

# "F" Course Descriptions

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**FAMILY AND CONSUMER STUDIES**

**FILM PRODUCTION**

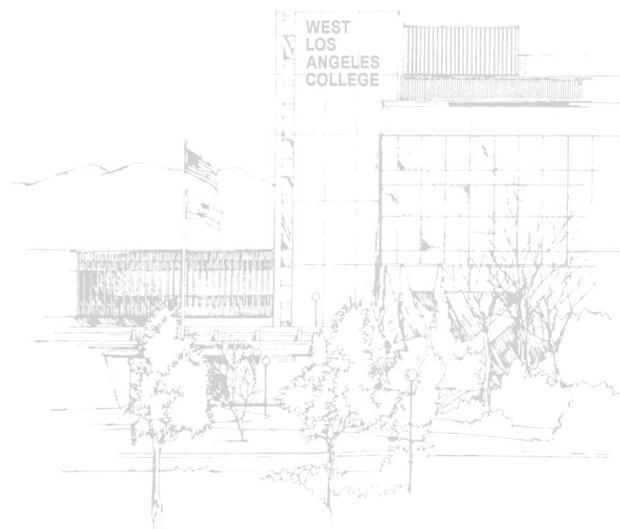
**FINANCE**

**FIRE TECHNOLOGY**

**FRENCH**

West

COURSE DESCRIPTIONS



## ENVIRONMENTAL SCIENCE

(Also see Earth Science)

### 1 The Human Environment: Physical Processes (3) UC:CSU

This introductory course discusses the effects of humans on their physical environment. Particular emphasis is placed upon modifications of physical processes due to industrialization and urbanization. Energy and pollution are stressed. Topics include energy sources and the environment, air pollution, climatic change, solid waste and water pollution, as well as topics of current interest.

### 2 The Human Environment: Biological Processes (3) UC:CSU

This is a course in basic ecology and natural history that fulfills a non-laboratory science requirement. Topics covered include ecosystem structure and function, the use of natural resources, and the survival of plant and animal species. Environmental problems such as population and pollution will be discussed, as well as local plant and animal species.

## FAMILY AND CONSUMER STUDIES

### 21 Nutrition (3) UC:CSU (CAN FCS 2)

This course provides a basic understanding of nutrition. It deals with the six classes of nutrients and their dietary requirements. It discusses the effect diet has on achieving a healthy lifestyle, and how to avoid obesity and nutritionally-related illnesses.

## FILM PRODUCTION

### 100 Introduction to Film, TV, and Video Production Crafts (3)

This course provides a broad overview of the variety of opportunities available in the motion picture and television production industry's specialized trades sectors—such as stagecraft, set dressing, carpentry fabricating, grip, editing in cinematography/camera, costume manufacturing, make-up, studio electrical lighting, set painting, and scenic artists. It allows the teachers and students alike to determine if a career in this field is something the student is passionate about pursuing. The course also includes life skills and computer skills related to the industry.

### 105 Stagecraft in Film, TV, and Video Production (6)

*Prerequisite: Film Production 100*

This course introduces students to the operation of all tools, saws, and equipment needed in the Stagecraft field. It includes measuring and performing necessary calculations, drawing, reading blue prints, using hardware, as well as properly hanging doors, windows and building flats. The course incorporates job-related paperwork, interaction with other crafts, computer skills and workplace safety. It also includes the written and verbal communication skills, work ethics and job-seeking skills.

### 110 Set Dressing Crafts in Film, TV, and Video Production (6)

*Prerequisite: Film Production 100*

This course introduces students to the basic skills and principles of set dressing—and the use of tools, moving, pulling orders, packing and unpacking, loading, rope and knots, setting up the set, fluffing, measuring and calculations, identification and labeling, esthetics of decorating, shopping. The course incorporates job-related paperwork, interaction with other crafts, computer skills and workplace safety. It also includes the written and verbal communication skills, work ethics and job-seeking skills.

### 115 Grip Crafts in Film, TV, and Video Production (6)

*Prerequisite: Film Production 100*

This course will introduce students to the job responsibilities of the following different types of grips: 1. key grip or grip boss—the foreman of the grip department; 2. best boy grip or second company grip, who assists the key grip in logistical issues, such as scheduling crew and equipment rental; 3. third grip, company grip or gang grip, who work the set and take direction from the key; 4. construction grip, who constructs and dismantles the set and who are also responsible for building, moving, and adjusting major set pieces (e.g. walls, ceiling flats) when something needs to be moved to get a camera or lights into position; 5. dolly grip, who operates the dollies; and 6. crane operator, who operates the camera crane.

