

E S 91X Environmental Education and Nature Based Learning 2 Units
E S 91Z 4 Units

(Formerly Environmental Studies 100X and 100Z respectively.)
 Credit course - Does not apply to De Anza Associate degree.
 (Local field trips may be required.)

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Two hours lecture for the two unit course, four hours lecture for the four unit course.

Environmental education for educators emphasizing environmental and ecological concepts, nature-based learning and other curricula, interpretive techniques, development of classroom lesson plans, a review of field trip sites and other resources available to educators. The Cheeseman Environmental Studies Area and local field trip sites will be explored. Teaching environmental curricula to various cultural, ethnic and socioeconomic groups will be discussed.

E S 95 Introduction to Environmental Careers 1 Unit

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

One hour lecture.

Learn about saving the planet through environmental careers, including ecosystem management, restoration ecology, corridors ecology, energy management technology, environmental stewardship, environmental education, watershed management, environmental law, pollution prevention and more. Opportunities for internships and employment in business, industry, public agencies, academia and nonprofit agencies will be explored. Students will prepare an academic plan for their two- or four-year degree, certificate or workplace.

E S 95A Environmental Studies Internship 1 Unit

E S 95B 2 Units

E S 95C 3 Units

E S 95D 4 Units

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

One hour lecture for each unit of credit.

A work experience internship seminar that may be taken concurrently with Cooperative Education 50. The seminar will prepare student interns for internships in business, industry or government related to the student's field of study. The internship must occur during the last year of study prior to completion of a degree or certificate program.

Film and Television Production

F/TV 1 Introduction to Film 4 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5.

(Also listed as English Literature 1. Student may enroll in either department, but not both, for credit.)

Four hours lecture.

An introduction to the international art of cinema through the techniques and procedures of filmmaking, including screenwriting, cinematography, directing, editing, and sound; through the formal properties of film, such as mise-en-scene, structure, and style; through the relationships between film and society, and through the critical analysis of works of film art.

F/TV 2A History of Cinema (1895-1950) 4 Units

F/TV 2AW 4 1/2 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5.

(Student may enroll in either Film/Television 2A or Film/Television 2AW, but not both, for credit.)

Four hours lecture and one-half hour additional lecture for each one-half unit, as an additional one-half hour lecture per week or as two additional three hour lecture meetings per quarter.

A survey of the international development of the motion picture to 1950 as a distinct form of artistic expression, through classic films, notable artists, and key events; an investigation of the aesthetic, technological, economic, and social factors that contributed to the evolution of film; an examination of the value systems reflected in and shaped by these works from diverse cultures. Film/Television 2AW will cover expanded topics in historiography, such as problems and approaches to historical film research and analysis.

F/TV 2B History of Cinema (1950-Present) 4 Units

F/TV 2BW 4 1/2 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5.

(Student may enroll in either Film/Television 2B or Film/Television 2BW, but not both, for credit.)

Four hours lecture and one-half hour of additional lecture for each one-half unit, as an additional one-half hour lecture per week or as two additional three hour lecture meetings per quarter.

A survey of the international development of the motion picture since 1950 as a distinct form of artistic expression, through classic films, notable artists, and key events; an investigation of the aesthetic, technological, economic, and social factors that contributed to the evolution of film; an examination of the value systems reflected in and shaped by these works from diverse cultures. Film/Television 2BW will cover expanded topics in historiography, such as problems and approaches to historical film research and analysis.

F/TV 10 Introduction to Electronic Media 4 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5.

(Also listed as Humanities 17. Student may enroll in either department, but not both, for credit.)

Four hours lecture, one additional hour to be arranged.

A survey course of the history, aesthetics, technology and social impacts of electronic media, including film, broadcasting and the Internet. Explores the role of government, advertising, audiences, and emerging technologies, their futures and impacts on global societies.

F/TV 20 Basic Digital Film/Video Production 4 Units

Corequisite: Film/Television 20 students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Three hours lecture, three hours laboratory.

Digital video production, film-style production techniques including mini-DV and HDV formats; camera operation and procedures, basic principles and techniques of sound and scriptwriting; and film and nonlinear editing.

F/TV 22 16mm Film Production I 4 Units

Prerequisite: Film/Television 20.

Corequisite: Film/Television 22 students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.

Three hours lecture, three hours laboratory.

Logistics, scriptwriting, sound recording, film and sound editing. Methods by which visual and aural elements of a motion picture may be organized. The study and analysis of exemplary motion pictures as well as of the student's own work.

F/TV 41 Film Genres 4 Units

Advisory: English Writing 1A or English as a Second Language 5.

(Also listed as English Literature 3. Student may enroll in either department, but not both, for credit.)

Four hours lecture.

(Any combination of Film/Television 41 and English Literature 3 may be taken up to three times for credit as long as the topic matter is different each time.)

Analysis of specific film genres such as action-adventure, comedy, film noir, gangster, horror, musical, science fiction, thriller, war film or western within global, historical, social, cultural, industrial and aesthetic contexts. The genre studied changes each quarter (see subtitle in quarterly class schedule).

F/TV 42 National Cinemas 4 Units

Advisory: English Writing 1A or English as a Second Language 5.

(Also listed as English Literature 4. Student may enroll in either department, but not both, for credit.)

Four hours lecture.

