140 Clothing and Textiles - Fashion Design

Definition
The clothing area addresses the personal and professional requirements of individuals seeking to improve their knowledge of clothing selection and construction techniques.

Staff
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Program Description
The Clothing and Textiles-Fashion Design program provides professional information within the context of a humanistic perspective which considers the psychological, sociological, emotional, and physical needs of individuals. The program is designed to meet the minimum entry level qualifications for clothing occupations.

Students must receive a minimum grade of “C” or better in all required core courses and the specific courses listed as program electives in order to qualify for the degree or certificate.

Distinctive Features
Students may take field trips to the garment district and fabric outlets to learn current trade practices. Students utilize current resources, equipment, and technologies.

Career Options
Alteration Shops
Apparel Manufacturing
Clothing Construction Businesses
Costume and Wardrobe Attendants
Educational Institutions
Retail Stores
Tailor Shops

Program Learning Outcomes
1. Analyze and evaluate all aspects of the apparel design and construction industry related to safe work environment, through proper use of tools, equipment, and machinery.

2. Choose appropriate fabric, appropriate pattern making principles, and notions for construction, fit, and finishing of garments that meet industry standards.

3. Analyze and choose garment construction techniques (ranging from basic to complex), apply alteration principles, and revise proper fit for various body types while measuring industry tolerances.

4. Analyze and evaluate commercial engineering practices such as product cost, textile technologies, and industrial methods of production design and construction.

5. Examine and create original designs utilizing fashion design principles and elements, while evaluating the appropriateness of the design as related to consumer group, clientele, specific function, psychological aspects, and marketability.

Certificate Program
Fashion Design
The Fashion Design certificate will establish and develop an individual’s skills and techniques, from basic to complex, in apparel design and construction, fashion styling, fine tailoring and alterations, as well as marketing and branding. Graduates will be qualified candidates for employment opportunities within the apparel and fashion design, technical design, alterations, costuming, online marketing and retail, and custom tailoring and dressmaking. Through progressive and relevant curriculum utilizing effective machines and equipment, the student of the Fashion Design program will develop and advance their skills and potential employment opportunities and possible individual career advancements.

The Fashion Design certificate is designed to meet the entry level qualifications for fashion occupations. The requirements for a certificate in Fashion Design are satisfied completing 32.5 units.

Required Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT 100, Introduction to Fashion</td>
<td>3</td>
</tr>
<tr>
<td>CT 102, Textiles</td>
<td>3</td>
</tr>
<tr>
<td>CT 105, Principles of Sewing</td>
<td>3</td>
</tr>
<tr>
<td>CT 110, Fundamentals of Clothing Construction</td>
<td>3</td>
</tr>
<tr>
<td>CT 114, Principles of Clothing Selection</td>
<td>3</td>
</tr>
<tr>
<td>CT 130, Intro. to Pattern Making-Flat Pattern Design</td>
<td>3.5</td>
</tr>
<tr>
<td>CT 200, Tailoring Techniques-Alterations and Fit</td>
<td>3.5</td>
</tr>
<tr>
<td>CT 220, Advanced Pattern Making-Flat Pattern</td>
<td>3.5</td>
</tr>
<tr>
<td>CT 241, Advanced Construction-Fashion Sewing</td>
<td>3.5</td>
</tr>
<tr>
<td>CT 243, Draping for Fashion Design</td>
<td>3.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>32.5</strong></td>
</tr>
</tbody>
</table>

For a recommended plan of study for the certificate, please refer to the Associate Degree plan minus the general education requirements.

NOTE: Substitutions, with prior permission, may be made for certain courses that may not be offered in the two-year period.
Clothing and Textiles - Fashion Design

Associate Degree

Fashion Design
The requirements for an associate degree in Fashion Design may be satisfied by completing 32.5 units of required courses, 21 units of general education requirements, and sufficient elective credits to total 60 units. (See Graduation/Associate Degree Requirements.)