### 120 Camera/Digital Utility Crafts in Film, TV, and Video Production (6)

*Prerequisite: Film Production 100*

This course introduces students to the basic skills of Loader, Digital Utility and Second Camera Assistant. It includes an introduction to the camera, an overview of the job, focusing on loading, collaboratively working with the crew, and life skills on location and in the studio. It also includes practice in using digital camera technology.

### 121 Camera Assistant/Digital Utility Lab (1)

*Prerequisite: Film Production 100*

This laboratory course, taken in conjunction with Film Production Crafts 120, introduces students to the basic skills of Loader, Digital Utility and Second Camera Assistant. It includes an introduction to the camera, an overview of the job, focusing on loading, collaboratively working with the crew, and life skills on location and in the studio. It also includes practice in using digital camera technology.

### 125 Editing Crafts in Film, TV, and Video Production (6)

*Prerequisite: Film Production 100*

This course prepares students for the position of a union apprentice editor. Students will gain all the knowledge necessary to meet the editor's guild requirements for apprenticeship. The course will teach students the role of the editing room in the film making process and give hands on experience with Logging & capturing media, maintaining an editing room, and apprentice editor duties including basic office skills.

**130 Costume Manufacturing Crafts in Film, TV, and Video Production (6)**

*Prerequisite: Film Production 100*

This entry-level costume class teaches students the fundamentals of costume manufacturing. Students learn how to take designs and create stage, movie, and television costumes with sewing skills and other techniques they've acquired. They also are schooled in the countless fabrics and textures utilized by the professionals.

**140 Set Lighting Crafts in Film, TV, and Video Production (6)**

*Prerequisite: Film Production 100*

This course will introduce students to the craft of the studio electrical lighting technician: how to safely and correctly handle and operate lighting instruments, stands, mounting equipment, and power distribution systems and how to safely and effectively use the basic hand tools and expendable supplies of the craft.

**145 Set Painting Crafts in Film, TV, and Video Production (6)**

*Prerequisite: Film Production 100*

In this course, students learn how to prepare surfaces such as wood, metals, and plastics for acceptance of various paints, as well as tools used in the preparation process, preparation materials, such as Spackle and Bondo, types of paints, safe handling, use, and storage of materials, weather and other environmental concerns, the steps of paint preparations, such as Prepping, Priming, Sub-Finishing, Finishing, and Clear Finishes (Sealers). Learning these skills from experienced union professionals in set painting, the students leave the program with confidence and knowledge on how to utilize these things to create just the right look for the job.

**150 Scenic Artists Crafts in Film, TV, and Video Production (6)**

*Prerequisite: Film Production 100*

In this course, students learn how to create the realistic back drops that are so often used in television shows and motion pictures. In learning these skills, they first learn about the rudimentary aspects of paints and brushes. Then they learn about techniques, like projections, that allow them to create stunningly realistic settings. Some of the skill sets acquired in the scenic class are marbleizing, wood graining, and rust ageing.

**185 Directed Study (1)****285 Directed Study (2)****385 Directed Study (3)**

*Prerequisite: Film Production 100*

Directed Study classes allow a student to pursue directed study in Film Production Crafts areas on a contract basis under the direction of a supervising instructor.

**911 Cooperative Education (1)****931 Cooperative Education (3)****941 Cooperative Education (4)**

*Prerequisite: Film Production 100*

This course provides students with the opportunity to receive training and experience in various jobs within the Film Production Crafts field. Furthermore, it helps the student acquire knowledge, skills and attitudes essential for successful employment.

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## FINANCE

**2 Investments (3) CSU**

This course covers the analysis of stocks and bonds, mutual funds, real estate trusts, commodities and related investments. Functions and operations of the investment market are also studied.

**8 Personal Finance and Investments (3) CSU**

This course is comprised of lectures, discussions and practice with regard to one's personal financial activities. Particular attention is given to consumer credit, life and property insurance, savings plans, taxes, retirement plans, estate transfers, securities, and miscellaneous investments.

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## FIRE TECHNOLOGY

**27 Wildland Firefighter (4) CSU**

This course prepares students for entry-level employment with public safety departments and other agencies that cross-train personnel for law enforcement and wildland fire suppression duties.

**201 Fire Protection Organization (3) CSU**

This course is an introduction to the fire service and fire protection, including examining careers in fire departments and related fields. Also covered will be the history of fire protection, causes of loss by fire, and public and private protection services. Also discussed will be the organization of fire departments, fire prevention, fire-fighting tactics, tools, equipment, apparatus, and alarm and water systems. This course includes field trips.

**202 Fire Prevention Technology (3) CSU**

This course prepares students to make effective, complete and legal inspections by knowing fire prevention concepts. The course includes history, organization, laws, and causes of fires, procedures, techniques, enforcement, and record keeping.

