ENTT 106B  Basic Costume II: Design   
2 hours lecture - 3 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT 104/TA 104  
Transfer acceptability: CSU; UC  
Note: Cross listed as FASH 106B and TA 106B  
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.

ENTT 107  Lighting for Stage and Television   
2 hours lecture - 3 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT 105/TA 105  
Note: Cross listed as TA 107  
Transfer acceptability: CSU; UC  
C-ID THTR 173  
Techniques, theories, and procedures necessary to develop lighting and lighting  
effects integrated into film, television, and theatre productions. Practical experience  
in college productions.

ENTT 108  Stagecraft and Scene Design for Theatre and Television   
2 hours lecture - 3 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT 105/TA 105  
Note: Cross listed as TA 108  
Transfer acceptability: CSU; UC  
C-ID THTR 172  
Technical practices and organization of production for theatre, film, and  
television. Practice in drafting, designing, and construction of scenery for college  
productions.

ENTT 112  Basic Sound Reinforcement   
2 hours lecture - 3 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT 112 and MUS 112  
Note: Cross listed as TA 112 and MUS 112  
Transfer acceptability: CSU  
An introduction to basic sound equipment and reinforcement principles. To understand  
basic set up, operation, and troubleshooting of live Public Address systems  
in a concert or theatrical setting.

ENTT 114  Advanced Sound Reinforcement  
4½ - 6 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT/MUS 112  
Note: Cross listed as MUSTA 114  
Transfer acceptability: CSU  
Advanced principles of electronic sound, acoustics, equalization and effects processing,  
recording of live sound in a concert or theatrical setting, equipment management  
and design techniques.

ENTT 120  Digital Television Production   
1½ hours lecture - 4½ hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT/TA 120; may not be taken for Pass/No Pass grading  
Note: Cross listed as DBA 120; may not be taken for Pass/No Pass grading  
Transfer acceptability: CSU  
The terminology, practices, and aesthetic considerations of visual and sound productions.  
Principles of producing, staging, shot composition, directing, blocking,  
graphics, studio techniques, and lighting for television.

ENTT 124  Beginning Stage Management   
2 hours lecture - 3 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT/TA 124  
Note: Cross listed as DNCE/TA 124  
Transfer acceptability: CSU; UC  
Introduces students to the practices and techniques of Stage Management. Students  
will assist a stage manager on a project during the course of the semester.  
Regular availability on evenings and weekends is required.

ENTT 130  Radio Production   
1½ hours lecture - 4½ hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT/TA 105  
Note: Cross listed as TA 130; may not be taken for Pass/No Pass grading  
Transfer acceptability: CSU  
Techniques and theories of audio production in the preparation of radio programs.  
Use of audio mixing and recording equipment, editing and dubbing, microphone  
techniques and program construction. A program produced by the student  
will be broadcast on radio station KKSM.

ENTT 170  Computer Aided Drafting for Theatre   
6 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT/TA 105  
Note: Cross listed as TA 170  
Transfer acceptability: CSU; UC  
An introduction to Computer Aided Drafting (CAD) for theatre. Hands on experience  
with CAD software to be supplemented with basic mechanical drafting  
terminology and techniques. An introduction to user specific third party software  
as related to drafting and designing of scenery and lighting for college productions.

ENTT 171  Advanced Lighting Lab   
6 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in ENTT/TA 107  
Note: Cross listed as TA 171  
Transfer acceptability: CSU; UC  
Crafting and implementation of the lighting design for performances using the  
techniques, theories, and procedures necessary to develop lighting and lighting  
effects. Practical experience in college theatre, dance, and music productions.

ENTT 298C  Advanced Broadcast Internships   
9 hours laboratory  
Prerequisite: A minimum grade of ‘C’ in DBA 298B  
Note: Cross listed as DBA 298C; may not be taken for Pass/No Pass grading  
Transfer acceptability: CSU; UC  
Work on advanced television production including individual research, work on  
advanced college produced programs, or internships at local Network affiliate  
broadcast stations, radio stations, cable companies, and other professional  
communications facilities.

Family and Consumer Sciences (FCS)

Contact the Design and Consumer Education Department for further information.  
(760) 744-1150, ext. 2349  
Office: P-8A  
For transfer information, consult a Palomar College Counselor.

