## Fashion

## Overview

The Applied Apparel Studies program is designed to provide a program of study for the student interested in pursuing a career in fashion as a cutter-draper, tailor, pattern drafter, alterationist, or fiber artist in fashion studios or costume work rooms. Selected courses provide students with lifelong learning knowledge and consumer skills. California's apparel industry is a major success story. It is an important, but often overlooked, contributor to the state's economy. San Francisco and Los Angeles are the largest centers for apparel manufacturing outside of New York City. One of the largest apparel wholesale markets in the world is the California Mart in Los Angeles. California apparel jobs have steadily grown with the success of the industry. Jobs increased in the 2010's, a time when the rest of the U.S. lost apparel jobs, and have
 management of off-shore production. Emerging careers in this high growth industry will require state of the art high-tech training.

## Career Options and Salaries






## Entry to mid-level

- Buyer: $\$ 70,000$
- Creative Director: $\$ 105,000$
- Fashion Designer: $\$ 66,000$
- Fashion Stylist: \$52,000


## Schedule an Appointment with Career Education

The Career Education (/academics/career-education) Transitions Coordinator and Career Education Counselor are available to assist with:

- questions
- program exploration
- college applications
- educational planning

Schedule an Appointment (HTTPS://ESARS.SCC.LOSRIOS.EDU/ESARS/CE/ESARS.ASP)

## Program Maps

## A.A./A.S. Degrees

Applied Apparel Studies A.A. Degree Map (/academics/programs-and-majors/applied-apparel-studies-aa-degree-map)

## Certificates

Applied Apparel Studies Construction Certificate Map (/academics/programs-and-majors/applied-apparel-studies-construction-certificate-map)

## Dean

Paul Estabrook (/about-us/contact-us/employee-directory/employee?id=0799886\&xid=)
Department Chair
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## A.A. in Applied Apparel Studies

The Applied Apparel Studies program is designed to provide a program of study for the student interested in pursuing a career in fashion as a cutter-draper, tailor, pattern drafter, alterationist, or fiber artist in fashion studios or costume work rooms. Selected courses provide students with lifelong learning knowledge and consumer skills.

California's apparel industry is a major success story. It is an important, but often overlooked, contributor to the state's economy. San Francisco and Los Angeles are the largest centers for apparel manufacturing outside of New York City. One of the largest apparel wholesale markets in the world is the California Mart in Los Angeles.

California apparel jobs have steadily grown with the success of the industry. Jobs increased in the 2010 's, a time when the rest of the U.S. lost apparel jobs, and have steadily grown in numbers. This is because the high-end tasks, such as computer aided design and pattern making, size grading, and color setting, are performed in the U.S. as well as the planning and management of off-shore production.

Emerging careers in this high growth industry will require state of the art high-tech training.

Catalog Date: August 1, 2024

## Degree Requirements

| COURSE CODE | COURSE TITLE | UNITS |
| :---: | :---: | :---: |
| FASHN 301 | Apparel Construction, Quilting and Fabric Manipulation | 3 |
| FASHN 310 | Fashion Analysis/Clothing Selection | 3 |
| FASHN 312 | Fashion for Film, Television, Stage and Illustration | 3 |
| FASHN 320 | Textiles | 3 |
| FASHN 330 | History of Western World Fashion | 3 |
| FASHN 335 | Historic Costuming and Embellishments | 3 |
| FASHN 351 | Applied Apparel Studies / Intermediate Principles of Construction | 3 |
| FASHN 352 | Couture Construction, Draping and Corsets | 3 |
| FASHN 355 | Applications in Tailoring and Pants | 3 |
| FASHN 364 | Flat Pattern Drafting | 3 |
| FASHN 368 | Stretch Wear | 3 |
| FASHN 390 | Alteration Shop | 3 |
| FASHN 394 | Apparel Entrepreneur | 3 |
| Total Units: |  | 39 |

 graduation requirements.

## Student Learning Outcomes

## Upon completion of this program, the student will be able to:

- draw the clothed figure, rendering the sketch in different styles, poses, and fabrications on developed croquis in different media, emphasizing presentation techniques.
- assemble apparel products, applying techniques that meet the standards of quality construction for sewn products.
- integrate proper use, care, and maintenance of sewing machinery, equipment, and notions.
- apply pattern and fabric selection to appropriate designs that develop required sewing skills.