(Any combination of Film/Television 42 and English Literature 4 may be taken up to three times for credit as long as the topic matter is different each time.)

Analysis of selected national cinemas in terms of major periods, themes and formal parameters, and in relation to both national and international cultural histories. The national cinema studied changes each quarter (see subtitle in quarterly class schedule).

F/TV 43 Film Artists 4 Units

Advisory: English Writing 1A or English as a Second Language 5.

(Also listed as English Literature 5. Student may enroll in either department, but not both, for credit.)

Four hours lecture.

(Any combination of Film/Television 43 and English Literature 5 may be taken up to three times for credit as long as the topic matter is different each time.)

Analysis of the works of specific film artists, such as directors, Alfred Hitchcock or Orson Welles; or analysis of the works of artists practicing a specific film craft, such as screenwriting, acting, cinematography or editing. The topic studied changes each quarter (see subtitle in quarterly class schedule).

F/TV 45 History of Experimental Film/Video 4 Units

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Four hours lecture.

History and development of experimental film/video; origins in European experimental cinema, American underground film, avant-garde painting, sculpture, music and theater. Evolution of experimental video and electronic developments.

F/TV 48	Cinema and the African American (An Historical Analysis of African Americans in American Cinema)	4 Units
<i>(See general education pages for the requirement this course meets.)</i>		
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>		
<i>(Also listed as Intercultural Studies 14 and English Literature 6. Student may enroll in only one department, for credit.)</i>		
<i>Four hours lecture, one additional hour to be arranged.</i>		
A survey of the image and role of the American film industry in the United States. Particular attention will be given to the development of images of racial stereotypes, those works attempting an historical portrayal of the African American experience and the roles played by key African Americans in the evolution of film as an art and North American feature films as an industry.		
F/TV 50	Introduction to Film/Television Directing	4 Units
<i>Prerequisite: Film/Television 20.</i>		
<i>Corequisite: Film/Television 50 students must also enroll in Film/Television 54, 54X, 54Y, or 54.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
<i>(May be taken two times for credit.)</i>		
Development and execution of short, single-camera-style projects focusing on the skills of directing and editing.		
F/TV 51A	Intermediate Digital Film and Video Production	4 Units
<i>Prerequisite: Film/Television 20 or 55A.</i>		
<i>Corequisite: Film/Television 51A students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
Principles of digital video in the preproduction and production of a short project using camcorders, lighting and sound equipment and post production digital editing.		
F/TV 52A	16mm Film Production II	4 Units
<i>Prerequisite: Film/Television 22.</i>		
<i>Corequisite: Film/Television 52A students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
Advanced sound film editing, laboratory procedures, interior and exterior lighting techniques, color cinematography. Emphasis on individual student projects.		
F/TV 52B	16mm Film Production III	4 Units
<i>Prerequisite: Film/Television 22 and 52A.</i>		
<i>Corequisite: Film/Television 52B students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
<i>(May be taken two times for credit as long as the topics are different each time.)</i>		
Advanced production and post-production techniques, including sync-sound production and editing, music editing, preparing for the sound mix. Emphasis on individual projects.		
F/TV 53	Non-linear Editing	4 Units
<i>Prerequisite: Film/Television 20.</i>		
<i>Corequisite: Film/Television 53 students must also enroll in Film/Television 54, 54X, or 54Y.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
Concepts and techniques of non-linear digital film and video editing, including organization of the editing process, working the timeline and audio editing, with emphasis on the principles and aesthetics of film and video editing.		
F/TV 54	Film/Television Production Laboratory	1/2 Unit
F/TV 54X		1 Unit
F/TV 54Y		2 Units
F/TV 54Z		3 Units
<i>Corequisite: Film/Television 54 students must also enroll in a Film/Television production course.</i>		
<i>Three hours laboratory for each unit of credit.</i>		
<i>(Any combination of Film/Television 54, 54X, 54Y, and 54Z may be taken up to six times, not to exceed 18 units for the family of courses.)</i>		
Supervised use of film and television laboratory equipment and facilities to fulfill assigned projects in other film and television production courses.		
F/TV 55A	Video Studio Production	4 Units
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
An introduction to multi-camera television studio production, the basic procedures and techniques, with emphasis on camera, audio, graphics, scripting, directing and producing.		
F/TV 57A	Nonfiction Workshop I: The Documentary	4 Units
<i>(Formerly Film/Television 57.)</i>		
<i>Prerequisite: Film/Television 20.</i>		
<i>Corequisite: Film/Television 57A students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
<i>(May be taken two times for credit.)</i>		
Nonfiction concepts, principles and techniques as related to the production of a documentary video. Examination of the historical roots in nonfiction film and television. Emphasis on extensive production work in documentary programs.		
F/TV 57B	Nonfiction Workshop II: The Documentary	4 Units
<i>Prerequisite: Film/Television 57A.</i>		
<i>Corequisite: Film/Television 57B students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
<i>(May be taken two times for credit.)</i>		
Advanced techniques in nonfiction film and television, including cinematography, sound, lighting, post-production editing, and directing. Analysis of the modern film and television documentary. Emphasis on production of a documentary video.		
F/TV 58R	Film/Television Production Workshop	1/2 Unit
F/TV 58S		1 Unit
F/TV 58T		2 Units
F/TV 58U		3 Units
F/TV 58V		4 Units
F/TV 58W		5 Units
F/TV 58X		6 Units
F/TV 58Y		7 Units
F/TV 58Z		8 Units
<i>Prerequisite: Film/Television 20.</i>		
<i>Two hours lecture-laboratory for each unit of credit.</i>		
<i>(Any combination of Film/Television 58R-Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)</i>		
A workshop in film or video production in which the student works independently or with a crew to produce a film or video to refine skills in cameras, lighting, directing, post-production, and other related skills. The number of units is dependent on the production.		
F/TV 59	Role of the Media Producer	4 Units
<i>Advisory: Film/Television 20 or 55A; English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 210 or equivalent.</i>		
<i>Four hours lecture.</i>		
Roles and responsibilities of the media producer. Skills and knowledge required in developing a production proposal; including development, audience analysis, location scouting, production schedule, and budgeting.		
F/TV 60A	Scriptwriting for Film and Video I	4 Units
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>		
<i>Four hours lecture.</i>		
Introduction to scriptwriting for film and video; the role of the script in media production; format and structure in the script; the basic skills of scriptwriting for fiction and nonfiction.		
F/TV 60B	Scriptwriting for Film and Video II	4 Units
<i>Prerequisite: Film/Television 60A.</i>		
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>		
<i>Four hours lecture.</i>		
Intermediate course in scriptwriting for fiction and nonfiction film and video projects; examination of structure and characterization in dramatic narrative; consideration of approach and structure in nonfiction; emphasis on development and revision of script projects.		
F/TV 60C	Scriptwriting for Film and Video III	4 Units
<i>Prerequisite: Film/Television 60B.</i>		
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>		
<i>Four hours lecture, one additional hour to be arranged.</i>		
Advanced course in scriptwriting for fiction and non-fiction film and video projects; examination of classical and experimental structures in fiction and non-fiction; further practice in the development and revision of script projects.		
F/TV 61	TV Scriptwriting for Training and Communications	4 Units
<i>Prerequisite: Film/Television 60A.</i>		
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>		
<i>Four hours lecture, one additional hour to be arranged.</i>		
Scriptwriting for business and institutional film and video; structure, format, and elements of programs for information, training, marketing, and corporate communication.		
F/TV 62	Lighting for Television and Film	4 Units
<i>Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent.</i>		
<i>Three hours lecture, three hours laboratory.</i>		
Introduction to the basic principles of studio and location lighting for film, television, animated, and composited production. Focus on evaluation of the aesthetic styles and techniques of media lighting in professional production. An analysis and application of basic electricity, lighting instruments, dimming equipment, light color, media, and gaffer equipment. Practical experience in film and television productions.		

