A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>FCS 101</td>
<td>Life Management</td>
<td>3</td>
</tr>
<tr>
<td>FCS 105</td>
<td>Family Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>FCS/BSU 136</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
<tr>
<td>NUTR/HE 165</td>
<td>Fundamentals of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>FASH 110</td>
<td>Textiles</td>
<td>3</td>
</tr>
<tr>
<td>FASH 135</td>
<td>Introductory Sewing for Apparel</td>
<td>3</td>
</tr>
<tr>
<td>ID 100</td>
<td>Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>CHDV 100</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 110</td>
<td>Developmental Psychology – Child Through Adult</td>
<td>3</td>
</tr>
</tbody>
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TOTAL UNITS: 24

Recommended Electives: It is recommended that candidates for the certificate and transfer students take one or more of the following courses: FCS 197, FASH 100, 105, 136; ID 100, 115; ART 120; CHEM 100; CHDV 145; CE 100; PSYC 100; SOC 100; SPCH 100

Students planning to transfer to San Diego State University should seek counseling from the director of the Family and Consumer Sciences program.

COURSE OFFERINGS

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Students planning to transfer to San Diego State University should seek counseling from the director of the Family and Consumer Sciences program.

Fashion (FASH)

Contact the Design and Consumer Education Department for further information.

Associate in Science Degree -

AS Degree requirements are listed in Section 6 (green pages).

• Fashion: Buying and Management
• Fashion: Visual Merchandising
• Fashion Design
• Fashion Merchandising

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

• Fashion: Buying and Management
• Fashion: Visual Merchandising
• Fashion Design
• Fashion Merchandising

PROGRAMS OF STUDY

Fashion: Buying and Management

A program designed to prepare future personnel for employment in a retail management position with an emphasis in fashion retailing.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements

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<tr>
<td>FASH 105</td>
<td>Fashion Analysis and Clothing Selection</td>
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</tr>
<tr>
<td>FASH 110</td>
<td>Textiles</td>
<td>3</td>
</tr>
<tr>
<td>FASH 115</td>
<td>Visual Merchandising I</td>
<td>3</td>
</tr>
<tr>
<td>FASH 119</td>
<td>Fashion Buying/Management I</td>
<td>3</td>
</tr>
<tr>
<td>FASH 120</td>
<td>Fashion Buying/Management II</td>
<td>3</td>
</tr>
<tr>
<td>FASH 126</td>
<td>Fashion Show Presentation</td>
<td>3</td>
</tr>
<tr>
<td>FASH 130</td>
<td>History of Fashion/Costume</td>
<td>3</td>
</tr>
<tr>
<td>FASH 175</td>
<td>Analysis, Evaluation, and Comparison of Ready-to-Wear</td>
<td>3</td>
</tr>
<tr>
<td>FASH 195</td>
<td>Field Studies in Fashion</td>
<td>3</td>
</tr>
<tr>
<td>BUS 167</td>
<td>Microsoft Office Integration</td>
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</tr>
<tr>
<td>BUS 205</td>
<td>Business Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL UNITS: 35

Fashion Design

Courses required for employment in the fashion industry: specifically in pattern making, sample work, fashion design, and illustration. Students should be aware that not all Fashion courses are offered every semester. See Class Schedule for additional information.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>FASH 90</td>
<td>Design Collection</td>
<td>3</td>
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<tr>
<td>FASH 100</td>
<td>Fashion Industry</td>
<td>3</td>
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<tr>
<td>FASH 149</td>
<td>Fine Dressmaking</td>
<td>3</td>
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<tr>
<td>FASH 139</td>
<td>Pattern Making/Fashion Design</td>
<td>3</td>
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<tr>
<td>FASH 141</td>
<td>Advanced Pattern Making/Draping</td>
<td>3</td>
</tr>
<tr>
<td>FASH 145</td>
<td>Fashion Illustration and Presentation</td>
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</tr>
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</table>

TOTAL UNITS: 35

See Catalog addendum at http://www.palomar.edu/catalog
**Fashion Merchandising**

The Fashion Merchandising A.S. degree program provides students with an option for a career or the requisite foundation for transfer to a four-year college or university. Careers might include assistant buyer, assistant department manager, small store owner, visual merchandiser, advertising consultant, fashion coordinator, fashion stylist, promotion coordinator, sales associate, or manufacturer's sales representative.

Students should be aware that not all Fashion courses are offered every semester. See Class Schedule or Department for additional information.

