



WEST LOS ANGELES COLLEGE  
2018 – 2020 CATALOG

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PAGES:

172 - 176

SECTION:

Courses – Beginning with Letter “F”

# COURSES

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## ENVIRONMENTAL SCIENCE

(ENV SCI)

(Also see Earth Science.)

### ENV SCI 001 Introduction to Environmental Science (3) UC/CSU

Environmental Science is an introductory course which discusses the effects of humans on their physical environment. Topics include air pollution, water pollution, energy & mineral resources, and climate change.

### ENV SCI 002 The Human Environment: Biological Processes (3) UC/CSU

*Advisory: ENGLISH 28 and MATH 105.*

This is a course in basic ecology and the effects of humans on their environment which fulfills a non-laboratory life science requirement. Topics include ecological structure and function, population dynamics, use of natural resources, energy, pollution and man's impact on the survival of plant and animal species.

### ENV SCI 024 Global Climate Change (3) CSU

Climate change is an important and controversial topic. This course covers how the climate system operates today, records of Earth's ancient climate and environments, evidence for modern climate change, and potential impacts to environments and societies based on current predictions.

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## FAMILY AND CONSUMER STUDIES

(FAM &CS)

### FAM &C 021 Nutrition (3) UC/CSU

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.

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## FILM PRODUCTION

(FLM PRD)

### FLM PRD 100 Intro to Motion Picture and TV Production Crafts (3) CSU

This lecture based course provides a broad overview of the entertainment industry including how the world of movies, television and new media is structured and the major processes in content production. The course has a career focus, exploring the entertainment industry's specialized trades sectors - such as stagecraft, set dressing, carpentry, grip, apprentice editing, camera loading, costume manufacturing, make-up, lighting, set painting, sound, and digital production (visual effects, gaming, virtual reality and animation). Students will learn terminology and protocols used on motion picture and television sets, and practice the kind of professionalism employers expect of them in an industry job. Additionally, students will be exposed to industry resources, unions, guilds, libraries, web sites and publications relevant to employment in the industry, and practice 'life skills' which will help them manage

life both on set and off. This is the introductory course for any student pursuing a certificate of achievement in Film Production and TV Crafts.

### FLM PRD 101 Production Skills (3) CSU

*Prerequisite: FLM PRD 100 with a grade of "C" or better.*

The purpose of this class is to provide students with a hands-on overview of the responsibilities of an entry-level crew member in the major craft and technician departments in the motion picture, television and stage industry including camera, grip, set dressing, costume, set lighting, set painting, sound, editing, digital production, and stagecraft. The class will introduce you to the basic skills, tools, terminology, safety protocols and work habits specific to each department. This knowledge will allow you to make an informed decision as to whether you would like to pursue further studies in a particular craft. Participants must be able to lift a minimum of 50 lbs.

### FLM PRD 103 Tools and Rigging for Production Crafts (3) CSU

*Prerequisite: FLM PRD 100. with a grade of "C" or better.*

This course is highly recommended for students wishing to pursue study in the following crafts: grip, set dressing, stagehands, set lighting and set painting. The course introduces students to the safe use of hand and power tools and common hardware. Operation and safety instruction will be given on both portable and stationary power tools, hand tools, pneumatic tools, rigging hardware, aerial platforms, spray guns, etc. Participants must be able to lift a minimum of 50 lbs.

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

*Prerequisite: FLM PRD 100. with a grade of "C" or better.*

Stagehands are technicians who construct and erect sets, rig electrical equipment and lighting, route and mix audio and manage props for live productions and specialized television applications. The class will introduce students to the fundamentals of stagecraft, including basic construction, rigging, electrical, lighting and audio support. This course provides instruction on the proper operation of all tools and equipment used in stagecraft. Students will learn how measure accurately, perform necessary calculations, read blue prints, set-up and test back line equipment, run audio and electrical cabling, rig lights and build and erect simple flats. The course also incorporates instruction on job-related paperwork, interaction with other crafts, basic computer skills, workplace safety, written and verbal communication, work ethics and job-seeking skills.