- F/TV 63A Studio and Remote Audio Production 4 Units**
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273; Mathematics 212 or equivalent.
Three hours lecture, three hours laboratory.
 Study of the art and techniques of radio, television, film and media audio recording. Emphasis on preproduction and production in studio and on location. Examines the aesthetics of design and sound mixing, the technologies of analog and digital audio, and manipulation of sound in the aural and recorded environment. Practical experience in media production.
- F/TV 64A Fiction Screenwriting I 4 Units**
Prerequisite: Film/Television 60B or 60C.
Advisory: English Writing 1A or English as a Second Language 5.
Four hours lecture.
 Fictional screenwriting geared toward the planning, outlining and structuring of an original three-act feature-length fiction screenplay and the writing of the first-act.
- F/TV 64B Fiction Screenwriting II 4 Units**
Prerequisite: Film/Television 64A.
Advisory: English Writing 1A or English as a Second Language 5.
Four hours lecture.
 An intensive seminar in writing feature-length fiction screenplays; Practice in the development and completion of a three-act narrative script focusing on plot, character development, arcs, turning points and journeys.
- F/TV 64C Fiction Screenwriting III 4 Units**
Prerequisite: Film/Television 64B.
Advisory: English Writing 1A or English as a Second Language 5.
Four hours lecture.
 An intensive workshop in the re-writing of feature-length fiction screenplays; strengthening the plot, character development, arcs, turning points and journeys; preparing the material for submission to the marketplace; pitching and strategies in breaking into the entertainment industry will be discussed.
- F/TV 65 Current Practices in the Film/Video Profession 4 Units**
Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Four hours lecture.
 Current creative, technical, economic, and employment conditions in film and video as seen by working professionals.
- F/TV 66A Basic Techniques of Animation: 3D Media 3 Units**
(Formerly Film/Television 66.)
Two hours lecture, two hours lecture-laboratory.
 An exploration of the techniques of three-dimensional stop-motion and non-cel animation, as applied to a variety of art media (puppet, clay, pixillation, shadow puppets and other under-camera art media). Principles of movement and timing, lighting and cinematography, and multiplane dimensionality, with application to both computer and traditional drawn animation.
- F/TV 67G Drawing for Animation: Human Figure 3 Units**
Prerequisite: Film/Television 69 (may be taken concurrently).
Two hours lecture, three hours laboratory.
 Life drawing workshop, designed specifically for animators for study of staging, posing, movement, drapery and character design. Exercises include quick gesture drawings, silhouette form composition, constructive drawing techniques, multiple-pose memory sketches and analysis of action to determine key and breakdown drawings. Emphasis on rendering anatomical details of heads and hands and on keeping character volume consistent when drawn from a variety of angles.
- F/TV 67H Drawing for Animation: Animal Expression 3 Units**
Prerequisite: Film/Television 69 (may be taken concurrently).
Two hours lecture, three hours laboratory.
 Drawing workshop, designed specifically for animators and focusing on animals, birds, insects and objects as anthropomorphic characters. Exercises include quick gesture drawings, silhouette form composition, constructive drawing technique and fast-pose memory sketches from live models and reference film. Design and construction of model sheets for both realistic and stylized characters. Analysis of comparative anatomy and locomotion.
- F/TV 67I Drawing for Animation: Layout and Visual Development 3 Units**
Prerequisite: Film/Television 70H.
Two hours lecture, three hours laboratory.
 Drawing and art direction workshop for animators, concentrating on expanding storyboards into full layouts. Development of visual style for an animated film production. Design of props and backgrounds, utilizing one-point, two-point and three-point perspective, and including simulation of elaborate camera movements. Drawn representation of telephoto or wide-angle lens perspective and depth of field.
- F/TV 68 Sound for Animation 3 Units**
Two hours lecture, two hours lecture-laboratory.
 Principles of soundtrack design to accompany the unique properties of the animated image. Aesthetics and techniques of film music. Recording, editing and mixing of voice, music and sound effects using location, studio and library sources. Methods of lip-synched character dialogue, musical synchronization to animation, and sound effects ambiances.
- F/TV 69 Principles of Animation: Character and Motion 3 Units**
Two hours lecture, two hours lecture-laboratory.
 Investigation of the fundamental principles of movement and timing when animating characters or objects, progressing from simple to complex motion. Experience in creating character weight, power and emotion; portraying the forces of nature in "effects" animation and manipulating the quality of the line and the image. Close analysis of the animation technique in exemplary professional films.
- F/TV 70G Screenwriting for Animation 4 Units**
Advisory: Film/Television 66 and/or 69; English Writing 1A or English as a Second Language 5.
Four hours lecture.
 Conceptual development and scriptwriting for animated film. Contrast of the role of the treatment and the script in animation to that in live-action production. Comparison of screenplay formats for television, feature films and short forms. Examination of structure and characterization in dramatic narrative. Investigation of methodology and structure in nonfiction forms of animation.
- F/TV 70H The Animation Storyboard 3 Units**
(Formerly Film/Television 70.)
Advisory: Film/Television 66 and/or 69.
Two hours lecture, two hours lecture-laboratory.
(May be taken two times for credit.)
 Methods of planning and designing animated films using the storyboard technique. Focus on translating concepts into visuals, selecting camera angles and choosing editing style. Exploration of animation's unique cinematic vocabulary and its potential for personal expression, social advocacy and/or literary adaptation.
- F/TV 71 Animated Film Production Workshop 3 Units**
Prerequisite: Film/Television 66A, 69, 84A or consent of instructor.
Two hours lecture, two hours lecture-laboratory.
(Film/Television 71 may be taken up to six times, not to exceed 18 units, as course content is different each time it is offered.)
 Practice in refinement of animation motion design and timing. Development of initial concept stages for a short personal film in any style of animation (e.g. drawn), stop-motion or computer, suitable for public screening, including Creation of storyboards, character models, soundtracks and motion tests. Course content and lecture-demonstration material are driven by student projects and change completely each quarter.
- F/TV 72 Advanced Animation Workshop 3 Units**
Prerequisite: Film/Television 71.
Two hours lecture, two hours lecture-laboratory.
(Film/Television 72 may be taken up to six times, not to exceed 18 units, as course content is different each time it is offered.)
 Creation of visual and audio elements for production of a personal film in any style of animation (e.g. drawn), stop-motion or computer, which can serve both as the student's diploma film and as a professional portfolio piece. Investigation of career options and marketing strategies as they pertain to each project. Formulation of portfolios and demo reels. Course content and lecture-demonstration material are driven by student projects and change completely each quarter.
- F/TV 73 Animation Production Laboratory 1/2 Unit**
F/TV 73X 1 Unit
F/TV 73Y 2 Units
F/TV 73Z 3 Units
Corequisite: Film/Television 73, 73X-Z students must also enroll in an animation production course.
Three hours laboratory for each unit of credit.
(Any combination of Film/Television 73, 73X, 73Y, and 73Z may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)
 Supervised use of film and television laboratory equipment and facilities to fulfill assigned projects in other animation production courses.
- F/TV 75G History of Animation 4 Units**
(See general education pages for the requirement this course meets.)
Advisory: English Writing 1A or English as a Second Language 5.
Four hours lecture.
 An international survey of the historical development of the animated film, from its pre-cinema origins to a contemporary art form, with emphasis on the contributions of major studios, including Bray, Sullivan, Fleischer, Disney, Warner Brothers, UPA, Zagreb, Shanghai, the Canadian Film Board and England's Channel Four, as well as many works by important independent artists. Close analysis of social messages, historical significance and exemplary artistic technique.