### A.S. Degree Major or Certificate of Achievement

#### Program Requirements

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<tbody>
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<td>Retailing/Promotion</td>
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<td>Analysis, Evaluation, and Comparison of Ready-to-Wear</td>
<td>3</td>
</tr>
<tr>
<td>FASH 155</td>
<td>World of Fashion</td>
<td>2 - 3</td>
</tr>
<tr>
<td>FASH 195</td>
<td>Field Studies in Fashion</td>
<td>2</td>
</tr>
<tr>
<td>CE 150</td>
<td>Cooperative Education Internship</td>
<td>2 - 3</td>
</tr>
</tbody>
</table>

**TOTAL UNITS 40 – 41**

Recommended Electives: FASH 116, 132, 155; BUS 155

### Fashion: Visual Merchandising

To acquaint the student with basic techniques of effective retail store presentations including window and interior displays. Course activities include constructing and installing displays and designing store environments. Students will utilize fixtures, lighting, mannequins, and other display materials.

### A.S. Degree Major or Certificate of Achievement

#### Program Requirements

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</tr>
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<td>CE 150</td>
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<tr>
<td>ID 150/</td>
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<tr>
<td>ARCH 150</td>
<td>Computer Aided Drafting for Designers (CADD)</td>
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</tr>
</tbody>
</table>

**TOTAL UNITS 31 - 33**

### Courses Offerings

Courses numbered under 100 are not intended for transfer credit.

**FASH 90  Design Collection**

1½ hours lecture - 4½ hours laboratory

**Recommended preparation:** At least one of the following courses: FASH 135, 136, 139, 145

Lab course for fashion show line designers in any clothing category of women's, men's, teen's, and children's wear.

**FASH 93  Specification Packets/Technical Design**

1½ hours lecture - 4½ hours laboratory


**FASH 100  Fashion Industry**

3 hours lecture

**Transfer acceptability:** CSU

A study of the background and technology of the clothing industry. Includes contemporary problems of production and distribution; emphasis is on career options in the fashion industry.

**FASH 105  Fashion Analysis and Clothing Selection**

3 hours lecture

**Transfer acceptability:** CSU

Examines fashion for professional and personal need as it relates to culture, wardrobe planning, and coordination.

**FASH 106A Basic Costume I: Technology**

2 hours lecture - 3 hours laboratory

**Note:** Cross listed as ENTT 106A and TA 106A

**Transfer acceptability:** CSU; UC

A foundational course providing a basic introduction to practices, theories, techniques and procedures of costume technology for theatre, film and television. Focus will be on the structure of a working costume shop, basic hand and machine sewing techniques, textile identification, basic garment fitting, simple pattern modification, and production wardrobe crew procedures. Practical training in college productions is incorporated during the course of study.

**FASH 106B Basic Costume II: Design**

2 hours lecture - 3 hours laboratory

**Note:** Cross listed as ENTT 106B and TA 106B

**Transfer acceptability:** CSU; UC

A foundational course providing a basic introduction to practices, theories, techniques and procedures of costume design for theatre, film and television. Through a series of costume projects, students develop design theory, drawing techniques and script analysis abilities. Practical training in college productions is incorporated during the course of study.

**FASH 109 Elementary Stage Make-Up**

2 hours lecture - 4 hours laboratory

**Prerequisite:** A minimum grade of ‘C’ in ENTT/TA 105

**Note:** Cross listed as TA 109

**Transfer acceptability:** CSU; UC

C-ID FASH 175

Basic theories, techniques, and procedures of make-up production for stage, film, and television. Practical training in college productions.

**FASH 110 Textiles**

2½ hours lecture - 1½ hours laboratory

**Transfer acceptability:** CSU

Fibers, yarn, fabric construction, and finishes as related to selection, use, and care of textiles.
FASH 115 Visual Merchandising I (3)
3 hours lecture
Transfer acceptability: CSU
Designed to acquaint the student with basic techniques of effective retail store presentations including window and interior displays. Course activities include constructing and installing visual displays using the principles of design and displaying store environments, utilizing fixtures, lighting, and other display materials.

FASH 116 Visual Merchandising II (3)
3 hours lecture
Prerequisite: A minimum grade of ‘C’ in FASH 115
Transfer acceptability: CSU
Advanced training in visual presentation. Students benefit by practical application and collaboration with industry professionals. Course activities include leadership role in construction and installing of interior and exterior window displays, store layout, special event coordination, and store planning.

