

Degree:

A.A. – Applied Apparel Studies Production

Certificate of Achievement:

Applied Apparel Studies Construction

Division of Behavioral and Social Science

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Applied Apparel Studies Production

Associate in Arts Degree

Program Information

The Applied Apparel Studies Production program is designed to provide a program of study for students interested in pursuing a career in Fashion as a cutter/drafter/tailor in fashion studios or costume work rooms, production, and textiles. Selected courses provide students with lifelong learning knowledge and consumer skills. The Applied Apparel Studies Production Associate in Arts Degree provides students with an option for a career or the requisite foundation for transfer to a four-year college or university.

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 grown steadily 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 has steadily grown in numbers. This is because the high-end tasks are performed in the U.S. such as computer aided design and pattern making, size grading, and color setting, 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.

Career Opportunities

Entry-level jobs in this field can be found in apparel production companies, apparel manufacturing plants, designer workrooms, custom sewing workrooms, and theatrical production. This program can also prepare a student for self-employment or entrepreneurship. Examples of careers in Fashion Design and Production include: Assistant Designer, CAD Technician, Computer Digitizer, Costing Engineer, Customer Services, Designer, Design Room Assistant, Fashion Illustrator, Fashion Stylist, First Pattern Maker, Grader, Manufacturer's Sales Representative, Marker Maker, Operation Manager, Piece Goods Buyer, Product Specialist, Production Manager, Production Pattern Maker, Quality Controller, Quick Response Manager, Sales Manager, Sample Maker, Sewing Room Supervisor, Showroom Assistant, Tailor, Textile Colorist, Textile Croquis Painter, Textile Designer, Textile Researcher, Textile Tester, and Trim Buyer.

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 and interior design soft furnishing 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.
- apply layout and cutting techniques, use of industrial machines, professional pressing techniques, quality control and production procedures, and grading, sorting, and labeling of garments.
- 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.
- study and apply the elements and principles of design as related to apparel for individuals in contemporary western fashion as compared to the influence of past fashions and other cultures.
- analyze and identify textile fibers, yarns, fabrications, dyestuffs, and finishes, and how they relate to performance and serviceability of materials.
- survey the evolution of apparel styles through history and explore the relationship of recurring style trends to contemporary fashions including sociological, technological, economic, and political factors.
- 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.

Required Program

	Units
FASHN 310 Fashion Analysis/Clothing Selection	3
FASHN 312 Fashion for Film, Television, & Stage	3
FASHN 320 Textiles	3
FASHN 330 History of Western World Fashion	3
FASHN 340 Apparel & Fashion Illustration	3
FASHN 351 Applied Apparel Studies / Intermediate Principles of Construction	3
FASHN 368 Stretch II	3
FASHN 372 Pattern Making and Design	3
FASHN 373 Pattern Drafting	3
FASHN 377 Draping Couture	3
Total Units Required	30

Suggested Electives

ACCT 101, 301; ART 300, 320, 336; CISC 300; BUS 220; FASHN 352, 355, 373, 394; MGMT 372

Associate in Arts (A.A.) Degree

The Associate in Arts degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See SCC graduation requirements

Applied Apparel Studies Construction

Certificate of Achievement

Program Information

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 provide students the tools needed for entry-level jobs in multiple subject areas.

Career Opportunities

This certificate prepares students for entry level jobs in the apparel industry and costume studios.

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.

Required Program

	Units
FASHN 320 Textiles	3
FASHN 350 Applied Apparel Studies/ Premier Level Construction.....	3
FASHN 351 Applied Apparel Studies/ Intermediate Principles of Construction	3
FASHN 352 Applied Apparel Studies/ Advanced Couture Construction	3

Total Units Required **12**

Certificate of Achievement

The Certificate of Achievement may be obtained by completion of the required program with grade of "C" or better or equivalent.

Fashion (FASHN)

FASHN 299 Experimental Offering in Fashion .5-4 Units

Prerequisite: None
Hours: 54 hours LEC; 36 hours LAB
See Experimental Offering

FASHN 301 Fundamentals of Apparel Construction 3 Units

Prerequisite: None.
Advisory: ENGRD 110 and ENGWR 101; or ESLR 320 and ESLW 320 or ESL 114; and LIBR 318; and MATH 34 with grades of "C" or better.
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB

This course covers the basic techniques for construction of men's, women's, and children's clothing and home accessories. Students will learn about materials and sewing supplies selection, sewing machine operation, and reading pattern instructions. Students will explore theories and concepts of construction of simple garments and interior use projects. Technical construction techniques are included along with the use and understanding of a sew-thru 1/8" grid ruler, tape measure, and yardstick. Students will calculate and recognize measurements for

the purpose of purchasing fabric. This course is designed for the student with little or no previous sewing experience. The cost per student to participate is approximately \$30-\$50. One field trip is required.