F/TV 75H	Classic Hollywood Animation	4 Units	Intensive workshop in a specialized area of computer animation production (e.g. character/prop modeling, texturing, lighting, skeletal articulation; animation, special visual effects or compositing techniques) with an instructor with full-time experience on feature films or national television commercials at a major Bay Area animation studio (Industrial Light & Magic, Pixar, PDI/Dreamworks, Wild Brain, Phil Tippett, Electronic Arts, etc.) Repeatable as instructors, software and/or student productions vary.
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>			
<i>Four hours lecture.</i>			
An exploration of films produced by major American animation studios during their Golden Age (1933-1948), analyzing their development of narrative form and perfection of animation technique. Appraisal of the films' controversial social content regarding race, gender and international politics. Studios include Disney, Fleischer, Warner Brothers, M-G-M, Columbia, Lantz, Terry and the George Pal Puppets.			
F/TV 75I	Contemporary World Animation	4 Units	
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>			
<i>Four hours lecture.</i>			
A survey of international animation from 1970 to the present, concentrating on England, Canada, Eastern Europe, Japan, China and other animation centers, including many masterworks never released in North America. Emphasis on short films created by independent artists in art media ranging from traditional hand-drawn to puppets, cutouts, clay and computer. Close analysis of social messages, historical significance and exemplary artistic technique.			
F/TV 75J	The Animated Feature Film	4 Units	
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>			
<i>Four hours lecture.</i>			
A survey of the evolution of the full-length animated film from its origins in the silent cinema to the present, including rare masterworks. Emphasis on hand-drawn, puppet and computer creations from England, France, Russia, Czechoslovakia and Japan, as well as Hollywood and the San Francisco Bay Area. Close analysis of social messages, historical significance and exemplary artistic technique.			
F/TV 75K	Japanese Animation	4 Units	
<i>Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.</i>			
<i>Four hours lecture.</i>			
An examination of the post-1960s evolution of animated films in Japan, a national cinema famed for its exciting range of subject matter and outstanding graphics. Screening of exemplary and influential works by distinguished artists, writing collectives and production studios. Close analysis of social content, reflections of history, adaptations of literature and artistic technique.			
F/TV 76	Special Topics in Film Studies	1/2 Unit	
F/TV 76W		1 Unit	
F/TV 76X		2 Units	
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>			
<i>One hour lecture for each unit of credit.</i>			
<i>(Any combination of Film/Television 76, 76W, and 76X may be taken up to six times for credit as long as topics/projects are different each time.)</i>			
Concentrated investigation of an influential film artist, studio, national cinema, genre, movement, or historical period. The topic studied is different for each section of this course and may include Bay Area film festival and nonprofit-organization screenings and events (see course note in class schedule).			
F/TV 77X	Animation History Area Studies	1 Unit	
F/TV 77Y		2 Units	
<i>(Formerly Film/Television 87X and 87Y respectively.)</i>			
<i>Credit course - Does not apply to De Anza Associate degree.</i>			
<i>Advisory: English Writing 1A or English as a Second Language 5.</i>			
<i>One hour lecture for each unit of credit.</i>			
<i>(Any combination of Film/Television 77X and 77Y may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)</i>			
<i>Pass-No Pass (P-NP) course.</i>			
Concentrated investigation of an influential animated film director, studio, genre, movement, national cinema, historical period or applied technique. The topic studied is different for each section of this course (e.g. Aardman and the U.K., Disney, the Canadian Film Board, Bay Area Animation, the Animated Documentary or visiting animators).			
F/TV 79G	Workshop with Professional Traditional Animator	3 Units	
<i>Two hours lecture; two hours lecture-laboratory.</i>			
<i>(Any combination of Film Television 79G and 79H may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)</i>			
Intensive workshop in a specialized area of drawn or puppet animation production (e.g. writing, storyboard, layout, fabrication, lighting, motion design, soundtrack construction, etc.) with an instructor with full-time experience on feature films or national television commercials at a major Bay Area animation studio (Industrial Light & Magic, Wild Brain, Twitching Image/Skellington, Phil Tippett Studios, etc.) Repeatable as instructors, topics and/or student productions vary.			