FASH 119 Fashion Buying/Management I (3)
3 hours lecture
Transfer acceptability: CSU
A study of management opportunities within the field of fashion retailing, at both the corporate and store level, with an emphasis on the role of store department management. The role and responsibilities of each management position will be fully explored, including fiscal responsibilities of each and the math skills necessary to accomplish goals. Topics covered include basic management skills, inventory control, labor laws governing the fashion retail industry, recruitment and interviewing, employee relations, including coaching and counseling, math skills pertinent to each position, and merchandise management and control.

FASH 120 Fashion Buying/Management II (3)
3 hours lecture
Transfer acceptability: CSU
Principles of fashion buying utilizing practical applications and case studies. Topics covered include merchandise planning and selection, resource relations, legal trade regulations, pricing, and merchandise management and control.

FASH 125 Retailing/Promotion (3)
3 hours lecture
Note: Cross listed as BUS 145
Transfer acceptability: CSU
Principles of retailing, promotion, and advertising pertinent to retail policies and procedures. Includes psychological aspect of retailing; Working foundation for those looking forward to employment in this area.

FASH 126 Fashion Show Presentation (3)
3 hours lecture
Transfer acceptability: CSU
Applied study and practical application of fashion show and special event production and promotion skills. Strategies and techniques studied include organizing, advertising, staging, timing, and coordinating models and their clothing and accessories. Produce the Fashion Merchandising/Fashion Design program’s annual fashion show.

FASH 130 History of Fashion/Costume (3)
3 hours lecture
Transfer acceptability: CSU
Styles of dress from the Paleolithic period to the present as depicted in art forms and other media. Focuses on Western European costume.

FASH 131 Elementary Stage Costume and Make Up (3)
2 hours lecture - 3 hours laboratory
Note: Cross listed as TA 131
Transfer acceptability: CSU
Basic theories, techniques, and procedures of costume production and make-up application for stage, film, and television. Practical training in college productions.

FASH 132 Costume and Culture (3)
3 hours lecture
Transfer acceptability: CSU

FASH 135 Introductory Sewing for Apparel (3)
2 hours lecture - 3 hours laboratory
Transfer acceptability: CSU
Produce basic garments in a sample-room setting using introductory sewing techniques.

FASH 136 Advanced Sewing for Apparel (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of ‘C’ in FASH 135
Transfer acceptability: CSU
Advanced sewing for apparel emphasizing machine technique and workroom procedures. Preparation will be given for employment in sample making for apparel manufacturing.

FASH 137 Tailored Apparel Sewing (3)
1½ hours lecture - 4½ hours laboratory
Recommended preparation: FASH 136
Transfer acceptability: CSU
Demonstration of advanced level sewing construction utilizing hand and machine techniques for tailoring. Projects include planning and construction of suits and coats.

FASH 139 Pattern Making/Fashion Design (3)
2 hours lecture - 3 hours laboratory
Transfer acceptability: CSU
Pattern making through the flat pattern design method. Attention is given to design analysis and interpretation of design; application of design method in the development, presentation, and construction of original garments.

FASH 141 Advanced Pattern Making/Draping (3)
1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU
Advanced design skills for the fashion industry. Examination of one method of pattern development: draping. Creation of patterns to drape and fit on a dressmaker’s form.

FASH 144 Fashion Illustration and Presentation (3)
1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU
Fundamentals in drawing of fashion figures and in illustration of fashion garments. Development of individual skills and style in graphic presentation.

FASH 146 Computer Aided Design (CAD) for Fashion (3)
1½ hours lecture - 4½ hours laboratory
Corequisite: FASH 168
Transfer acceptability: CSU
An introduction to computer aided pattern making for fashion using CAD technology. Hands-on experience with CAD technology to include the following operations: preparing and editing patterns; storage and retrieval of patterns; production of fashion industry patterns.

FASH 147 Advanced Computer Aided Design (CAD) for Fashion (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of ‘C’ in FASH 146
Corequisite: FASH 168
Transfer acceptability: CSU
Advanced theory and hands-on operation of CAD systems for fashion pattern making including pattern making blocks, grading, and marker making. Emphasis is placed on productivity and manufacturability for the fashion design industry.
FASH 148  Digital Design for Fashion  
2 hours lecture - 3 hours laboratory  
Transfer acceptability: CSU  
Design and illustrate fashion sketches, storyboards, and patterns using Adobe Illustrator and Adobe Photoshop. Development of individual skills and style in genre presentations.

FASH 149  Fine Dressmaking  
1 ½ hours lecture - 4 ½ hours laboratory  
Prerequisite: A minimum grade of “C” in FASH 136  
Transfer acceptability: CSU  
A study of techniques used to develop fine dressmaking skills including construction used in high-end ready to wear and couture fashions.