- manipulate pattern blocks and develop style changes with the flat pattern method of designing first patterns from a designer's trade sketch for targeted customers.
- use garment industry terminology and procedures for the process of marker making, multiple layer lay up, and use of industrial cutting equipment.
- construct devices to apply the evaluation of fit problems and the ability to solve figure differences in the garment through fitting skills.
- manipulate fabrics on a dress form to create designs without the use of drafted patterns using a variety of fabrics and design concepts.

- analyze and identify textile fibers, yarns, fabrications, dyestuffs, and finishes, and how they relate to performance and serviceability of materials.

- use microcomputers and Computer Aided Design (CAD) software for the apparel design processes used by manufacturers.
- develop basic patterns and sloper blocks utilizing standard and custom body measurements.
- demonstrate personal management skills such as planning, time management, and the ability to work cooperatively with others.


## Career Information

## Certificate of Achievement

## Applied Apparel Studies Construction Certificate

This certificate consists of four core Applied Apparel Studies courses. Textiles gives students an overview of appropriate fabrics to use for different applications. Premier Level Construction builds upon basic skills and adds fit, alteration, and construction of apparel. Intermediate Construction continues the understanding of fit, fabric selection, and detailed seaming techniques. Advanced Couture Construction lifts the skill level to an advanced placement. These four courses provides students the tools needed for entry-level jobs in multiple subject areas.

## Catalog Date: August 1, 2024

## Certificate Requirements

| COURSE CODE | COURSE TITLE |  |
| :--- | :--- | :--- |
| UNITS |  |  |
| FASHN 301 | Apparel Construction, Quilting and Fabric Manipulation | 3 |
| FASHN 320 | Textiles | 3 |
| FASHN 351 | Applied Apparel Studies / Intermediate Principles of Construction |  |
| FASHN 352 | Couture Construction, Draping and Corsets |  |
| FASHN 355 | Applications in Tailoring and Pants | 3 |
| FASHN 364 | Flat Pattern Drafting | 3 |
| FASHN 368 | Stretch Wear | 3 |
| Total Units: |  | 3 |

## Student Learning Outcomes

Upon completion of this program, the student will be able to:

- identify names and characteristics of various fibers and weaves.
- choose appropriate fabrics for different project applications.
- layout, cut, fit, and build garments from commercial patterns.
- analyze, assess, and alter commercial patterns.


## Career Information

## Fashion (FASHN) Courses

## FASHN 299 Experimental Offering in Fashion

| Units: | $0.5-4$ |
| :--- | :--- |
| Prerequisite: | None. |
| Catalog Date: | August 1, 2024 |

This is the experimental courses description.

## FASHN 301 Apparel Construction, Quilting and Fabric Manipulation

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU |
| General Education: | AA/AS Area III(b) |
| Catalog Date: | August 1,2024 |

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## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- analyze and select patterns, notions, and shaping materials.
- analyze body measurements to determine pattern size and compare to pattern measurements to do simple adjustments to a pattern.
- demonstrate layout, cutting, and marking techniques for construction.
- demonstrate pressing techniques based on fabric type and garment design.
- explain construction techniques that result in professionally appearing and appropriately fitting apparel or sewn products.
- demonstrate basic maintenance on sewing equipment.
- use a $1 / 8$ " grid ruler to draft a paper pattern for a project.
- calculate yardage amounts to purchase fabric for simple projects.
- appraise appropriate fabrics for projects, study theories and concepts of garments and interior use projects, learn pleats, tucks and facings.
- assess personal body proportions in order to choose appropriate patterns.
- define parts of a sewing machine.
- understand and demonstrate construction techniques to include quilting and fabric manipulation.


## FASHN 310 Fashion Analysis/Clothing Selection

| Units: | 3 |
| :--- | :--- |
| Hours: | 54 hours LEC |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This is an introduction to the socio-psychological aspects of clothing within the U.S. culture. Clothing behaviors, as viewed through economic and political influences on fashion, fashion terminology, and past and present fashion cycles, are contrasted with other contemporary cultures around the world. Essential theories of color perception and applied problems dealing with color interaction, line, design, and texture will be presented. Analysis of wardrobe planning, buying ready-to-wear, and care and maintenance of family clothing are included.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- recognize factors affecting clothing choices and psychological needs.
- identify clothing selection behaviors within contemporary western culture and contrast them with past and other contemporary cultures.
- apply line, design, texture, and color selection principles in an individual personal analysis.
- develop a wardrobe plan that meets their respective day-to-day needs and builds confidence and acceptance.
- apply techniques of good budgeting, informed buying, and care and maintenance of family clothing.