F/TV 79H	Workshop with Professional Computer Animator	4 Units	
<i>Three hours lecture; three hours laboratory.</i>			
<i>(Any combination of Film Television 79G and 79H may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)</i>			
F/TV 80G	Independent Projects in Animation	2 Units	
<i>Prerequisite: Demonstrated skill; consent of instructor.</i>			
<i>Four hours lecture-laboratory.</i>			
<i>(Film/Television 80G may be taken up to six times, as long as the topics/projects are different each time.)</i>			
Advanced individual and group creative projects in animation production or animation history.			
F/TV 80H	Animated Film Completion for Certificate/Degree	1 Unit	
<i>Prerequisite: Culminating film project at point of completion.</i>			
<i>Three hours laboratory.</i>			
A course designed to record the completion of a student's certificate/degree film. Students enroll in this course only in the quarter in which the film will be completed.			
F/TV 81	Seminar in Animation Production Topics	1/2 Unit	
F/TV 81X		1 Unit	
F/TV 81Y		2 Units	
F/TV 81Z		3 Units	
<i>Two hours lecture-laboratory for each unit of credit.</i>			
<i>(Any combination of Film/Television 81, 81X, 81Y, and 81Z may be taken six times, not to exceed 18 units, as long as the topics/projects are different each time.)</i>			
Intensive workshop in a specialized area of animation production (e.g. puppet animation, gesture drawing, special visual effects, the role of the producer, advanced computer techniques).			
F/TV 83A	Introduction to 2D Computer Animation	3 Units	
<i>Prerequisite: Film/Television 66A or 69 (either may be taken concurrently).</i>			
<i>Two hours lecture, three hours laboratory.</i>			
<i>(Film/Television 83A may be repeated only if the Animation program switches to a different software. No combination of Film/Television 83A and 83B may be taken more than four times or exceed 16 units.)</i>			
Utilization of the computer in the creation of two-dimensional animation with application to educational CD-ROMs, video games, television or the Internet. Strengths and limitations compared to traditional animation techniques. Concentration on methods of creating sequences of character movement in the drawn image, timing soundtracks for synchronization, constructing storyboard reels, and adding color and texture to artwork.			
F/TV 83B	Advanced 2D Computer Animation	4 Units	
<i>Prerequisite: Film/Television 83A.</i>			
<i>Three hours lecture, three hours laboratory.</i>			
<i>(Film/Television 83B may be repeated only if the Animation program switches to a different software. No combination of Film/Television 83A and 83B may be taken more than four times or exceed 16 units.)</i>			
Deployment of computer software in the production of professional narrative drawn animation, such as feature films or television series. Emphasis on digitizing and layering imagery, designing simple and complex movements of the virtual camera, and employing digital coloring techniques in lieu of traditional cel inking and painting.			
F/TV 84A	Introduction to 3D Computer Animation	4 Units	
<i>Prerequisite: Film/Television 83A.</i>			
<i>Three hours lecture, three hours laboratory.</i>			
<i>(Any combination of Film/Television 84A, 84B, and 84C may be taken up to six times, not to exceed 18 units, for the family of courses as long as the Animation program switches to a different software.)</i>			
Orientation to the concepts and production process of three-dimensional (3D) computer animation. Introduction to the software interface, to basic design and construction of computer models, and to fundamentals of texturing, lighting and rendering, culminating in the creation of 3D cinematic stills.			
F/TV 84B	Intermediate 3D Computer Animation	4 Units	
<i>Prerequisite: Film/Television 84A.</i>			
<i>Three hours lecture, three hours laboratory.</i>			
<i>(Any combination of Film/Television 84A, 84B, and 84C may be taken up to six times, not to exceed 18 units, for the family of courses as long as the Animation program switches to a different software.)</i>			
Application of the classic principles of traditional animation regarding movement and timing to computer animation. Digital motion design in a professional software program via techniques such as keyframing, motion path animation and shape blending. Fundamentals of rigging models for expressive movement, including introduction to forward and inverse kinematics. Principles of simulated cinematography and visual aesthetics.			