FASH 155  World of Fashion  
1, 2, or 3 hours lecture - 1 ½, 2, 3, or 4 ½ laboratory  
Note: Fee charged  
Transfer acceptability: CSU  
Extended field studies in textiles, design, manufacturing, forecasting, and retail practices as they apply to the national and international fashion industry. Emphasis upon field observation and examination of the fashion trends as they interrelate with the social, political, psychological, economic, and historical influences to create the fashion ambiance. Geographical locations may vary.

FASH 168  CAD Laboratory  
1 ½ hours laboratory  
Corequisite: FASH 146 or 147  
Transfer acceptability: CSU  
Enhancement of CAD (Digital Design for Fashion) skills by supervised practice and active participatory experience in individual study. Specific content to be determined by the need of the student in agreement and under observation and direction of the instructor.

FASH 170  Introduction to Fabric Design/Painting  
1 ½ hours lecture - 4 ½ hours laboratory  
Transfer acceptability: CSU  
Traditional and contemporary methods in the application of fabric dyes and paints using fundamental design principles for textiles and clothing.

FASH 175  Analysis, Evaluation, and Comparison of Ready-to-Wear  
3 hours lecture  
Transfer acceptability: CSU  
Analysis of the quality of materials, design, and construction in ready-to-wear garments and accessories; comparison of processes involved in manufacturing; concepts of sizing; principles of fit; and aids in buying and selling.

FASH 178  Fashion Career Portfolio  
2 hours lecture  
Transfer acceptability: CSU  
Creation of a professional portfolio for careers in the fashion industry.

FASH 195  Field Studies in Fashion  
1 hour lecture - 3 hours laboratory  
Transfer acceptability: CSU  
Fashion industry on site: process of designing, manufacturing, marketing, and merchandising of fashion apparel and related accessories.

FASH 197A  Fashion Merchandising Workshop  
(3)  
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.  
Transfer acceptability: CSU  
Covers areas of the fashion merchandising industry which are rapidly changing or require current short term specific training.

FASH 197B  Fashion Manufacturing Workshop  
(3)  
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.  
Transfer acceptability: CSU  
Covers areas of the fashion manufacturing industry which are rapidly changing or require current short term specific training.

FASH 197C  Fashion Design Workshop  
(5-3)  
Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.  
Transfer acceptability: CSU  
Covers areas of the fashion design industry which are rapidly changing or require current short term specific training.

FASH 295  Directed Study in Fashion  
3, 6, or 9 hours laboratory  
Prerequisite: Approval of project or research by department chairperson/director  
Transfer acceptability: CSU  
Independent study for students who have demonstrated skills and/or proficiencies in Fashion subjects and have the initiative to work independently on projects or research outside the context of regularly scheduled classes. Students will work under the personal supervision of an instructor.

Fire Technology (FIRE)  
Contact Public Safety Programs for further information.  
(760) 744-1150, ext. 1704  
Office: PSTC, 182 Santar Place, San Marcos

Associate in Science Degrees -  
AS Degree requirements are listed in Section 6 (green pages).  
• Fire Academy  
• Fire Technology - Emergency Management  
• Fire Technology - General

Certificates of Achievement -  
Certificate of Achievement requirements are listed in Section 6 (green pages).  
• Fire Academy  
• Fire Technology - Emergency Management  
• Fire Technology - General

PROGRAMS OF STUDY

Fire Academy  
Training to meet the requirements mandated by the California Office of State Fire Marshal for Certified Fire Fighter I. Covers fire ground procedures, tactics, strategy, safety methods, fire dynamics, equipment usage and deployment, and subject material pertaining to the role of fire fighters within the fire service.

Prepares students for a career in the fire suppression/protection field. The student also receives additional certifications from the California State Fire Marshall’s Office.

CERTIFICATE OF ACHIEVEMENT

Program Requirements  
EME 100/HE 104 Emergency Medical Responder  3  
EME 106 Emergency Medical Technician (Lecture)  6  
EME 106L Emergency Medical Technician Skills (Laboratory)  1.5  
FIRE 151 Fire Fighter I Academy  20

TOTAL UNITS  30.5

Fire Technology - Emergency Management  
Prepares student for career in Emergency Management.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements  
FIRE 100 Fire Protection Organization  3  
FIRE 115 Hazardous Materials I  3  
FIRE 120 Building Construction for Fire Protection  3  
FIRE 131 Emergency Preparedness  3  
FIRE 132 Fundamentals of Emergency Management  3  
FIRE 133 Disaster Mitigation  3