## FASHN 312 Fashion for Film, Television, Stage and Illustration

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course exposes the student to the procedures for research, understanding, and creation of fashions for film, television, stage and illustration of both costume and fashion design. This course is based on theory and practicum. Students will create a sketchbook based on three areas of fashion and costume needs. Students will read a script for a film and research time periods, textiles, and styles to include in sketches of their design concepts. Students will examine budgets, organization, and production breakdowns for a television show. Students will also read a script for a theatre production and research the period and design concepts to include in a character study of the correct costume designs. The cost per student to participate will be approximately $\$ 35-\$ 50$.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- research time periods for historically correct productions.
- choose textiles that are appropriate to specific styles of garments for film, television, and stage.
- utilize sketching techniques using a variety of mediums.
- understand the breakdown of a script for fashion and costume needs.
- organize, arrange, and understand production schedules.

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU; UC |
| Catalog Date: | August 1,2024 |

This is a consumer-oriented introduction to textiles that includes study of the characteristics of fibers, yarns, and fabric construction, including weaves and fabric finishes. Information will be presented related to consumer satisfaction in selecting and caring for fabrics, apparel, furnishing, and other textile products in daily use. One field trip will be taken.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- identify names and characteristics of various kinds of fibers and how they relate to the finished fabric
- assess the methods of fabrication such as weaving and knitting and the characteristics of each in relation to their use in textile items.
- analyze the qualities necessary for best performance and serviceability of household items and wearing apparel.
- judge the proper care of a given list of fabrics.
- cite legislation that applies to textile labeling and consumer protection.
- deduce the fiber content of unidentified fibers through various lab tests and use of an ocular.
- construct models of various types of weaves and knits.


## FASHN 330 History of Western World Fashion

| Units: | 3 |
| :--- | :--- |
| Hours: | 54 hours LEC |
| Prerequisite: | None. |
| Transferable: | CSU; UC |
| General Education: | AA/AS Area I; CSU Area C1; CSU Area C2; IGETC Area 3B |
| Catalog Date: | August 1, 2024 |


 development. One field trip is required.

## Student Learning Outcomes

## Upon completion of this course, the student will be able to:

- identify periods in history that define specific historic styles of fashion.
- evaluate apparel design details and explain their origins in historic costumes.
- assess the evolution of a garment from one period to another.
- examine how politics, economy, technology, and art affected clothing for a specific period.
- dramatize how clothing communicates values displayed by the individual.
- demonstrate an understanding of cross cultural influences on major fashion trends.
- analyze how fashion has been influenced by major world historical events.
- compare the cultural expression of fashion as it applies to different times and events throughout history.
- compare and contrast historical dress design to contemporary dress.
- demonstrate an understanding of the evolution of technology and natural resources as applied to fashion.
- identify fashion and style features of selected historical periods of the western world from the time of the Egyptians to the present.
- analyze the influences of world trade and the global economy on contemporary western world fashion.
- contrast and compare the contributions of Ancient Rome, Egypt, Far East, and Southeast Asia to the development of western world fashion.
- understand the influence of trade between Native Americans and European settlers on fashion of the era.
- discuss the differences of influence from China, Southeast Asia, and European cultural groups during Vietnam War era.


## FASHN 335 Historic Costuming and Embellishments

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | None. |
| Advisory: | FASHN 301 with a grade of "C" or better |
| Transferable: | CSU; UC |
| Catalog Date: | August 1,2024 |

## Student Learning Outcomes

## Upon completion of this course, the student will be able to:

- compare garments in various time periods.
- select specific fabrics, trims, and accessories to successfully reproduce a period garment.
- integrate techniques required to design and develop a period costume, using embellishments from different time periods.
- demonstrate construction techniques in building costumes using $1 / 2$-scale and full-scale models.
- discuss the effect of the political, social, and economic influences for each time period.
- evaluate an authentic period garment; discuss adaptations for the garment's transition to successful stage use.
- evaluate historic costume literature and resources for accuracy of historic costume presentations.


## FASHN 351 Applied Apparel Studies / Intermediate Principles of Construction

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | FASHN 301 with a grade of "C" or better |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course presents intermediate apparel construction techniques, such as working with more complex pattern adjustments, patterns, notions, and fabrics. Comprehensive custom sewing techniques for men, women, and children will be applied to four student-made garments. The course will instruct the students on the care and working knowledge of an industrial sewing machine.