F/TV 84C Advanced 3D Computer Animation 4 Units
Prerequisite: Film/Television 84B.
Three hours lecture, three hours laboratory.
(Any combination of Film/Television 84A, 84B, and 84C may be taken up to six times, not to exceed 18 units, for the family of courses as long as the Animation program switches to a different software.)
 Utilization of sophisticated professional computer programs to produce individual or collaborative animated projects with increasingly complex character models, animated movements, lighting schemes and visual effects. Exploration of advanced computer animation procedures, such as particle systems, or digital compositing, including the use of complementary software.

F/TV 85 Motion Graphics 3 Units
Prerequisite: Arts 55B.
(Also listed as Arts 85. Student may enroll in either department, but not both, for credit.)
Six hours lecture-laboratory.
 The analysis and interpretation of the arts and design involved in the production of "on-the-air" graphic design. The creative integration of "type" and "image" in motion is stressed through the use of directed laboratory exercises. Software used includes Adobe Photoshop, Adobe Premier, Macromedia FreeHand, Macromedia Director, Macromedia Flash.

F/TV 92 Topics: Guest Artist/ Industry Professional 1/2 Unit
One and one-half hours lecture-laboratory.
(May be taken up to six times for credit as long as the topics are different each time.)
 The investigation of techniques and procedures utilized by a guest artist for the production and development of their work. Concepts, theory, and practice pertaining to the specific topic as predetermined by the guest artist or industry professional.

F/TV 98G Fiction Workshop (The Writer, Producer, Director) 3 Units
Prerequisite: Film/Television 20, 50, and 60A; or Film/Television 22A or 51A.
Six hours lecture-laboratory.
(Any combination of Film/Television 98G, 98H, and 98J may be taken up to six times, not to exceed 18 units, for the family of courses.)
 Advanced workshop in the writing, producing, or directing of complex scenes or multiple scene works of narrative/dramatic film or video.

F/TV 98H Fiction Workshop (Technical Crew) 3 Units
Prerequisite: Film/Television 20, 55A, 62 or 63A.
Six hours lecture-laboratory.
(Any combination of Film/Television 98G, 98H, and 98J may be taken up to six times, not to exceed 18 units, for the family of courses.)
 Advanced workshop in cinematography, art direction, sound recording, and other techniques and craft skills essential to the production of narrative/dramatic film and video projects.

F/TV 98J Fiction Workshop (Editing/Post Production) 3 Units
Prerequisite: Film/Television 20, 22, or 51A.
Six hours lecture-laboratory.
(Any combination of Film/Television 98G, 98H, and 98J may be taken up to six times, not to exceed 18 units, for the family of courses.)
 Advanced workshop in the post-production phase including elements of picture and sound editing and sound mixing for narrative/dramatic film and video projects.