FASHN 310 Fashion Analysis/Clothing Selection 3 Units

Prerequisite: None.
Advisory: ENGRD 110 and ENGWR 101; or ESLR 320 and ESLW 320 or ESL 114; and LIBR 318 with grades of "C" or better.
Course Transferable to CSU
Hours: 54 hours LEC

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.

FASHN 312 Fashion for Film, Television, & Stage 3 Units

Prerequisite: None.
Advisory: ENGRD 110 and ENGWR 101; or ESL 114, ESLR 320, and ESLW 320; FASHN 340, LIBR 318, and MATH 34 with grades of "C" or better.
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB

This course exposes the student to the procedures for research, understanding, and creation of fashions for film, television, and stage. 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.

FASHN 320 Textiles 3 Units

Prerequisite: None.
Advisory: ENGRD 110 and ENGWR 101; or ESLR 320 and ESLW 320 or ESL 114; and LIBR 318 with grades of "C" or better.
Course Transferable to UC/CSU
Hours: 36 hours LEC; 54 hours LAB

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.

FASHN 321 Fabric Manipulation 3 Units

Prerequisite: FASHN 301 or 350 with a grade of "C" or better; or equivalent
Course Transferable to CSU
Hours: 36 hours LEC; 54 hours LAB

This course will give the student the opportunity to explore a variety of different surface manipulations of fabrics. Different techniques will be applied to samples for use on garments that students may create in other fashion courses. The different fabric treatments that will be explored are: fabric manipulation, quilting, and applique. Students will choose and purchase their own materials from a list given at the start of class. The cost of materials per student is approximately \$75-\$100.

FASHN 322 Fashion Embellishments 3 Units

Prerequisite: FASHN 301 and 350 with grades of "C" or better
Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course will give the student the opportunity to explore surface embellishments. The techniques learned will be used to create sample blocks to be used on garments in other Apparel Construction Studies courses. Topics that make up embellishments are hand and machine embroidery, closures, beading, felting, fabric painting, and fabric staining and de-coloring. The cost to participate per student is approximately \$40-\$60.

FASHN 330 History of Western World Fashion 3 Units

Prerequisite: None.

Advisory: ENGRD 110 and ENGWR 101; or ESLR 320 and ESLW 320 or ESL 114; and LIBR 318 with grades of "C" or better.

General Education: AA/AS Area I; CSU Area C2

Course Transferable to UC/CSU

Hours: 54 hours LEC

Students will study dress in Western civilization from ancient times through the present. An interdisciplinary approach is used to examine how clothing communicates values displayed by the individual and functions as a reflection of trends in technology, political events, social ideals, and cultural developments in art and music. Emphasis will be placed on the evolution of apparel design and style through historic development. One field trip is required.

FASHN 333 Fashion Textiles & History on the Global Stage 3 Units

Prerequisite: FASHN 320, 330, 350, and 351 with grades of "C" or better

Advisory: ENGRD 110 and ENGWR 101; or ESL 114, ESLR 320, and ESLW 320; and LIBR 318 and MATH 34 with grades of "C" or better.

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course is offered as a study abroad course in World Class Fashion Centers such as: England, France, Italy, China, Japan, and Vietnam. Students will survey the history of fashion and textiles, period garments, and modern couture collections. The focus is to examine the historical expression of fashion, textiles, and style contained in works of renowned museums and couture collections. In England, the course focuses on two museums, The Victoria & Albert and The Bath. London also offers the Hand & Lock Embroidery School that showcases student work on a global scale. In France, the focus will be in Paris to explore couture collections of fashion houses. In Italy, the focus will be the artistic fashion expressions of textiles in the European fashion capitals of Milan and Florence. China, Japan, and Vietnam offer spectacular textiles and the Kyoto Collection of garments. Also, the students will produce notebooks based on their impressions of specific areas of travel. These notebooks will be incorporated into portfolios for use in employment and/or university reviews. The specific itinerary will be determined at travel time. The cost per student to participate in this course will depend on cost of travel at time of bookings.

FASHN 335 Historic Costuming 3 Units

Same As: TA 436

Prerequisite: None.

