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  
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 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 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 fats and fallacies, eating for fitness, and planning meals for optimum health throughout the life cycle.

FCS 170  Nutrition: Eating Disorders and Obesity  
3 hours lecture  
**Transfer acceptability:** CSU  
Review of etiology, incidence, socio-economic influences, and treatments. Inter-relationships 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 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  
3 hours lecture  
**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: P-8A

For transfer information, consult a Palomar College Counselor.

FASH 100  Fashion Industry  
FASH 105  Fashion Analysis/Clothing Selection  
FASH 110  Textiles  
FASH 115  Visual Merchandising I  
FASH 120  Fashion Buying/Management II  
FASH 125/  
BUS 145  Retailing/Promotion

**Associate in Arts Degrees -**

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

- Fashion Design/Technical
- Fashion Merchandising

**PROGRAMS OF STUDY**

**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**

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**TOTAL UNITS** 44 - 46

**Fashion Merchandising**

The Fashion Merchandising A.A. 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, 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 Chairperson for additional information.

**A.A. DEGREE MAJOR**

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**To satisfy a prerequisite, the student must have earned a letter grade of A, B, C or CR in the prerequisite course, unless otherwise stated.**

See Catalog addendum at http://www.palomar.edu/catalog/2012/ for updates and new program approvals.
FASH 126  Fashion Show Promotion  1
FASH 130  History of Fashion/Costume  3
FASH 148  Digital Design for Fashion  3
FASH 175  Analysis, Evaluation, and Comparison of Ready-to-Wear  3
FASH 195  Field Studies in Fashion  2
CE 150  Cooperative Education Internship  2-3

TOTAL UNITS  32.5 - 33.5

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

COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

FASH 90  Design Collection  (3)
1½ hours lecture - 4½ hours laboratory
Recommended preparation: At least one of the following courses: FASH 135, 136, 139, 145
Note: May be taken 2 times
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  (3)
1½ hours lecture - 4½ hours laboratory
Note: May be taken 2 times

FASH 100  Fashion Industry  (3)
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)
3 hours lecture
Transfer acceptability: CSU
Examines fashion for professional and personal need as it relates to culture, wardrobe planning, and coordination.

FASH 106  Elementary Stage Costume  (3)
2 hours lecture - 4 hours laboratory
Note: Cross listed as TA 106
Prerequisite: A minimum grade of 'C' in ENTT/TA 105
Transfer acceptability: CSU
Basic theories, techniques, and procedures of costume production for stage, film, and television. Practical training in college productions.

FASH 109  Elementary Stage Make-Up  (3)
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
Basic theories, techniques, and procedures of make-up production for stage, film, and television. Practical training in college productions.

FASH 110  Textiles  (3)
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  (3.5)
3 hours lecture - 1½ hours laboratory
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 designing store environments, utilizing fixtures, lighting, and other display materials.

FASH 116  Visual Merchandising II  (3.5)
3 hours lecture - 1½ hours laboratory
Transfer acceptability: CSU
Advanced visual design and application. Hands on experience in merchandise presentation and display; basic drafting techniques and drafting tools related to store planning and visual merchandising.

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 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 and techniques 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  (1)
½ hour lecture - ½ hour laboratory
Note: May be taken 4 times
Transfer acceptability: CSU
Applied study and practical application of fashion show and special event production and promotional 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/UC
FASH 135  Basic Sewing Construction  
(3)  
1½ hours lecture - 4½ hours laboratory  
Corequisite: FASH 165  
Note: May be taken 2 times  
Transfer acceptability: CSU  
Quality garments will be produced utilizing machine and manual industry sewing and pattern techniques.

FASH 136  Advanced Sewing Construction  
(3)  
1½ hours lecture - 4½ hours laboratory  
Prerequisite: A minimum grade of 'C' in FASH 135  
Corequisite: FASH 165  
Note: May be taken 2 times  
Transfer acceptability: CSU  
Sewing construction techniques beyond basic level, with increased difficulty in pattern assembly.

FASH 137  Tailoring  
(3)  
1½ hours lecture - 4½ hours laboratory  
Corequisite: FASH 166  
Recommended preparation: FASH 136  
Transfer acceptability: CSU  

FASH 139  Pattern Making/Fashion Design  
(3)  
1½ hours lecture - 4½ hours laboratory  
Corequisite: FASH 167  
Recommended preparation: FASH 135  
Note: May be taken 2 times  
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/Fashion Design  
(3)  
1½ hours lecture - 4½ hours laboratory  
Prerequisite: A minimum grade of 'C' in FASH 139  
Corequisite: FASH 167  
Recommended preparation: FASH 135  
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 145  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  
Note: May be taken 2 times  
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  
Note: May be taken 2 times  
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  
(3)  
1½ hours lecture - 4½ hours laboratory  
Note: May be taken 2 times  
Transfer acceptability: CSU  
Design and illustrate fashion sketches, storyboards, and patterns using Adobe Illustrator and Adobe Photoshop. Development of individual skills and style in graphic presentations.

FASH 149  Fine Dressmaking  
(3)  
1½ hours lecture - 4½ hours laboratory  
Prerequisite: A minimum grade of 'C' in FASH 136  
Corequisite: FASH 165  
Note: May be taken 2 times  
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  
(2,3)  
1, 2, or 3 hours lecture - 1½, 2, 3, or 4½ laboratory  
Note: Fee charged; may be taken 4 times  
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 ambience. Geographical locations may vary.

FASH 165  Sewing Laboratory  
(1)  
3 hours laboratory  
Corequisite: FASH 135 or 136  
Note: Pass/No Pass grading only; may be taken 4 times  
Transfer acceptability: CSU  
Enhancement of sewing skills by supervised practice and active participatory experience in individual study. Content to be determined by the need of the student in agreement and under observation and direction of the instructor.

FASH 166  Tailoring Laboratory  
(1)  
1½ hours laboratory  
Corequisite: FASH 137  
Recommended Preparation: FASH 135  
Note: May be taken 4 times  
Transfer acceptability: CSU  
Enhancement of tailoring skills by supervised practice and active participatory experience in individual study. Content to be determined by the need of the student in agreement and under observation and direction of the instructor.

FASH 167  Pattern-Making Laboratory  
(1)  
1½ hours laboratory  
Corequisite: FASH 139 or 141  
Note: May be taken 4 times  
Transfer acceptability: CSU  
Enhancement of pattern-making skills by supervised practice and active participatory experience in individual study. The specific content to be determined by the need of the student in agreement and under observation and direction of the instructor.

FASH 168  CAD Laboratory  
(1)  
1½ hours laboratory  
Corequisite: FASH 146 or 147  
Note: May be taken 4 times  
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 (3)
6 hours lecture/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)
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)
2 hours lecture

Note: May be taken 2 times

Transfer acceptability: CSU

Creation of a professional portfolio for careers in the fashion industry.

FASH 195 Field Studies in Fashion (2)
1 hour lecture - 3 hours laboratory

Note: May be taken 2 times

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 (.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.

Note: May be taken 4 times

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 (.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.

Note: May be taken 4 times

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.

Note: May be taken 4 times

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 (1, 2, 3)
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.