One field trip is required. The cost of materials is $\$ 70-\$ 100$.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- operate and care for home and industrial sewing machines and sergers.
- select more challenging fabrics of suitable quality for type, style, design, and use on intermediate level garments.
- explain consumer responsibility in the purchase and care of fabrics.
- demonstrate a working knowledge of the principles of good fit and simple alterations to achieve good fit.
- discuss sewing as an art form in which creative expression may be realized to develop the student's personal style.
- demonstrate a variety of intermediate level of sewing construction skills.
- analyze, evaluate, and use critical thinking skills to choose the best sewing techniques to be used for a combination of styles for a unique body structure, pattern, fabric, notions, machine and accessories, assembly, and wearability.


## FASHN 352 Couture Construction, Draping and Corsets

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | FASHN $301,320,351$, and 364 with grades of "C" or better; or equivalent |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course covers apparel construction techniques applied to several challenging designs, which will be student-made using unusual and difficult fabrics. Couture construction techniques with applied details and finishes, usually found on more expensive garments, will be explored. The course will include draping techniques and corset construction. The course will continue the instruction of the use and care of industrial sewing machines. One field trip is required. The cost of materials is $\$ 70-\$ 100$.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- define, evaluate, and practice advanced construction problems.
- assess, select, and apply creative expression in apparel construction.
- apply construction principles to a variety of clothing construction challenges and build samples using advanced seams.
- demonstrate couture methods and their place in contemporary garment construction.
- identify, explain, and practice new construction techniques and their applications.
- demonstrate the ability to choose appropriate patterns for specific advanced and complex fabrics.
- use, care, and working knowledge of industrial sewing machines.
- drape basic and couture blocks.
- construct corsets.


## FASHN 355 Applications in Tailoring and Pants

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | FASHN 320, 351 , and 364 with grades of "C" or better; or equivalent |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course is designed for the advanced clothing construction student who wishes to increase knowledge and proficiency in the many aspects of traditional and contemporary tailoring and construction of pants. Instruction will include custom fitting, equipment, and garment components selection and steps in the very fine handwork details and techniques of traditional tailoring for men's or women's suits, coats and pants. The course will also include speed construction techniques. One field trip may be required. The cost of materials is $\$ 40-\$ 125$.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate competency in evaluating, selecting, and using suit, coat, and pants patterns that feature good design and can accommodate traditional tailoring construction techniques.
- demonstrate competency in the selection of fashion fabric, interfacing, underlining and lining fabrics, and notions applicable to the fine handwork skills of traditional tailoring.
- select and use traditional tailoring equipment
- apply skills in making tailored garments using traditional tailoring methods.
- recognize the fine workmanship in custom traditionally tailored garments as compared to ready-to-wear tailored garments.
- apply skills in speed efficiency of contemporary tailoring.


## FASHN 364 Flat Pattern Drafting

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

Students will study the skills needed to construct garments. Details will include measurements, pattern drafting, slopers, and blocks. In-depth treatments of pattern making will cover casual to tailored apparel in a modern mode. Students will complete a notebook. The cost of materials for this course is $\$ 35$ - $\$ 85$

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- select patterns and shaping materials suitable for casual and tailored wear
- analyze body measurements specific to men's and women's wear.
- draft slopers for shirts, blouses, skirts, pants, and vests
- execute a well-fitting block for the creation of garments
- demonstrate pattern-drafting skills to enhance unique design details of specific garments
- understand unique and cultural details of garments as pertains to design elements.


## FASHN 368 Stretch Wear

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | FASHN 301 and 351 with grades of "C" or better |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course covers stretch wear from beginning to advanced sportswear such as skating and athletic wear, lingerie, and couture-construction. Students will explore apparel fashioned in silk jersey utilizing tricky construction techniques for collars, cuffs, and pockets. Fibers, such as viscose and rayon jersey, will be explored. Students will construct garments utilizing industrial sewing and serger machines as well as in class sergers. One field trip is required. A home sewing machine and serger are required for Distance Education. The cost of materials is $\$ 60-\$ 125$

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate silk jersey layouts and seaming techniques.
- construct collars, cuffs, and pockets in jersey fibers
- draft flounces, ruffles, and bias drapes in viscose and rayon jersey.
- analyze appropriate seam constructions for advanced stretch apparel.
- demonstrate threading and maintenance of industrial sewing and serger machines using differently weighted threads.
- utilize proportions of body mass for construction details.