French

FREN 1 Elementary French (First Quarter) 5 Units
(See general education pages for the requirement this course meets.)
Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
Five hours lecture, one hour laboratory.
 Introduction to the language and cultures of the French-speaking countries. Basic speaking, listening, reading and writing of French will be introduced and practiced within a cultural framework. Emphasis will be on language as an expression of culture. Language laboratory practice to reinforce pronunciation, grammar and syntax. (FREN 1+2+3, or FREN 10 = CAN FREN SEQ A)

FREN 2 Elementary French (Second Quarter) 5 Units
(See general education pages for the requirement this course meets.)
Prerequisite: French 1.
Five hours lecture, one hour laboratory.
 Further development of material presented in French 1. Continuation of introduction to the language and cultures of the French-speaking countries. Basic speaking, listening, reading and writing of French will be introduced and practiced within a cultural framework. Emphasis will be on language as an expression of culture. Language laboratory practice to reinforce pronunciation, grammar and syntax. (FREN 1+2+3, or FREN 10 = CAN FREN SEQ A)

FREN 3 Elementary French (Third Quarter) 5 Units
(See general education pages for the requirement this course meets.)
Prerequisite: French 2.
Five hours lecture, one hour laboratory.
 Further development of material presented in French 1 and French 2. Completion of introduction to the language and cultures of the French-speaking countries. Basic speaking, listening, reading and writing of French will be introduced and practiced within a cultural framework. Emphasis will be on language as an expression of culture. Language laboratory practice to reinforce pronunciation, grammar and syntax. (FREN 1+2+3, or FREN 10 = CAN FREN SEQ A)

FREN 4 Intermediate French (First Quarter) 5 Units
(See general education pages for the requirement this course meets.)
Prerequisite: Demonstrated proficiency in the language competency descriptions for level three, or equivalent of level three.
Five hours lecture.
 Reading and discussion of texts dealing with the literature, arts, geography, history and culture of the French-speaking world. Review of the linguistic functions and grammar structures of first-year French. Development of reading, writing, speaking and listening skills at the first intermediate level. (FREN 4 + 5 + 6 = CAN FREN SEQ B)

FREN 5 Intermediate French (Second Quarter) 5 Units
(See general education pages for the requirement this course meets.)
Prerequisite: Demonstrated proficiency in the language competency descriptions for level four, or equivalent of level four.
Five hours lecture.
 Reading and discussion of texts dealing with the literature, arts, geography, history and culture of the French-speaking world. Review of the linguistic functions and grammar structures of first-year French. Development of reading, writing, speaking and listening skills at the second intermediate level. (FREN 4 + 5 + 6 = CAN FREN SEQ B)

FREN 6 Intermediate French (Third Quarter) 5 Units
(See general education pages for the requirement this course meets.)
Prerequisite: Demonstrated proficiency in the language competency descriptions for level five, or equivalent of level five.
Five hours lecture.
 Reading and discussion of texts dealing with the literature, arts, geography, history and culture of the French-speaking world. Review of the linguistic functions and grammar structures of first-year French. Development of reading, writing, speaking and listening skills at the third intermediate level. (FREN 4 + 5 + 6 = CAN FREN SEQ B)

FREN 10 Intensive French (First Year) 15 Units
Advisory: English Writing 200 and Reading 200 (or Language Arts 200), or English as a Second Language 261, 262 and 263.
One hundred eighty hours lecture, thirty-six hours laboratory for the quarter.
 Development and practice of skills for oral and written communication supported by essentials of grammar, syntax, vocabulary and pronunciation. Language of instruction is primarily French. (FREN 1+2+3, or FREN 10 = CAN FREN SEQ A)

FREN 13A Intermediate Conversation (First Quarter) 3 Units
Prerequisite: French 3, or three years of high school French, or equivalent.
Three hours lecture.
 Review and development of conversational skills in the targeted functions studied in first-year French with attention to fluency, vocabulary, idiom, and pronunciation. Practice in conversational exchanges and strategies. Discussion of culturally relevant topics and situations.

FREN 13B Intermediate Conversation (Second Quarter) 3 Units
Prerequisite: French 4 or 13A, or four years of high school French, or equivalent.
Three hours lecture.
 Continued practice and development of conversational skills in the targeted functions studied in first-year French with increased attention to fluency, vocabulary, idiom, and pronunciation. Practice in conversational exchanges and strategies emphasizing improvisational skills. Discussion of culturally relevant topics and situations.

FREN 13C Advanced Conversation 3 Units
Prerequisite: French 5 or 13B, or equivalent.
Three hours lecture.
 Continued practice and development of conversational skills in the targeted functions studied in first-year French, with greater communicative competence. Increased control of conversational exchanges and strategies. Discussion of culturally relevant topics and situations.

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a smoke-free campus



FREN 77 Special Projects in French 1 Unit
FREN 77X 2 Units
FREN 77Y 3 Units

(Formerly French 40, 40X, and 40Y.)

Prerequisite: Consent of instructor and division dean.

Three hours laboratory for each unit of credit.

(Any combination of French 77, 77X, and 77Y may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)

Special reading, writing, or study projects in any discipline in French, determined in consultation with the instructor.

FREN 90A Introductory French (First Quarter) 3 Units

Three hours lecture, one hour laboratory.

A practical course in the French language, approached by intensive drills in the patterns and idioms of daily speech supported by sufficient grammar to give flexibility in the spoken language.