Students who complete the associate degree have enhanced employability in the fields of fashion design, costuming, wardrobe styling, and entry-level technical design. The diverse fashion retail and entertainment industry supports the largest number of employees and contributes significantly to the economy of the region. Additionally, graduates may also seek employment in self owned businesses as custom dressmakers/tailors and alterations specialists. Online marketing, blogging, and retailing repurposed fashion has grown exponentially within the fashion industry, and the associate degree will assist students with the skills and techniques required for this entrepreneurial field. The associate degree will also provide students with a broad range of knowledge with which to evaluate and appreciate the interior environment, the culture, and the society in which they live and with the ability to think and communicate clearly and effectively.

Except in cases of a prerequisite requirement, it is not required to take courses in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

<table>
<thead>
<tr>
<th>Semester</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td></td>
</tr>
<tr>
<td>CT 100, Introduction to Fashion</td>
<td>3</td>
</tr>
<tr>
<td>CT 102, Textiles</td>
<td>3</td>
</tr>
<tr>
<td>CT 105, Principles of Sewing</td>
<td>3</td>
</tr>
<tr>
<td>Course from GE requirement Area A</td>
<td>3</td>
</tr>
<tr>
<td>Course from GE requirement Area B</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
<tr>
<td>Second Semester</td>
<td></td>
</tr>
<tr>
<td>CT 110, Fundamentals of Clothing Construction</td>
<td>3</td>
</tr>
<tr>
<td>CT 114, Principles of Clothing Selection</td>
<td>3</td>
</tr>
<tr>
<td>Course from GE requirement Area C</td>
<td>3</td>
</tr>
<tr>
<td>Course from GE requirement Area D1</td>
<td>3</td>
</tr>
<tr>
<td>Course from GE requirement Area D2</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
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<tr>
<td>Third Semester</td>
<td></td>
</tr>
<tr>
<td>CT 130, Intro. to Pattern Making-Flat Pattern Design</td>
<td>3.5</td>
</tr>
<tr>
<td>CT 200, Tailoring Techniques-Alterations and Fit</td>
<td>3.5</td>
</tr>
<tr>
<td>Course from GE requirement Area E</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
<tr>
<td>Fourth Semester</td>
<td></td>
</tr>
<tr>
<td>CT 220, Advanced Pattern Making-Flat Pattern</td>
<td>3.5</td>
</tr>
<tr>
<td>CT 241, Advanced Construction-Fashion Sewing</td>
<td>3.5</td>
</tr>
</tbody>
</table>

Clothing and Textiles courses can be included in the major requirements for the associate degree in Family and Consumer Education. (Please see Family and Consumer Education Program).

Transfer
Students planning to continue studies at a four-year college or university after AVC should visit the Transfer Resource Center and consult with a counselor as soon as possible. Additional information on official transfer articulation agreements from AVC to many CSU/UC campuses can be found at the following Web site: www.assist.org

Prerequisite Completion
If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade in order to enroll in the next course. According to Title 5, Section 55200(d), a satisfactory grade is a grade of “A,” “B,” “C” or “P”. Classes in which the Pass/No Pass option is available are indicated with an asterisk (*) before the course title. See “Pass/No Pass Option” in the catalog for full explanation.

Clothing and Textiles Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT 243, Draping for Fashion Design</td>
<td>3.5</td>
</tr>
<tr>
<td>Course from GE requirement Area F</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>1.5</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
<tr>
<td>Degree Total</td>
<td>60</td>
</tr>
</tbody>
</table>

Clothing and Textiles courses can be included in the major requirements for the associate degree in Family and Consumer Education. (Please see Family and Consumer Education Program).

CT 100  *INTRODUCTION TO FASHION
3 units
3 hours weekly
Advisory: Eligibility for College Level Reading, ENGL 101 and MATH 070.
Study of creation, production, marketing, and merchandising of fashion and fabric. Emphasis placed on consumer influences, acceptance, and forecasting of fashion as they relate to manufacturing and merchandising product lines. History of fashion evolution along with international and domestic design centers are included. Overview of textile products, trims, development, and marketing will also be covered. Introduction to promotion and advertising of retail fashion along with an overview of employment opportunities in all areas of fashion and textile industry will be included. (CSU, AVC)

CT 102  *TEXTILES
3 units
3 hours weekly
Advisory: Eligibility for College Level Reading, ENGL 101 and MATH 070.
The study of the characteristics of plant, animal, and synthetic fibers and their use in fabrics. The course includes information
for the student concerning textile weaves and finishes, and the selection and care of fabrics for garments and household use. General textile testing procedures are demonstrated to emphasize or recommend the durability of the textile product for end use. This course is suggested for prospective home sewers, family and consumer science majors, and those interested in the interior designing and/or clothing industries. (CSU, UC, AVC)

CT 105 *PRINCIPLES OF SEWING  
3 units  
5 hours weekly  
(2 hours lecture, 3 hours lab)  
**Advisory:** Eligibility for ENGL 100A, READ 095 and MATH 065.

