



Film and Television Production

F/TV 1 Introduction to Film 4 Units

(Formerly Film Analysis 39.)
 (See general education pages for the requirement this course meets.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). (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 film making, including screen writing, 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

(See general education pages for the requirement this course meets.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
 Four hours lecture.

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.

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

(See general education pages for the requirement this course meets.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
 Four hours lecture.

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.

F/TV 10 Introduction to Electronic Media 4 Units

(See general education pages for the requirement this course meets.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). (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 general survey course designed to acquaint the student with a knowledge of the history aesthetics and technology of electronic media, including commercial and noncommercial broadcasting, the role of government, advertising, audiences, and emerging technologies, their future uses and their impact on twentieth century global society.

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

(Formerly Film/Television 51A).
 Corequisites: Film/Television 20 students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.

Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
 Three hours lecture, three hours laboratory.

Digital video production, film-style production techniques including mini-DV, half-inch and 8mm formats: camera operation and procedures, basic principles and techniques of sound and scriptwriting; and nonlinear editing.

F/TV 22 16 MM Film Production I 4 Units

(Formerly Film/Television 52A.)
 Prerequisite: Film/Television 20.

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

Advisory: English Writing 1A or English as a Second Language 5.
 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 40 The Feature Film 4 Units

(Formerly Film Analysis 40.)
 (Also listed as English Literature 2. Student may enroll in either department, but not both, for credit.)

Four hours lecture, one additional hour to be arranged.

Analysis of specific films which have contributed to the evolution of world cinema. Development of critical criteria for the evaluation of film as a form of artistic expression. Focus of the course changes each quarter.

F/TV 41 Film Genres 4 Units

(Formerly Film Analysis 41.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). (Also listed as English Literature 3. Student may enroll in either department, but not both, for credit.)

Four hours lecture, one additional hour to be arranged.
 (Any combination of Film/Television 41 and English Literature 3 may be taken up to six times, not to exceed 18 units, as long as the topics/projects are different each time.)

Analysis of specific film genres such as Western, Film Noir, Musical, Gangster, Horror, or Science Fiction. The genre studied changes each quarter (see subtitle in class schedule).

F/TV 42 National Cinemas 4 Units

(Formerly Film Analysis 42.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). (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 six times, not to exceed 18 units, as long as the topics/projects are different each time.)

Analysis of major national film developments such as: German Expressionism, Soviet Film of the 1920's, Italian Neo-Realism, New American Cinema of the 1960's/1970's, or New Chinese Cinema. The national cinema studies changes each quarter.

F/TV 43 Film Artists 4 Units

(Formerly Film Analysis 43.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). (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 six times, not to exceed 18 units, as long as the topics/projects are different each time.)

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

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

(Formerly Film/Television 78.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
 Four hours lecture.

History and development of experimental film/video; origins in European experimental cinema, American underground film, modern graphic arts, and avant-garde theater and dance. Evolution of independent video and recent electronic developments.

F/TV 48 Cinema and the African American (An Historical Analysis of African Americans in American Cinema) 4 Units

(Formerly Film Analysis 48.)
 (See general education pages for the requirement this course meets.)
 Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). (Also listed as Intercultural Studies 14 and English Literature 6. Student may enroll in only one department, for credit.)

Four hours lecture, one additional hour to be arranged.
 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 racial stereotypes, those works attempting a historical portrayal of the African American experience and the roles played by key African Americans in the evolution of film art and industry.

F/TV 50 Introduction to Film/ Television Directing 4 Units

Prerequisite: Film/Television 20.
 Corequisites: Film/Television 50 students must also enroll in Film/Television 54, 54X, 54Y, or 54; and Film/Television 60A.

Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
 Three hours lecture, three hours laboratory.

(May be taken twice for credit.)
 Development and execution of short, single-camera-style projects focusing on the skills of directing and editing.