# FASHN 375 Pattern Drafting and Advanced Computer Aided Design 

| Units: | 3 |
| :--- | :--- |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | FASHN 301 and 351 with grades of "C" or better |
| Catalog Date: | August 1,2024 |

This course will include how to draft basic pattern pieces by hand and introduces students to CAD, computer aided design. Everything that will be done by hand will also be done on the computer including: drawing flats (fashion illustrations of garment designs), pattern measuring and adjustments, flat pattern design techniques, "digitizing-in" patterns, grading patterns, layout and marker making, and plotting pattern pieces. This course will include how to draft basic pattern pieces from measurements, create advanced slopers for the torso, basic jacket and knits, and create advanced flat pattern design details. Pattern pieces will be printed on a plotter and constructed into garments.

## Student Learning Outcomes

## Upon completion of this course, the student will be able to:

- distinguish how technology is used in pattern making, grading, marker making, and 3D prototyping.
- demonstrate the knowledge and application of standard pattern principles in the manipulation and development of original patterns using CAD technology.
- create advanced slopers for the torso, jacket and one $t$-shirt from the refined basic sloper.
- select and apply the appropriate tool and function commands in a computer software pattern making program.
- work with Computer Aided Design (CAD) software to draw flats, take pattern measurements, do simple pattern adjustments, do flat pattern design techniques, digitize in pattern pieces, grade patterns, create fabric layouts and markers and plot pattern pieces.
- generate a pattern with a graded nest for industry standard size ranges and a marker for production cutting calculating optimum fabric yield.
- evaluate patterns in 2D and 3D formats to think critically, make decisions, and solve problems.
- demonstrate knowledge of using measurements to draft flat patterns.


## FASHN 390 Alteration Shop

| Units: | 3 |
| :--- | :--- |
| Hours: | 18 hours LEC; 108 hours LAB |
| Prerequisite: | FASHN 351 with a grade of "C" or better |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course focuses on the operation and management of a ready-to-wear garment alterations shop. It includes the study of starting an alterations business, local and government business rules and regulations, workroom supplies and equipment, workflow and scheduling, customer service, advertising and promotions, sales and costing, and performing garment alterations. Field trips may be required.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- evaluate basic types of alteration services and customer needs.
- identify potential target markets for an alteration business.
- design and develop alteration shop image, company profile, merchandising, and pricing strategy.
- prepare, manage, and critique accurate and efficient workflow schedules as well as client inflow, outflow, and quality control.
- generate purchase orders for workroom supplies using inventories, projected alterations, and cost-effective principles.
- apply basic pinning and alterations techniques to ready-to-wear garments.
- use formulas to construct and calculate profit and loss statements for the alterations shop.
- interpret labor laws, tax laws, licensing, and contract requirements as prescribed for small businesses by local and state government.


## FASHN 394 Apparel Entrepreneur

| Units: | 3 |
| :--- | :--- |
| Hours: | 54 hours LEC |
| Prerequisite: | None. |
| Advisory: | BUS 100 with a grade of "C" or better |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course provides essential business strategies for the fashion, costume, interior styling, staging, and production-related fields. Students will explore necessary business practices and practical aspects of setting up and running their own apparel and interior businesses. Topics will include ethical practices, methods of compensation, client budgets, estimating costs, re-sale licenses, billing, marketing, and sales. Students will develop a model business plan to include business cards, advertising, and business identity. One field trip is required.

## Student Learning Outcomes

- formulate a basic business plan as this relates to specific apparel and interior formats.
- explore the set-ups of studio spaces to be able to draft a floor plan of a personal space.
- complete business license applications.
- prepare price lists for services rendered
- calculate financial records for tax purposes.
- understand record keeping strategies.
- organize client records.
- write contracts.
- devise sale presentations.


## FASHN 495 Independent Studies in Fashion

| Units: | $1-3$ |
| :--- | :--- |
| Hours: | $54-162$ hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This course will give students the opportunities to investigate specific topics more directly.

## Student Learning Outcomes

## Upon completion of this course, the student will be able to:

- research a topic in creative and extended research.
- present a comprehensive research study.
- plan, research, construct, and deliver an in-depth analysis on a student chosen topic


## FASHN 499 Experimental Offering in Fashion

| Units: | $0.5-4$ |
| :--- | :--- |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | August 1,2024 |

This is the experimental courses description.

## Faculty

## Arts and Communication

(/academics/meta-majors/arts-and-communication)

This program is part of the Arts and Communication meta major.
Arts and Communication (/ACADEMICS/META-MAJORS/ARTS-AND-COMMUNICATION)


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