### FLM PRD 106 Tech Literacy for Production & Post (3) CSU

*Prerequisite: FLM PRD 100 with a grade of "C" or better.*

This course is highly recommended for students wishing to pursue study in the following crafts: camera, sound, editing and digital production. This class provides students with an overview of entertainment industry technical topics and trends, including an introduction to the major audio and video file formats and codecs; computer hardware and software fundamentals; current industry technical trends; Microsoft excel; file organization; data storage solutions; software, internet and cloud-based applications commonly used by the studios. Knowledge of these topics are considered foundational for these craft pathways.

## **FLM PRD 110 Set Dressing Crafts in Film, TV, and Video Production (6) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

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.

## **FLM PRD 110A Set Dressing Crafts A (4) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

In film and television, the art department creates the physical environment in which stories take place. The set decorator and his/her staff (such as the lead person, buyers and set dressers) are responsible for locating and staging the 'set dressing' -- furniture, rugs, lighting fixtures and the like -- that contributes to telling the story according to the vision of the production designer and director, writer(s) and producer(s). This course teaches the entry-level skills for set dressing, including the history and evolution of the craft, movements in art history, architecture and interior design, and hands-on instruction in craft tools, equipment, techniques, and terminology. A strong emphasis will be placed on workplace safety and professionalism. Participants must be able to lift a minimum of 50 lb.

## **FLM PRD 110B Set Dressing Crafts A (3) CSU**

*Prerequisite:* FLM PRD 110A

This course will cover intermediate-level skills, techniques and concepts within the craft of set dressing. Students will shop for and dress sets for student productions, practice with tools, equipment, and expendables of the craft and be introduced to common production paperwork. Field work on entertainment industry sets, and documentation of those experiences, is a component of this course. A strong emphasis will be placed on workplace safety and professionalism. Students must be able to lift a minimum of 50 lb.

## **FLM PRD 115 Grip Crafts in Film, TV, and Video Production (6) (RPT 3) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

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.

## **FLM PRD 115A Grip Crafts A (4) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

This course will introduce students to the craft of the motion picture and television grip technician, beginning with the study of basic concepts in rigging, mounting, and carpentry. Students will learn industry terminology and the basic handling of tools, equipment, and expendables of the craft. A strong emphasis will be placed on

workplace safety and professionalism. Participants must be able to lift a minimum of 50 lbs.

## **FLM PRD 115B Grip Crafts B (4) CSU**

*Prerequisite:* FLM PRD 115A with a grade of "C" or better.

This course will cover intermediate-level skills, techniques and concepts within the grip craft. Students will set up and problem-solve rigging, mounting and camera movement scenarios, practice with tools, equipment, and expendables and be introduced to common production paperwork. Field work on entertainment industry sets, and documentation of those experiences, is a component of this course. A strong emphasis will be placed on workplace safety and professionalism. Students must be able to lift a minimum of 50 lb.

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

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

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.

## **FLM PRD 121 Camera Assistant/Digital Utility Lab (1) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

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.

## **FLM PRD 125 Editing Crafts in Film, TV, and Video Production (6) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.

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.

## **FLM PRD 126 Introduction to Editing Crafts (3) CSU**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.

This course is an introduction to the craft of video editing, with an emphasis on fundamental concepts and a focus on the role and responsibilities of the assistant editor. The approach will be project-based, with students learning and developing digital workflows by shooting or ingesting footage from a variety of sources, transcoding it into an editing-friendly codecs, logging it, and then assembling it into sequences. Completed work will be compressed and uploaded to internet practice sites. A student emerging from this class will have a solid technical foundation for the further study of video editing, and an understanding of what will be expected of them in most entry-level editing positions. THE COURSE REQUIRES STRONG COMPUTER AND ORGANIZATIONAL SKILLS.

# COURSES

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## **FLM PRD 127 Editing Crafts Lab 1 (2) CSU**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.  
This lab course will allow students to practice their video editing and post-production skills via exercises and projects. It will also cover tools, settings and menu options in video editing applications as well as editing concepts and techniques.

