the above garment types
 - 2. Out of class
 - a. Readings from text
 - b. Completion of practice problems begun in class
- B. Evaluation
 - 1. Practice problems as listed above (a)
 - 2. Grading charts as listed above (b)
 - 3. Final quiz covering size ranges and principles of grading
- C. Textbooks and other instructional materials
 - 1. Concepts of Pattern Grading, 2nd ed., Kathy Mullet et.al. Fairchild Books, 2009

VII. TITLE 5 CLASSIFICATION

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