Entry level course for students to be introduced to and develop hand and machine sewing techniques, tools, sewing, and pressing equipment selection and use, measuring fundamentals, and commercial pattern selection and use. Students will study common safety in the classroom, as well as sewing machine parts, care, maintenance, and storage. Students learn basic sewing techniques by constructing a notebook of samples, basic cotton or cotton blends garments (from commercial patterns), and a tote bag project (from commercial patterns) to demonstrate techniques covered in class. Each project will further develop the student’s skills required for clothing construction courses, home sewing, alterations, or or refreshing the avid hobbyist. Students will learn on AVC sewing equipment while providing their tools to complete projects on time. (CSU, AVC)

CT 110 *FUNDAMENTALS OF CLOTHING CONSTRUCTION  
3 units  
5 hours weekly  
(2 hours lecture, 3 hours lab)  
**Prerequisite:** Completion of CT 105.  
**Advisory:** Eligibility for ENGL 100A, READ 095 and MATH 065.

In this college level apparel construction class, students will develop skills of fabric/notion/pattern selection, accurate measuring techniques, basic commercial pattern adjustments, and ability to prepare fabrications and garment for construction. Students will develop the skilled use of a variety of sewing machines, pressing equipment, and evaluate tool safety procedures and use. Students will construct a dress shirt or blouse, a pair of slacks or skirt, and a basic lined jacket or vest which will include developed construction skills, utilizing commercial patterns, cotton or blended “non-fancy” fabrics (or those fabrics intended for advanced courses), with alterations and fit principles applied. With the emphasis on commercial patterns, fitting methods, and construction techniques, an introduction to industrial methods of technical design will be included in this course. Although the garments will demonstrate the construction techniques, a notebook of additional demonstrated samples, or those not produced in garments, will be completed and evaluated as well. (CSU, AVC)

CT 114 *PRINCIPLES OF CLOTHING SELECTION  
3 units  
3 hours weekly  
**Advisory:** Eligibility for ENGL 100A, READ 099 and MATH 070.

The social-psychological aspects of clothing selection will be introduced in this course. Emphasis is placed on the study of design, line and color as they relate to personal appearance and dressing for the job. Fashion vocabulary, recognition and description of styles, fashion cycles and trends are included. An overview and introduction to employment opportunities, job interviewing and resume preparation will also be covered. Fashion stylist concepts will be introduced and developed through interpersonal communication skills. Students will plan and participate in the annual fashion show. (CSU, AVC)

CT 130 *INTRODUCTION TO PATTERN MAKING-FLAT PATTERN DESIGN  
3.5 units  
4.5 hours weekly  
(3 hours lecture, 1.5 hours lab)  
**Prerequisite:** Completion of CT 110.  
**Advisory:** Completion of MATH 105, Eligibility for College Level Reading and ENGL 101.

Design, plan, and create individualized paper patterns through the flat pattern process. Experiment with both pattern manipulation as well as pattern drafting to create individual design patterns for garment construction. Correct fitting techniques and basic construction of muslin sloper will result in a fitted personal pattern by which all designs and styles can be applied and drafted. Multiple methods of pattern manipulation and pattern drafting will be covered as well as pattern making techniques for specified fabrications and sizing requirements. Students will further develop skills in industrial methods of technical design. (CSU, AVC)

CT 199 *OCCUPATIONAL WORK EXPERIENCE  
1–8 units  
hours vary  
**Prerequisite:** To participate in work experience, students must have a job or internship which is either paid or voluntary and have the approval of the supervisor and instructor supervising work experience in the specific subject area. PRIOR TO ENROLLING, students must attend a scheduled orientation or meet individually with the supervising instructor for an individual orientation.