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| F/TV 51A | Intermediate Digital Film and Video Production | 4 Units | F/TV 57 | Nonfiction Workshop (The Documentary) | 4 Units |
| <i>(Formerly Film/Television 55B.)</i> <i>Prerequisite: Film/Television 20 or 55A.</i> <i>Corequisites: Film/Television 51A students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory.</i> <i>(May be taken twice for credit.)</i> Principles of digital video in the production of a short project using camcorders, lighting and sound equipment and post production digital editing. | | | <i>Corequisite: Film/Television 57 students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i> <i>Advisory: Film/Television 20; English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory.</i> <i>(May be taken twice 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 in extensive production work in documentary programs. | | |
| F/TV 51B | Video Remote Production II | 4 Units | F/TV 58R | Film/Television Production Workshop | 1/2 Unit |
| <i>(Formerly Film/Television 55C.)</i> <i>Prerequisites: Film/Television 51A.</i> <i>Three hours lecture, three hours laboratory.</i> <i>(May be taken twice for credit.)</i> Advanced remote techniques of television production, including post-production editing, sound, lighting and directing. | | | F/TV 58S | | 1 Unit |
| F/TV 52A | 16 MM Film Production II | 4 Units | F/TV 58T | | 2 Units |
| <i>(Formerly Film/Television 52B.)</i> <i>Prerequisite: Film/Television 22.</i> <i>Corequisites: Film/Television 52A students must also enroll in Film/Television 54, 54X, 54Y, or 54Z.</i> <i>Three hours lecture, three hours laboratory.</i> <i>(Any combination of Film/Television 52A and 52B may be taken up to six times, not to exceed 18 units for the family of courses.)</i> Advanced sound film editing, laboratory procedures, interior and exterior lighting techniques, color cinematography. Emphasis on individual student projects. | | | F/TV 58U | | 3 Units |
| F/TV 52B | 16 MM Film Production III | 4 Units | F/TV 58V | | 4 Units |
| <i>(Formerly Film/Television 52C.)</i> <i>Prerequisite: Film/Television 22 and 52A.</i> <i>Corequisites: 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>(Any combination of Film/Television 52A and 52B may be taken up to six times, not to exceed 18 units for the family of courses.)</i> Advanced production and post-production techniques, including sync-sound production and editing, music editing, preparing for the sound mix and A - B rolling. Emphasis on individual projects. | | | F/TV 58W | | 5 Units |
| F/TV 52B | 16 MM Film Production III | 4 Units | F/TV 58X | | 6 Units |
| <i>(Formerly Film/Television 52C.)</i> <i>Prerequisite: Film/Television 22 and 52A.</i> <i>Corequisites: 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>(Any combination of Film/Television 52A and 52B may be taken up to six times, not to exceed 18 units for the family of courses.)</i> Advanced production and post-production techniques, including sync-sound production and editing, music editing, preparing for the sound mix and A - B rolling. Emphasis on individual projects. | | | F/TV 58Y | | 7 Units |
| F/TV 53 | Nonlinear Editing | 4 Units | F/TV 58Z | | 8 Units |
| <i>Prerequisites: Film/Television 20 and working familiarity with Macintosh environment.</i> <i>Corequisites: 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 nonlinear 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. | | | <i>Prerequisites: Film/Television 20.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</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 54 | Film/Television Production Laboratory | 1/2 Unit | F/TV 59 | The Role of the Video Producer | 4 Units |
| F/TV 54X | | 1 Unit | <i>Advisories: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163; Film/Television 20 or 55A.</i> <i>Four hours lecture.</i> Roles and responsibilities of the video producer; skills and knowledge required in developing, budgeting, managing, producing, and distributing a video program. | | |
| F/TV 54Y | | 2 Units | F/TV 60A | Scriptwriting for Film and Video I | 4 Units |
| F/TV 54Z | | 3 Units | <i>Advisory: English Writing 1A or English as a Second Language 5.</i> <i>Four hours lecture, one additional hour to be arranged.</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. | | |
| <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 60B | Scriptwriting for Film and Video II | 4 Units |
| F/TV 55A | Video Studio Production | 4 Units | <i>Prerequisites: 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> 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. | | |
| <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory.</i> Studio television production, the basic procedures and techniques, with emphasis on camera, audio, graphics, scripting, directing and producing. | | | F/TV 60C | Scriptwriting for Film and Video III | 4 Units |
| F/TV 56 | Experimental Film/Video Workshop | 4 Units | <i>Prerequisites: 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 nonfiction film and video projects; examination of classical and experimental structures in fiction and nonfiction; further practice in the development and revision of script projects. | | |
| <i>Prerequisite: Film/Television 20 or consent of instructor.</i> <i>Corequisite: Film/Television 56 students must also enroll in Film/Television 54, 54X, 54Y or 54Z.</i> <i>Advisories: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory.</i> <i>(Repeatable six times, not to exceed 18 units.)</i> Concepts, principles and techniques related to the production of an experimental film or video. Examination of the historical roots of experimental film and video. Emphasis on experimentation in the production of a film or video work. | | | F/TV 61 | TV Scriptwriting for Training and Communications | 4 Units |
| F/TV 56 | Experimental Film/Video Workshop | 4 Units | <i>Prerequisites: Film/Television 51A or 55A.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</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. | | |
| <i>Prerequisite: Film/Television 20 or consent of instructor.</i> <i>Corequisite: Film/Television 56 students must also enroll in Film/Television 54, 54X, 54Y or 54Z.</i> <i>Advisories: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory, one additional hour to be arranged.</i> Introduction to the basic principles of studio and location lighting for film, television and com posited 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 62 | Lighting for Television and Film | 4 Units |
| <i>Prerequisite: Film/Television 20 or consent of instructor.</i> <i>Corequisite: Film/Television 56 students must also enroll in Film/Television 54, 54X, 54Y or 54Z.</i> <i>Advisories: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory, one additional hour to be arranged.</i> Introduction to the basic principles of studio and location lighting for film, television and com posited 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. | | | <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4); Mathematics 101 or 112.</i> <i>Three hours lecture, three hours laboratory, one additional hour to be arranged.</i> Introduction to the basic principles of studio and location lighting for film, television and com posited 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 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4); Mathematics 101 or 112.