Associate in Science Degrees -  
AS Degree requirements are listed in Section 6 (green pages).  
• Family and Consumer Sciences - General

Certificates of Achievement -  
Certificate of Achievement requirements are listed in Section 6 (green pages).  
• Family and Consumer Sciences - General

PROGRAM OF STUDY

Family and Consumer Sciences- General

For students desiring to improve their skills as home managers or to enter careers in social services or related fields requiring knowledge of family management skills.

Students should be aware that not all Family and Consumer Sciences, Fashion, and Interior Design courses are offered every semester. See Class Schedule or Department Chairperson for additional information.
## A.S. Degree Major or Certificate of Achievement

### Program Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</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/Bus 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>
</table>

### 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

#### FCS 101 Life Management

3 hours lecture

Transfer acceptability: CSU

Principles of managing human systems through the techniques of goal setting, decision making, communication, and time and energy structuring. Emphasizes problem solving skills transferable to management of education, residence, or work environments.

#### FCS 105 Family Dynamics

3 hours lecture

Transfer acceptability: CSU

Explores the elements which lead to successful adjustment in family living. Dynamics of love, communication, and sexuality are examined as part of the developmental process of family life.

#### FCS 110 Microbiology and Foods

2 hours lecture - 3 hours laboratory

Note: Cross listed as Micr 110

Transfer acceptability: CSU

Introduction to the principles of microbiology with an emphasis on foodborne pathogens. Students will explore biological factors and controls relating to reproduction of microorganisms and the effects on public health. This course does not meet microbiology requirement for pre-health students.

#### FCS 136 Personal Finance

3 hours lecture

Note: Cross listed as Bus 136

Transfer acceptability: CSU

An integrated approach to personal finance that focuses on practical financial decision-making, as well as the physiological, psychological and sociological contexts in which those decisions are made. Topics include money management, taxes, financial services, consumer credit, consumer purchasing strategies, housing, property and automobile insurance, health and disability insurance, life insurance, investment analysis and retirement and estate planning.

#### FCS 197 Family and Consumer Sciences 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

Topics in Family and Consumer Sciences. See class schedule for specific topic offered. Course title will designate subject covered.

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## Fashion (FASH)

Contact the Design and Consumer Education Department for further information.

(760) 744-1150, ext. 2349

Office: P-8A

For transfer information, consult a Palomar College Counselor.

### Associate in Science Degree -

- Fashion 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

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### 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

<table>
<thead>
<tr>
<th>Program Requirements</th>
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<tbody>
<tr>
<td>FASH 100</td>
<td>Fashion Industry</td>
</tr>
<tr>
<td>FASH 105</td>
<td>Fashion Analysis and Clothing Selection</td>
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<tr>
<td>FASH 110</td>
<td>Textiles</td>
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<tr>
<td>FASH 115</td>
<td>Visual Merchandising I</td>
</tr>
<tr>
<td>FASH 119</td>
<td>Fashion Buying/Management I</td>
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<tr>
<td>FASH 120</td>
<td>Fashion Buying/Management II</td>
</tr>
<tr>
<td>FASH 126</td>
<td>Fashion Show Presentation</td>
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<tr>
<td>FASH 130</td>
<td>History of Fashion/Costume</td>
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<tr>
<td>FASH 175</td>
<td>Analysis, Evaluation, and Comparison of Ready-to-Wear</td>
</tr>
<tr>
<td>FASH 195</td>
<td>Field Studies in Fashion</td>
</tr>
<tr>
<td>Bus 167</td>
<td>Microsoft Office Integration</td>
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<tr>
<td>Bus 205</td>
<td>Business Communication</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

<table>
<thead>
<tr>
<th>Program Requirements</th>
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<tbody>
<tr>
<td>FASH 90</td>
<td>Design Collection</td>
</tr>
<tr>
<td>FASH 100</td>
<td>Fashion Industry</td>
</tr>
<tr>
<td>FASH 105</td>
<td>Fashion Analysis and Clothing Selection</td>
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<td>Advanced Sewing for Apparel</td>
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<tr>
<td>FASH 137</td>
<td>Tailored Apparel Sewing</td>
</tr>
<tr>
<td>FASH 149</td>
<td>Fine Dressmaking</td>
</tr>
<tr>
<td>FASH 139</td>
<td>Pattern Making/Fashion Design</td>
</tr>
<tr>
<td>FASH 141</td>
<td>Advanced Pattern Making/Draping</td>
</tr>
<tr>
<td>FASH 145</td>
<td>Fashion Illustration and Presentation</td>
</tr>
</tbody>
</table>

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