



El Camino College
COURSE OUTLINE OF RECORD – Official

Course Acronym:	FASH
Course Number:	14
Descriptive Title:	Apparel Production Techniques
Division:	Industry and Technology
Department:	Fashion
Course Disciplines:	Fashion, Related Technologies
Catalog Description:	This course is designed to acquaint the student with the activities and documentation necessary to mass-produce a garment or accessory item. In a semi-simulated design room environment, students design, produce, and advertise a product. Grading, documents, tech packs, production and promotion principles are emphasized.
Prerequisite:	Fashion-4 AND Fashion-10 AND Fashion-15 AND Fashion-26A with a minimum grade of C in prerequisites
Co-requisite:	
Recommended Preparation:	Fashion 1 AND Fashion 20 AND Mathematics 40
Enrollment Limitation:	
Hours Lecture (per week):	0.5
Hours Laboratory (per week):	1.5
Outside Study Hours:	1
Total Course Hours:	36
Course Units:	1
Grading Method:	Letter Grade only
Credit Status:	Credit, degree applicable
Transfer CSU:	Yes
Effective Date:	4/8/1996
Transfer UC:	Yes

Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	
Other:	
IGETC:	
Term:	
Other:	
Student Learning Outcomes:	<p>SLO #1 Tech Pack</p> <p>After completing coursework, the student will be able to build an industry standard tech pack.</p> <p>SLO #2 Grading Methods</p> <p>After completing coursework, the student will be able to compare and contrast the use of the Dario, computer grading, and grading ruler</p> <p>SLO #3 Distribution Sources</p> <p>After completing coursework, the student will be able to identify sources of retail distribution and explain how to contact them for possible business negotiation.</p>
Course Objectives:	<ol style="list-style-type: none"> 1. Effectively increase or decrease a pattern size for apparel. 2. Distinguish and use correct grading terminology. 3. Develop a Technical Package (Tech Pack) for a clothing item. 4. Design packaging for an apparel item.
Major Topics:	<p>I. APPAREL PRODUCTION TECHNIQUES OVERVIEW (2 hours, Lecture)</p> <ol style="list-style-type: none"> A. Pre-production B. The production process defined resume C. Pattern grading <p>II. PRODUCT DESIGN (5 hours, Lab)</p> <ol style="list-style-type: none"> A. Tee-shirt designing B. Line sheet preparation C. Apparel design transfer <p>III. PRODUCTION MANAGEMENT TEAM (4 hours, Lab)</p> <ol style="list-style-type: none"> A. Timeline management B. Garment costing

	<p>C. Other records</p> <p>IV. PRODUCTION PLANNING AND SCHEDULING (2 hours, Lecture)</p> <p>A. Scheduling tasks B. Pattern grading C. Employment opportunities</p> <p>V. GRADING THE TEE-SHIRT (1.5 hours, Lecture)</p> <p>A. How the body grows B. Grading the tee-shirt C. Checking grading for accuracy</p> <p>VI. BASIC TEE-SHIRT GRADING (8 hours, Lab)</p> <p>A. Grade the tee-shirt B. List grade rules on a chart C. Complete specification sheet</p> <p>VII. APPAREL SOURCING AND GARMENT ASSEMBLY (7 hours, Lab)</p> <p>A. Origins of fabric and notions B. Writing purchase orders C. Analyzing sewing sequence</p> <p>VIII. GARMENT PACKAGING AND DISTRIBUTION (1.5 hours, Lecture)</p> <p>A. Purpose of packaging B. Packaging materials C. Distribution channels</p> <p>IX. TECH PACKS (2 hours, Lecture)</p> <p>A. Tech Pack documentation B. Tech Pack distribution C. Using Excel to build tech packs</p> <p>X. CLOTHING LINE PRESENTATION (3 hours, Lab)</p> <p>A. Mock "writing orders" exercise B. Quality control C. Presenting and selling your line</p>
Total Lecture Hours:	9
Total Laboratory Hours:	27
Total Hours:	36

Primary Method of Evaluation:	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	Prepare a tech pack for an accessory or garment item. Provide the documents necessary to facilitate production. Submit a 7-page document to the instructor
Critical Thinking Assignment 1:	In a one-to-two page typed report, explain the necessary steps to prepare a garment style for production. Submit report to the instructor.
Critical Thinking Assignment 2:	For one of the styles on your line sheet, prepare a spreadsheet showing 3 options for packaging. Justify options in terms of cost, creativity and labor. Submit spreadsheet to the instructor.
Other Evaluation Methods:	Homework Problems Laboratory Report Written Homework
Instructional Methods:	Demonstration Lab Lecture Role play/simulation
If other:	
Work Outside of Class:	Problem solving activity Skill practice
If Other:	
Up-To-Date Representative Textbooks:	Paula J. Myers-McDevitt. Apparel Production Management and the Tecnical Package. First ed. Fairchild Books, 2010. DISCIPLINE STANDARD
Alternative Textbooks:	
Required Supplementary Readings:	
Other Required Materials:	Patternmaking supplies Tech Pack Excel files
Requisite:	Prerequisite
Category:	sequential
Requisite course(s): List both prerequisites and corequisites in this box.	Fashion-4 Fashion-10 Fashion-15 Fashion-26A
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	Understand how to use standard graphic software. FASH 4 - Revise fashion illustrations created on Adobe Photoshop or Adobe Illustrator. Understand basic clothing construction.

	<p>FASH 10 - Use commercial and/or industry patterns to construct technique samples demonstrated in the textbook and in lecture/demonstrations and to conduct basic pattern alterations.</p> <p>Ability to sketch a fashion illustration.</p> <p>FASH 15 - Illustrate accurately a fleshed in robot structure of a female, male and child.</p> <p>Ability to produce a flat pattern dart manipulation by spread/slash and pivot method.</p> <p>FASH 26A - Utilize slash, spread and dart pivot techniques to draft patterns for blouses, dresses, halter tops, skirts and slacks.</p> <p>FASH 26A - Draft patterns from given fashion sketches or photographs.</p>
Requisite Skill:	
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	
Requisite course:	<p>Fashion-1</p> <p>Fashion-20</p> <p>Mathematics-40</p>
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	<p>Understand various fashion career opportunities.</p> <p>FASH 1 - Choose and research possible entry level positions in the apparel industry within a variety of industry categories.</p> <p>Understand basic textiles concepts.</p> <p>FASH 20 - Distinguish between natural and synthetic fibers.</p> <p>FASH 20 - Distinguish between fabric construction methods.</p> <p>FASH 20 - Communicate effectively in textile industry-specific terminology.</p> <p>Understand how to perform a basic algebraic formula.</p> <p>MATH 40 - Use the properties of the real numbers to evaluate, simplify, and factor algebraic expressions, including expressions with fractions and radicals.</p>
Requisite Skill:	
Requisite Skill and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s). If applicable	
Enrollment Limitations and Category:	

Enrollment Limitations Impact:	
Course Created by:	Chris Moran-Wisdom
Date:	10/29/2014
Original Board Approval Date:	04/08/1996
Last Reviewed and/or Revised by:	Vera Bruce
Date:	12/07/2021
Last Board Approval Date:	04/18/2022