## **FLM PRD 128 Editing Crafts Lab 2 (1) CSU**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.  
This lab course will allow students to practice their video editing and post-production skills via exercises and projects. It will also cover tools, settings and menu options in video editing applications as well as editing concepts and techniques.

## **FLM PRD 129 Intermediate Editing Crafts (3) CSU**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.  
This course covers intermediate concepts and techniques in video editing and post production, with an emphasis on understanding more advanced digital work flows, becoming familiar with current software used in post-production, and basic visual effects and sound editing. The approach will be project-based, with students editing projects of different genres and formats. Students will act as both editor and assistant on a variety of projects. THIS COURSE REQUIRES STRONG COMPUTER AND ORGANIZATIONAL SKILLS.

## **FLM PRD 130 Costume Manufacturing Crafts in Film, TV, and Video Production (6) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.  
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.

## **FLM PRD 140 Set Lighting Crafts in Film, TV, and Video Production (6) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.  
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.

## **FLM PRD 140A Set Lighting Crafts A (4) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.  
This course will introduce students to the craft of the motion picture and television lighting technician, beginning with a study of basic concepts in lighting design, electricity, and power distribution systems. Students will learn industry terminology and the basic handling of tools, equipment, and expendables of the craft. A strong emphasis will be placed on workplace safety and professionalism. Participants must be able to lift a minimum of 50 lb.

## **FLM PRD 140B Set Lighting Crafts B (3) CSU**

*Prerequisite:* FLM PRD 140A with a grade of "C" or better.  
This course will cover intermediate-level skills, techniques and concepts within the craft of set lighting. Students will set up and problem-solve lighting scenarios, practice with tools, equipment, and expendables of the craft and be introduced to common production paperwork. Field work on entertainment industry sets,

and documentation of those experiences, is a component of this course. A strong emphasis will be placed on workplace safety and professionalism. Students must be able to lift a minimum of 50 lb.

## **FLM PRD 145 Set Painting Crafts in Film, TV, and Video Production (6) CSU**

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.  
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.

## **FLM PRD 146 Set Painting Crafts (3) CSU**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.  
This course will introduce students to the craft of set painting for motion pictures and television. Students will learn how to prepare surfaces for acceptance of various paints, the steps of paint preparation and color mixing, and finishing techniques including aging, staining and texturizing surfaces. Students will learn industry terminology and the handling of tools, equipment, and expendables of the craft. A strong emphasis will be placed on workplace safety and professionalism. Participants must be able to lift a minimum of 50 lb.

## **FLM PRD 147 Set Painting Lab 1 (3) CSU**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.  
This lab course will allow students to practice the basic skills of a set painter via exercises, demonstrations and production simulations. It also covers hands-on instruction in craft tools, equipment, techniques, and terminology. A strong emphasis will be placed on workplace safety and professionalism. Participants must be able to lift a minimum of 50 lb.

## **FLM PRD 148 Set Painting Lab 2 (2)**

*Prerequisite:* FLM PRD 100 & 101 with a grade of "C" or better.  
This lab course will allow students to practice the basic skills of a set painter via exercises, demonstrations and production simulations. It also covers hands-on instruction in craft tools, equipment, techniques, and terminology. A strong emphasis will be placed on workplace safety and professionalism. Participants must be able to lift a minimum of 50 lb.

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

*Prerequisite:* FLM PRD 100 with a grade of "C" or better.  
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.

## **FLM PRD 185 Directed Study (1) CSU**

Prerequisite: FLM PRD 100 with a grade of "C" or better.  
This Directed Study class allows a student to pursue directed study in film, television, stagecraft, and new media production crafts areas on a contract basis under the direction of a supervising instructor.