Advisory: ENGRD 110 and ENGWR 101; or ESLR 320 and ESLW 320; FASHN 340, FASHN 301, LIBR 318, and MATH 34 with grades of "C" or better.

Course Transferable to UC/CSU

Hours: 36 hours LEC; 54 hours LAB

The impact of social, political, cultural, and economic issues on costume is explored from the cradle of civilization through modern times. Specific periods of fashion are researched to design and construct historically correct garments. Students will learn how to apply the principles of modern pattern making to various historical styles and use this knowledge to design and create historical costumes. The unique cut and construction of each historical period is covered, from undergarments to accessories, for each fashion period. Students will learn to create necessary adaptations to these garments for successful stage applications. One field trip is required. Credit may be earned for FASHN 335 or TA 436, but not for both courses. The cost per student to participate is approximately \$35-\$90.

FASHN 340 Apparel & Fashion Illustration 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

In this course, the processes of a fashion designer, costume designer, and cutter /draper are explored. Through research, illustration, and rendering, the understanding of a garment emerges. Students will learn to draw the skeleton, muscles, and skin of the human body as a two-dimensional form. Students will also fine-tune their skills of dressing the form and completing the rendering and illustration in paint, color, and texture. Topics will include fabric interpretation, personal style, fashion design, period and theatrical costumes, technical flats, and tech packs. Students will create a collection of illustrations for use in a professional portfolio. The cost for students to participate will be approximately \$25-\$50.

FASHN 350 Applied Apparel Studies / Premier Level Construction 3 Units

Prerequisite: FASHN 301 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course provides training in fitting garment muslins and making adjustments to paper patterns. The first section of the course will cover samples in seams, hems, zippers, and sleeve applications. The second section of the course will concentrate on the proper use and understanding of serger machines. During the remainder of the course students will produce a garment utilizing samples from the notebook and the serger. This course will introduce the students to the care, maintenance, and working knowledge of an industrial sewing machine. One field trip is required. Students will be advised to purchase sample fabric kits from the SCC College Store, along with other student choices of patterns and materials purchased from local stores. The cost per student to participate will be approximately \$75-\$125.

FASHN 351 Applied Apparel Studies / Intermediate Principles of Construction 3 Units

Prerequisite: FASHN 350 with a grade of "C" or better or equivalent
Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

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 per student is approximately \$70-\$100 for this course.

FASHN 352 Applied Apparel Studies / Advanced Couture Construction 3 Units

Prerequisite: FASHN 351 with a grade of "C" or better or equivalent

Advisory: FASHN 350 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

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 continue the instruction of the use and care of industrial sewing machines. One field trip is required. The cost per student to participate is approximately \$70-\$100.

FASHN 354 Building Corsets 3 Units

Prerequisite: FASHN 350 with grades of "C" or better or equivalent

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course will enable a student to create a corset and a foundation garment needed for advanced garments. The student will learn to identify the appropriate corset fabrics, boning, and findings that are used in making corsets. Instruction will include layout, measuring, fitting, and construction of a basic corset. One field trip is required. The cost per student to participate in this course will be approximately \$75-\$125.

FASHN 355 Applications in Tailoring 3 Units

Prerequisite: FASHN 351 with a grade of "C" or better or equivalent.

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

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. 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 and coats. The course will also include speed construction techniques. One field trip may be required. The cost per student to participate in this course is approximately \$40-\$125.

FASHN 361 Pants; Fit, Style and Construction 3 Units

Prerequisite: FASHN 301 and FASHN 350 with grades of "C" or better or equivalent

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This apparel construction course focuses on selecting pants patterns and suitable fabrics. Through the process of pant evaluation and pattern adjustments, a base block pattern can be constructed. From this basic block, personal style variations can be fitted and constructed. This course also covers variations for men's and women's pant styles and applications. The cost per student to participate is approximately \$75-\$120.

FASHN 364 Menswear Construction 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

Students will study the skill needed to construct men's garments. Details will include measurements, pattern drafting, slopers, and blocks. In-depth treatments of patternmaking will cover casual to tailored apparel for the modern man. The cost per student to participate is \$45 to \$85.

FASHN 365 Apparel and Historic Millinery 3 Units

Prerequisite: FASHN 301 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

Apparel and fashion garments are not complete without accessories. The lecture topics will provide the student with the understanding of history of millinery as it applies to historical and current fashion trends. Students will learn to pattern draft and construct projects such as gloves, reticules, and headgear. The cost per student to participate in this course is approximately \$30-\$80.