Three hours lecture, three hours laboratory, one additional hour to be arranged.

Study of the art and techniques of radio, television, film and media 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 65 Current Practices in the Film/Video Profession 4 Units

Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). Four hours lecture.

Current creative, technical, economic, and employment conditions in film and video as seen by working professionals.

F/TV 66 Basic Techniques of Animation (3D Media) 3 Units

Two hours lecture, two hours lecture-laboratory. (May be taken twice for credit.)

An exploration of the techniques of non-cel and three-dimensional animation, as applied to a variety of art media (puppet, clay, pixillation, shadow puppets and under-camera art media). Principles of movement and timing, lighting and cinematography, and multi plane dimensionality as applicable to computer and traditional drawn animation.

F/TV 67 Basic Cartooning and Design for Animation 3 Units

Advisory: Prior or current enrollment in Film/Television 66. Two hours lecture, three hours laboratory.

Introduction to the basic elements of drawing and designing expressive cartoon characters for both beginners and experienced artists. Focus will be on how to express action and mood through effective poses while developing a design into a full personality. Emphasis is placed on integrating characters into design for animated films.

F/TV 67G Drawing for Animation (Human Figure) 3 Units

Prerequisite: Film/Television 69 (may be taken concurrently). Two hours lecture, three hours laboratory. (May be taken twice for credit.)

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, 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. (May be taken twice for credit.)

Life 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, 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 70. Two hours lecture, three hours laboratory. (May be taken twice for credit.)

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. (May be taken twice for credit.)

Principles of sound track design to accompany the unique properties of the animated image. Recording, editing and mixing of voice, music and sound effects using location, studio and library sources. Techniques of musical synchronization and lip-synched character animation.