**203 Fire Protection Equipment and Systems (3) CSU**

The student will learn about fire detection, alarm, and protection systems. It is oriented toward public safety departments and other agencies that cross-train law enforcement and fire suppression personnel.

**204 Building Construction for Fire Protection (3) CSU**

This course examines building construction as it relates to fire control. It is oriented toward public safety departments and other agencies that cross-train law enforcement and fire suppression personnel.

**205 Fire Behavior and Combustion (3) CSU**

Students will study fire chemistry and physics. It is oriented toward public safety departments and other agencies that cross-train law enforcement and fire suppression personnel.

### 207 Wildland Fire Control (3) CSU

This course provides information relating to Incident Command System and how it is used to control, order and assign resources on wildland fires. The course will survey the methods used to suppress wildland including the use of water, fire retardants, hand crews, bulldozers, aircraft and back firing. The California mutual aid plan and the process for its implementation will also be covered.

### 209 Fire Tactics and Strategy (3) CSU

This course covers the application of tactics and strategies to various types of fires. It is oriented toward public safety departments and other agencies that cross-train law enforcement and fire-fighting personnel.

### 210 Fire Company Organization and Procedure (3) CSU

This course introduces the student to the organization and management of a fire department and its relationship to other governmental agencies. Emphasis is on fire service leadership, management and supervision from the perspective of the company officer.

### 213 Fire Investigation (3) CSU

This course covers methods of determining point of origin, path of fire travel, and fire causes. It also covers recognizing and preserving evidence, interviewing witnesses, and understanding arson laws.

### 216 Fundamentals of Personal Fire Safety & Emergency Action (3) CSU

This course introduces the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue. Upon completion of this course, students should be able to establish and manage a safety program in an emergency service organization.

### 217 Fire Apparatus (3) CSU

This course covers the principles of fire apparatus operating for public safety departments and other agencies that cross-train law enforcement and fire suppression personnel.

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## FRENCH

### 1 Elementary French I (5) UC:CSU

*Corequisite: French 101.*

This course stresses the fundamentals of pronunciation and grammar, practical vocabulary, useful phrases, and the ability to understand, read, write and speak simple French. Extensive use is made of films, slides and tapes to convey the language, culture and customs of France.

### 2 Elementary French II (5) UC:CSU

*Prerequisite: French 1 with a grade of "C" or better, or two years of high school French or equivalent. Corequisite: French 101.*

This course completes the basic grammar of the French language. Videos are employed to develop an understanding of French culture and history, improve comprehension, enrich vocabulary, and serve as topics for discussions and written compositions.

### 3 Intermediate French 1 (5) UC:CSU

*Prerequisite: French 2 with a grade of "C" or better, or three years of high school French or equivalent.*

This course provides a review of the fine points of grammar and seeks to perfect fluency, comprehension and cultural knowledge through dramatic films, short novels, poetry, plays, music and magazines.

Note: Acceptable for French 4 credit at UCLA.

### 4 Intermediate French II (5) UC:CSU

*Prerequisite: French 3, or four years of high school French.*

This course continues to refine speaking, reading and writing comprehension skills through literary and visual media.

### 5 Advanced French I (5) UC:CSU

*Prerequisite: French 4.*

This course continues the study of advanced composition and grammar through the use of literature, film and music. The readings are the basis for regular composition works and student discussions in French.

### 6 Advanced French II (5) UC:CSU

*Prerequisite: French 5.*

This course completes the study of advanced composition and grammar through the use of literature, film, and music. The readings are the basis for regular composition works and student discussions in French.

### 8 Conversational French (2) CSU (RPT 3)

This course consists of practical, conversational material based on everyday experiences and current events. Not open to native speakers of French.

### 10 French Civilization (3) UC:CSU

This course consists of lectures and discussions in English on the geography, history, government and institutions of France; the life and customs of its people; literature, arts and sciences; and its contributions to civilization. It is especially recommended to all students of French.

### 101 French Language Laboratory (1) CSU (RPT 3)

A mediated, independent study course which allows students to enhance their French language skills through audio, video, and computer work in the language lab.

### 185 Directed Study - French (1) CSU

### 285 Directed Study - French (2) CSU

### 385 Directed Study - French (3) CSU

Allows a student to pursue Directed Study in French on a contract basis under the direction of a supervising instructor. Note: Maximum UC credit allowed: 3-1/3 semester units per semester, 6 units total in all or all appropriate subject areas combined. Please note that the granting of transfer credit for courses of this kind is contingent upon a review of the course outline by a UC campus.