FASHN 366 Menswear Style 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

This course covers all aspects of men's clothing, from sportswear and casual to tailored clothing and formal wear. Design details such as size of lapel, width of pant legs, pockets, collars, and sleeves will be discussed. Practical style elements like the fit of a jacket or the break in a pant hem will be covered in detail. The course will cover how to dress a successful men's wear collection. There is a required field trip.

FASHN 367 Stretch I 3 Units

Prerequisite: FASHN 301 and 350 with grades of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course covers the essentials of stretch construction, including sizing, terms, and principles. Construction and fitting techniques will be used to draft a sloper block. Students will use industrial sewing and serger machines to construct loungewear, yoga outfits, body suits, leotards swimsuits, and other activewear. One field trip is required. Materials will cost approximately \$65-\$125 per student.

FASHN 368 Stretch II 3 Units

Prerequisite: FASHN 301, 350, 351, and 367 with grades of "C" or better

Advisory: ENGRD 110, ENGWR 101, and MATH 34 with grades of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course covers stretch wear from advanced sportswear such as skating and athletic wear to 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. The cost per student to participate in this course is approximately \$60-\$125.

FASHN 370 Pattern Adjustment and Clothing Alterations 3 Units

Prerequisite: FASHN 301, 350, and 351 with grades of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

Students will study a commercial pattern and make adjustments to fit body and proportion measurements. Students will also study the relationships of various body fitting differences. Garment fitting techniques and refinements will be completed on a sloper. These alterations will also be done on ready-to-wear garments. Students will provide these garments from thrift stores or their own collection. The cost per student to participate is approximately \$40-\$65.

FASHN 371 Draping Daywear 3 Units

Prerequisite: FASHN 350 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This is an advanced creative course that provides students with another dimension of fabric manipulation. Draping is a skill that allows an idea to be explored on an industry standard apparel form. Students will drape several daywear garments on half scale and full-size apparel forms. One garment will be executed in fashion fabric. The cost to participate per student is approximately \$50-\$100.

FASHN 372 Pattern Making and Design 3 Units

Prerequisite: FASHN 351 with a grade of "C" or better, or equivalent.

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course offers an introduction to the flat pattern method of apparel design. Students will develop and refine a personal sloper from a commercial basic pattern. This sloper will be used to create various full size patterns and a student-designed garment. Pattern making techniques will be perfected with 1/2 or 1/4 size patterns. Students will learn how to combine pattern design variations to create new designs. The cost per student to participate will be approximately \$30-\$50.

FASHN 373 Pattern Drafting 3 Units

Prerequisite: FASHN 372 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course will include instructions on how to draft slopers using industry standard measurements to create basic blocks for woven fabrics. Using the basic blocks, students will develop first patterns for simple garment designs and construct sample garments to test fit on industry standard apparel forms. The cost per student to participate will be approximately \$50-\$100.

FASHN 376 Advanced Design – Drafting, Advanced Flat Pattern Techniques and Computer Aided Design 3 Units

Prerequisite: FASHN 372 with a grade of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course will include instruction on how to draft basic pattern pieces from measurements and create advanced slopers for torsos, basic jackets, knits, and create advanced flat pattern design details. Students will be introduced to CAD, computer aided design. Everything that can be done by hand can 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, marker making, and plotting pattern pieces. The cost per student to participate is approximately \$35-\$60.

FASHN 377 Draping Couture 3 Units

Prerequisite: FASHN 301, 350, 351, 352, 371, and 372 with grades of "C" or better

Advisory: ENGRD 110, ENGWR 101, and MATH 34 with grades of "C" or better

Course Transferable to CSU

Hours: 36 hours LEC; 54 hours LAB

This course covers advanced draping skills found in the production of couture apparel. Bias contouring techniques will combine with advanced sequencing skills in specialty fabrics to produce a custom fitting garment. One field trip is required. The cost per student to participate in this course is approximately \$50-\$125.

FASHN 394 Apparel Entrepreneur 3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 54 hours LEC

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.

FASHN 495 Independent Studies in Fashion 1-3 Units

Prerequisite: None.

Course Transferable to CSU

Hours: 36 hours LEC; 162 hours LAB

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

FASHN 499 Experimental Offering in Fashion .5-4 Units

Prerequisite: None

Course Transferable to UC/CSU

Hours: 54 hours LEC; 36 hours LAB

See Experimental Offering. UC transfer credit will be awarded only after the course has been evaluated by the enrolling UC campus. The units completed for this course cannot be counted towards the minimum 60 units required for admissions.