F/TV 69 Principles of Animation (Character and Motion) 3 Units

Two hours lecture, two hours lecture-laboratory. (May be taken twice for credit.)

Investigation of fundamental principles of movement and timing when animating characters or objects, progressing from simple to complex motion. Experience in rendering character emotions, manipulating line quality and using the visual accents of effects animation. Close analysis of exemplary professional films.

F/TV 70 The Animation Story Board 3 Units

Advisory: Film/Television 66 and/or 69. Two hours lecture, two hours lecture-laboratory. (May be taken twice for credit.)

Methods of scripting and designing animated films using the story board technique. Focus on translating concepts into visuals, developing story structure, defining characters, selecting camera angles and choosing editing style. Exploration of animation's unique cinematic vocabulary and its potential for personal expression, social advocacy or literary adaptation.

F/TV 70G Scriptwriting 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 71 Intermediate Animation Workshop 3 Units

Prerequisites: Film/Television 66 and 69. Two hours lecture, two hours lecture-laboratory.

(Any combination of Film/Television 71 and 72 may be taken up to six times, not to exceed 18 units for the family of courses.) Creation of visual and audio elements for a finished animated film with sound suitable for public screening. Development of story boards, character models and exposure sheets. Refinement of animation motion design. Exploration of animation camera and special effects techniques.

F/TV 72 Advanced Animation Workshop 3 Units

Prerequisite: Film/Television 71. Two hours lecture, two hours lecture-laboratory.

(Any combination of Film/Television 71 and 72 may be taken up to six times, not to exceed 18 units for the family of courses.) Creation of visual and audio elements for production of a complex personal animation of extended length which will be acceptable as a professional portfolio piece. Profiles of guest filmmakers. Investigation of career options and marketing strategies. Formulation of portfolios and demo reels. Investigation of career options and marketing strategies. Formulation of portfolios and demo reels.

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 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

(Formerly Film/Television 75.) (See general education pages for the requirement this course meets.)

Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). Four hours lecture, one additional hour to be arranged.

An international survey of the historical development of the animated film, from its pre-cinema origins to a contemporary art form. Emphasis will be on the contributions of the major studios including Bray, Sullivan, Fleischer, Disney, Warner, UPA, Zagreb, Shanghai and the Canadian Film Board, as well as the works of important independent artists and the technical, economic, and social contexts they worked in.

F/TV 75H Classic Hollywood Animation 4 Units

Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). Four hours lecture, one additional hour to be arranged.

An examination of films produced by major American animation studios during their Golden Age (1933-1948), with a close analysis of narrative form and animation technique and an appraisal of social content regarding race, gender, and international politics. Studios include Fleischer, Disney, Lantz, Terry, MGM, Warner Brothers, Columbia, and the George Pal Puppets.