## **FLM PRD 200 Introduction to Photoshop and Illustrator (3) CSU**

Students will develop an understanding of the core principles of digital art and design, with an emphasis on techniques practiced in the visual effects industry. The course covers the fundamentals of digital art using Photoshop and Illustrator: color theory, composition, software tools, image formats, image creation and manipulation, and the fundamentals of compositing. In addition, students will get an overview of workflows and job pathways in the visual effects industry.

## **FLM PRD 202 Visual Effects and Motion Graphics (3) CSU**

Students will learn to use Adobe After Effects to create motion graphics with text and animation, with an emphasis on techniques practiced in the visual effects industry. Tools such as key frames, motion paths and masks will be used to create visual effects and motion graphics projects and students will explore common workflows and job pathways in post-production and visual effects.

## **FLM PRD 205 2D Digital Production (3) CSU**

This course provides a foundation in narrative, visual and concept design for all digital production classes. Students will create characters, props and backgrounds within a story board animatic. There will be a focus on the traditional principals of 2D animation, including physics of movement and staging 2D characters in scenes while incorporating performance, emotion, dialogue and camera placement.

## **FLM PRD 207 CG Production (4) CSU**

This course introduces students to 3-D modeling, texture, lighting, rigging, and animation in projects using three-dimensional software. Students will gain familiarity with the software's expansive interface and gain basic proficiency in 3-D digital production workflows.

## **FLM PRD 212 Production Team (3) CSU**

This course exposes students to project management from concept to completion within the digital production field. Students will collaborate to create a project from pre-production through production, including scheduling, budget management, and team building.

## **215 Demo Reel (2) CSU**

This course focuses on creating an industry standard demo reel utilizing the software focused on the student's major area of study. In addition to a demo reel the student will create a personal website, business cards, and resume.

## **FLM PRD 285 Directed Study (2)**

Prerequisite: FLM PRD 100 with a grade of "C" or better.  
This Directed Study class allows a student to pursue directed study in film, television, stagecraft and new media production crafts areas on a contract basis under the direction of a supervising instructor.

## **FLM PRD 290A Production Crafts Lab A (1)**

Prerequisite: FLM PRD 100 with a grade of "C" or better.  
This lab course will allow students to practice their collaborative skills via production exercises and projects.

## **FLM PRD 290B Production Crafts Lab B (1)**

Prerequisite: FLM PRD 100 with a grade of "C" or better.  
This lab course will allow students to practice their collaborative skills via production exercises and projects.

## **FLM PRD 291A Post Production Lab A (1) CSU**

Prerequisite: FLM PRD 100 with a grade of "C" or better.  
This lab course will allow students to practice their collaborative skills via post production exercise and projects.

## **FLM PRD 385 Directed Study (3)**

Prerequisite: FLM PRD 100 with a grade of "C" or better.  
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.

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## **FINANCE**

### **(FINANCE)**

#### **FINANCE 001 Principles of Finance (3) CSU**

This course is designed to cover the markets in which funds are traded, the financial institutions that participate in and aid the flow of funds, and the principles of financial management that guide the participants in making sound decisions.

#### **FINANCE 002 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.

#### **FINANCE 008 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**

### **(FIRETEK)**

#### **FIRETEK 027 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.

#### **FIRETEK 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

# COURSES

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tactics, tools, equipment, apparatus, and alarm and water systems. This course includes field trips.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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.

## **FIRETEK 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 (FRENCH)**

### **FRENCH 001 Elementary French I (5) UC/CSU**

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.

### **FRENCH 002 Elementary French II (5) UC/CSU**

*Prerequisite: FRENCH 001 with a grade of "C" or better, or two years of high school French or equivalent.*

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.

### **FRENCH 003 Intermediate French 1 (5) UC/CSU**

*Prerequisite: FRENCH 002 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.

### **FRENCH 004 Intermediate French II (5) UC/CSU**

*Prerequisite: FRENCH 003, or four years of high school French.*

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

### **FRENCH 008 Conversational French (2) CSU**

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

### **FRENCH 101 French Language Laboratory (1) CSU**

An independent course in which students improve their reading, writing, speaking and comprehension skills by use of audio materials.