Occupational Work Experience Education is supervised employment designed to provide students a realistic learning experience through work. The ultimate goal is to teach students those skills and attitudes that will equip them to function and adapt as an employee in a variety of situations and jobs. Occupational Work Experience Education is supervised employment extending classroom-based occupational learning at
an on-the-job learning station related to the students’ educational major or occupational goal. Credit may be accrued at the rate of one to eight units per semester. For the satisfactory completion of all types of Cooperative Work Experience Education (WE 197 and WE 199), students may earn up to a total of sixteen semester credit hours. (AVC) (R3)

**CT 200  *TAILORING TECHNIQUES - ALTERATIONS AND FIT***
3.5 units
4.5 hours weekly
(3 hours lecture, 1.5 hours lab)
**Prerequisite:** Completion of CT 110.
**Advisory:** Eligibility for College Level Reading, ENGL 101 and MATH 105.

Advanced clothing course involving the fit, alteration, and construction techniques used in both speed and traditional tailoring. Advanced fabrication as well as construction techniques will be developed while constructing a fitted suit jacket, coat, or complete ensemble. Deconstruction and fitting techniques will be applied to alter a commercial garment for a well-fitted, reconstructed, tailored piece. Business skills and pricing variables will be applied while working with clients. Emphasis will be placed on fit, pattern adjustment, construction techniques as well as alteration principles. (CSU, AVC)

**CT 220  *ADVANCED PATTERN MAKING - FLAT PATTERN DESIGN***
3.5 units
4.5 hours weekly
(3 hours lecture, 1.5 hours lab)
**Prerequisite:** Completion of CT 130.
**Advisory:** Completion of MATH 105, and Eligibility for College Level Reading, ENGL 101.

An advanced pattern making course that examines and selects flat pattern methods as applied for individual designs. Experiment with both pattern manipulation and pattern drafting to create an individual fashion garment, from concept to completion. Fashion and apparel industry techniques will advance students to pattern design for apparel production. Plan, develop, and produce apparel manufacturing technical packages including; garment costing, pattern grading and size measurements, cost marker making, production marker making, and industry sourcing. Computer aided design (CAD) for pattern and apparel manufacturing will be examined and assessed for pattern digitized input and manipulation, pattern design and alterations, pattern measurements and grading, and technical design. Examine industrial methods of apparel construction while assembling production ready patterns. This course engages students to advance their pattern making techniques, skills, and promotes a comprehensive understanding of pattern making, flat pattern design, and the apparel industry and increases possible employability within the fashion industry. (CSU, AVC)

**CT 241  *ADVANCED CONSTRUCTION - FASHION SEWING***
3.5 units
4.5 hours weekly
(3 hours lecture, 1.5 hours lab)
**Prerequisite:** Completion of CT 130.
**Advisory:** Concurrent enrollment in CT 243, and Eligibility for College Level Reading, ENGL 101 and MATH 105.

Advanced clothing construction course involving the techniques used in fashion sewing. Examine highly detailed techniques used to create couture, tailored, and custom garments. Demonstrate proficiency with handling special and difficult fabrics, individual designed or draped patterns, and advanced commercial patterns. Features fine quality construction, fit, and styling details. Emphasis will be placed on advanced couture sewing techniques, fit, application of specialty fabrications, application of acceptable fine embellishments, and interior finishing details. Industry methods will be applied as well as critiqued in each garment. (CSU, AVC)

**CT 243  *DRAPING FOR FASHION DESIGN***
3.5 units
4.5 hours weekly
(3 hours lecture, 1.5 hours lab)
**Prerequisite:** Completion of CT 130.
**Advisory:** Concurrent enrollment in CT 241, Eligibility for College Level Reading, ENGL 101 and MATH 105.

Advanced clothing course applying pattern making concepts while experimenting with draping techniques. Custom patterns of various designs will be created by preparing the pattern through fabric. Draping of custom patterns in muslin on dress forms or live models will be made for numerous design samples. Some are cut in intended fabric and constructed. Selection of method for construction of personal dress form will be demonstrated. Students will create and assemble a personal fashion design portfolio, including a varied selection of sketches, designs, photos, and materials form previous Clothing and Textiles-Fashion Design program courses. (CSU, AVC)