

**ENTT 103 Introduction to Audio-Visual Systems (3)**

6 hours lecture/laboratory

**Note:** Cross listed as RTV 103

**Transfer acceptability:** CSU

Provides a theoretical and practical foundation in temporary and permanent video and audio systems technology for entertainment applications such as theatre, corporate events, hotel/ballroom A/V work, theme parks, museums and other related applications.

**ENTT 105 Introduction to Technical Theatre (3)**

2 hours lecture - 3 hours laboratory

**Note:** Cross listed as TA 105

**Transfer acceptability:** CSU; UC

A general survey of technical theatre including stagecraft, lighting, sound design, costuming, make up, production organization, business management, and promotion. Course will include practical skills in all areas.

**ENTT 107 Lighting for Stage and Television (3)**

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

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 (3)**

2 hours lecture - 3 hours laboratory

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

**Note:** Cross listed as TA 108

**Transfer acceptability:** CSU; UC

Technical practices and organization of production for theatre, film, and television. Practice in drafting, designing, and construction of scenery for college productions.

**ENTT 112 Entertainment Audio Production (3)**

2 hours lecture - 3 hours laboratory

**Note:** Cross listed as TA 112

**Transfer acceptability:** CSU

Audio applications and technology for entertainment based uses. To understand set up, operation, troubleshooting techniques with audio signal chain.

**ENTT 120 Digital Television Production (3)**

6 hours lecture/laboratory

**Note:** Cross listed as RTV 120

**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 130 Radio Production (3)**

6 hours lecture/laboratory

**Note:** Cross listed as RTV 130

**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. Several programs produced by the student will be broadcast on radio station KKSM.

**ENTT 294B Television Internships/Production (1, 2, 3)**

3, 6, or 9 hours laboratory

**Note:** Cross listed as RTV 294B; May be taken 4 times

**Transfer acceptability:** CSU

Work on advanced television production including individual research, work on college produced programs, or internships at local broadcast stations, cable companies, and other communications facilities.

**Family and Consumer Sciences (FCS)**

Contact the Design and Consumer Education Department for further information.

(760) 744-1150, ext. 2349

Office: ST-49

For transfer information, consult a Palomar College Counselor.

**Associate in Arts Degrees -**

AA 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.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT**

Program Requirements		Units
FCS 101	Life Management	3
FCS 105	Family Dynamics	3
FCS/BUS 136	Personal Finance	3
FCS/HE 165	Fundamentals of Nutrition	3
FASH 110	Textiles	3
FASH 135	Basic Sewing Construction	3
ID 100	Interior Design	3
CHDV 100 or PSYC 110	Child Growth and Development / Developmental Psychology – Child Through Adult	3

**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 105, 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)**

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)**

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 (3)**  
 2 hours lecture-2 hours lecture/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)**  
 3 hours lecture  
**Note:** Cross listed as BUS 136  
**Transfer acceptability:** CSU  
 A study of the effective management of personal and family resources. Budgeting, buying of goods and services, banking, credit, taxation, investing, insurance, home ownership, estate planning, and consumer protection.

**FCS 150 Food and Culture (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Food is an expression of cultural diversity, and traditional foods reflect geographic area and culture. Regional, ethnic, cultural, religious, historical, and social influences on food patterns are explored. Influence of socio-economic class, gender, and age on diet, health, and disease are also discussed.

**FCS 165 Fundamentals of Nutrition (3)**  
 3 hours lecture  
**Note:** Cross listed as HE 165  
**Transfer acceptability:** CSU; UC – FCS 165, FCS 185, BIOL 185, HE 165 combined: maximum credit, one course  
 The study of how food nourishes the body. Investigation of diet fads and fallacies, eating for fitness, and planning meals for optimum health throughout the life cycle.

**FCS 170 Nutrition: Eating Disorders and Obesity (3)**  
 3 hours lecture  
**Transfer acceptability:** CSU  
 Review of etiology, incidence, socio-economic influences, and treatments. Interrelationships of genetics and environment (diet, exercise, and behavior) on weight management. Includes vocational information for working with the obese or eating-disordered.

**FCS 185 Science of Human Nutrition (3)**  
 3 hours lecture  
**Note:** Cross listed as BIOL 185  
**Transfer acceptability:** CSU; UC – FCS 165, FCS 185, BIOL 185, HE 165 combined: maximum credit, one course  
 Science of food, nutrients, and other substances therein; processes by which the organism ingests, digests, absorbs, transports, utilizes, and excretes food substances. Emphasis on biological, chemical, and physiological implications to human nutrition.

**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, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.  
**Note:** May be taken 3 times  
**Transfer acceptability:** CSU  
 Materials relative to the field of Family and Consumer Sciences.

**Fashion (FASH)**

Contact the Design and Consumer Education Department for further information.  
 (760) 744-1150, ext. 2349  
 Office: ST-49  
 For transfer information, consult a Palomar College Counselor.

**Associate in Arts Degrees -**  
 AA Degree requirements are listed in Section 6 (green pages).  
 • Fashion: Buying and Management  
 • Fashion Design/Technical  
 • Fashion Merchandising

**Certificates of Achievement -**  
 Certificate of Achievement requirements are listed in Section 6 (green pages).  
 • Fashion: Buying and Management

**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.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT\***

Program Requirements	Units
FASH 100 Fashion Industry	3
FASH 115 Visual Merchandising I	3.5
FASH 119 Fashion Buying/Management I	3
FASH 120 Fashion Buying/Management II	3
FASH 175 Analysis, Evaluation, and Comparison of Ready-to-Wear	3
FASH 178 Fashion Career Portfolio	2
FASH 195 Field Studies in Fashion	2
FASH 197A Fashion Merchandising Workshop	0.5 - 3
BUS 125 Business English	3
BUS 145/ FASH 125 Retailing/Promotion	3
CSIT 120/ R CSIS 120 Computer Applications	3
CE 150 Cooperative Education Internship	2-3
<b>TOTAL UNITS</b>	<b>31 - 34.5</b>

\*Fashion: Buying and Management A.A. Degree Major or Certificate of Achievement pending approval by the California Community Colleges Chancellor's Office at the time of catalog production.

**Fashion Design/Technical**

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 or Department Chairperson for additional information.

**A.A. DEGREE MAJOR**

Program Requirements	Units
FASH 100 Fashion Industry	3
FASH 105 Fashion Analysis/Clothing Selection	3
FASH 110 Textiles	3
FASH 130 History of Fashion/Costume	3
FASH 135 Basic Sewing Construction	3
FASH 136 Advanced Sewing Construction	3
FASH 137 or FASH 149 Tailoring	3
FASH 139 Fine Dressmaking	3
FASH 141 Pattern Making/Fashion Design	3
FASH 145 Adv Patternmaking/Fashion Design	3
FASH 146 Fashion Illustration/Presentation	4
FASH 148 Computer Aided Design (CAD) for Fashion	3
FASH 148 Digital Design for Fashion	3
FASH 165 Sewing Laboratory	1
FASH 166 Tailoring Laboratory	.5
FASH 167 Pattern-Making Laboratory	.5
FASH 195 Field Studies in Fashion	2
CE 150 Cooperative Education Internship	2-3