FREN 90B Introductory French (Second Quarter) 3 Units

Prerequisite: French 90A.

Three hours lecture, one hour laboratory.

Continuation of French 90A.

FREN 90C Introductory French (Third Quarter) 3 Units

Prerequisite: French 90B.

Three hours lecture, one hour laboratory.

Continuation of French 90B.

Geography

GEO 1 Physical Geography 4 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5; Mathematics 210 or equivalent.

Four hours lecture.

An introduction to the basic physical elements of geography and the diverse physical environment in which we live. Topics include the global patterns of weather and climate, land forms, soils and vegetation along with human modification of natural environments.

(CAN GEOG 2)

GEO 4 Cultural Geography 4 Units

(Formerly Geography 50.)

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5; Mathematics 210 or equivalent.

Four hours lecture.

Examining the location of people and activities throughout the world and understanding the reasons for their distribution. Topics covered include population and migration, human-environment relationships, geographies of language, religion, race and ethnicity, economic activities, political organization and settlement patterns including the urban environment.

GEO 10 World Regional Geography 4 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 1A or English as a Second Language 5; Mathematics 210 or equivalent.

Four hours lecture.

An introduction to the major distinctive regions of the world; their natural environment, people, resources, agriculture, manufacturing, trade, cities and the problems relating to contemporary society in each of the regions. Understanding the increasing interdependencies among and between regions.

Geology

GEOL 10 Introductory Geology 5 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Four hours lecture, three hours laboratory and a one-day field trip.

Analysis of the composition, structure, and description of the earth's external and internal features. Examination of the concepts and principles upon which geologic knowledge is based. One Saturday field trip is required.

(CAN GEOL 2)

GEOL 77 Special Projects in Geology 1 Unit

GEOL 77X 2 Units

GEOL 77Y 3 Units

(Formerly Geology 40, 40X, and 40Y.)

Prerequisite: Consent of instructor and division dean.

Three hours laboratory for each unit of credit.

(Any combination of Geology 77, 77X, and 77Y may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)

Pass-No Pass (P-NP) course.

Individual special reading, writing, or study projects in Geology as determined in consultation with the instructor.

German

GERM 1 Elementary German (First Quarter) 5 Units

(See general education pages for the requirement this course meets.)

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Five hours lecture, one hour laboratory.

Introduction to the language and cultures of the German-speaking countries. Basic speaking, listening, reading and writing of German will be introduced and practiced within a cultural framework. The emphasis will be on language as an expression of culture. Language laboratory practice to reinforce pronunciation, grammar and syntax.

(GERM 1+2+3, or GERM 10 = CAN GERM SEQ A)

GERM 2 Elementary German (Second Quarter) 5 Units

(See general education pages for the requirement this course meets.)

Prerequisite: German 1 or equivalent.

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Five hours lecture, one-hour laboratory.

Further development of material presented in German 1. Continuation of introduction to the language and cultures of the German-speaking countries. Basic speaking, listening, reading and writing of German will be introduced and practiced within a cultural framework. The emphasis will be on language as an expression of culture. Language laboratory practice to reinforce pronunciation, grammar and syntax.

(GERM 1+2+3, or GERM 10 = CAN GERM SEQ A)

GERM 3 Elementary German (Third Quarter) 5 Units

(See general education pages for the requirement this course meets.)

Prerequisite: German 2 or equivalent.

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Five hours lecture, one-hour laboratory.

Further development of material presented in German 1 and 2. Completion of introduction to the language and cultures of the German-speaking countries. Basic speaking, listening, reading and writing of German will be introduced and practiced within a cultural framework. The emphasis will be on language as an expression of culture. Language laboratory practice to reinforce pronunciation, grammar and syntax.

(GERM 1+2+3, or GERM 10 = CAN GERM SEQ A)

GERM 4 Intermediate German (First Quarter) 5 Units

(See general education pages for the requirement this course meets.)

Prerequisite: Demonstrated proficiency in the language competency descriptions for level three, or equivalent of level three.

Five hours lecture.

Development of reading, writing, speaking and listening skills at that first intermediate level. Reading and discussion of texts dealing with the literature, arts, history, geography and culture of the German-speaking world. Review and expansion of the linguistic functions and grammar structures of first-year German.

(GERM 4+5+6 = CAN GERM SEQ B)

GERM 5 Intermediate German (Second Quarter) 5 Units

(See general education pages for the requirement this course meets.)

Prerequisite: Demonstrated proficiency in the language competency descriptions for level four, or equivalent of level four.

Five hours lecture.

Development of reading, writing, speaking and listening skills at the second intermediate level. Reading and discussion of texts dealing with literature, arts, history, geography and culture of the German-speaking world. Review and expansion of the linguistic functions and grammar structures of first-year German.

(GERM 4+5+6 = CAN GERM SEQ B)

GERM 6 Intermediate German (Third Quarter) 5 Units

(See general education pages for the requirement this course meets.)

Prerequisite: Demonstrated proficiency in the language competency descriptions for level five, or equivalent of level five.

Five hours lecture.

Development of reading, writing, speaking and listening skills at the third intermediate level. Reading and discussion of texts dealing with the literature, arts, geography, history and culture of the German-speaking world. Review and expansion of the linguistic functions and grammar structures of first-year German.

(GERM 4+5+6 = CAN GERM SEQ B)