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| <p>F/TV 75I Contemporary World Animation 4 Units <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). Four hours lecture, one additional hour to be arranged.</i> A survey of international animation from 1970 to the present, concentrating on England, Canada, Eastern Europe, Japan, China and other animation centers. 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 context, historical significance and artistic technique.</p> | <p>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).</p> |
| <p>F/TV 75J The Animated Feature Film 4 Units <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). Four hours lecture, one additional hour to be arranged.</i> A survey of the evolution of the full-length animated film from its origins in the silent cinema to the present. Emphasis on hand-drawn, puppet, and computer masterworks from England, France, Russia, Czechia and Japan, as well as Hollywood and the San Francisco Bay Area. Close analysis of social context, historical significance and artistic technique.</p> | <p>F/TV 82 Introduction to Multimedia 4 Units <i>Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.</i> <i>Four hours lecture.</i> Viewing and critical analysis of representative works of multimedia, including interactive games, the Internet, CD-ROMs, and presentation software. History, impact, uses, design, and production comparisons.</p> |
| <p>F/TV 75K Japanese Animation 4 Units <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). 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.</p> | <p>F/TV 83A Introduction to 2D Computer Animation 3 Units <i>Prerequisite: Film/Television 66 or 69 (either may be taken concurrently).</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Two hours lecture, three hours laboratory.</i> <i>(Any combination of Film/Television 83A and 83B may be taken up to six times, not to exceed 18 units for the family of courses.)</i> Utilization of computer hardware and software in the techniques of two-dimensional animation created for interactive media, such as educational CD-ROMs, video games or web animation. Comparison of strengths and limitations to traditional animation media. Concentration on scanning character movement pencil tests, timing soundtracks for synchronization, constructing story board reels, and adding color and texture to artwork.</p> |
| <p>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 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4). One hour lecture for each unit of credit.</i> <i>(Any combination of Film/Television 76, 76W, and 76X may be taken six times, not to exceed 18 units, as long as the 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.</p> | <p>F/TV 83B Advanced 2D Computer Animation 4 Units <i>Prerequisite: Film/Television 83A.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</i> <i>Three hours lecture, three hours laboratory.</i> <i>(Any combination of Film/Television 83A and 83B may be taken up to six times, not to exceed 18 units for the family of courses.)</i> Deployment of computer hardware and software in the production of professional narrative 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.</p> |
| <p>F/TV 79G Special Topics 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.</p> | <p>F/TV 84A Introduction to 3D Computer Animation 4 Units <i>Prerequisite: Film/Television 83A.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</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.)</i> Orientation to the concepts and production process of three-dimensional (3D) computer animation. Design and construction of 3D computer models with potential for movement and expression. Introduction to simple 3D animation with basic lighting and rendering techniques.</p> |
| <p>F/TV 79H Special Topics 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> 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.</p> | <p>F/TV 84B Intermediate 3D Computer Animation 4 Units <i>Prerequisite: Film/Television 84A.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</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.)</i> Utilization of sophisticated professional computer hardware and software to produce animated film projects with increasingly complex character models, animated movements, lighting schemes and visual effects. Principles of simulated cinematography and lighting.</p> |
| <p>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, not to exceed 18 units, as long as the topics/projects are different each time.)</i> Advanced individual and group creative projects in animation production or animation history.</p> | <p>F/TV 84C Advanced 3D Computer Animation 4 Units <i>Prerequisite: Film/Television 84B.</i> <i>Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).</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.)</i> Creation of personal film productions with complex character and effects animation or collaboration on internship projects. Exploration of advanced computer animation procedures, such as particle systems, metamorphic imagery, photorealistic techniques and/or digital compositing.</p> |
| <p>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.</p> | |

F

F/TV 85 Motion Graphics 3 Units

*Prerequisites: 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 86A Theory and Technique of Acting for the Camera 3 Units

(Formerly Film/Television 86.)

Prerequisite: Theatre Arts 20A.

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

(Also listed as Theatre Arts 86A. Student may enroll in either department, but not both, for credit.)

Six hours lecture-laboratory, one additional hour to be arranged.

(Any combination of Film/Television and Theatre Arts 86A and 86B may be taken up to six times, not to exceed 18 units for the family of courses.)

Basic techniques of acting before the camera.

F/TV 86B Theory and Technique of Advanced Acting for the Camera 3 Units

Prerequisite: Theatre Arts 86A or Film/Television 86A.

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

(Also listed as Theatre Arts 86B. Student may enroll in either department, but not both, for credit.)

Six hours lecture-laboratory.

(Any combination of Film/Television and Theatre Arts 86A and 86B may be taken up to six times, not to exceed 18 units for the family of courses.)

A continuation of 'Acting for the Camera' through further exploration of equipment used in media performance: blue screen acting, ear prompting, tele prompting, and microphone applications in voice recording and voice over. Continued exploration and skill building of techniques used in performance before the camera including but not limited to advanced character development, make-up techniques and special problems in character preparation for feature film.

F/TV 87X Animation History Area Studies 1 Unit
F/TV 87Y 2 Units

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

One hour lecture for each unit of credit.

(Any combination of Film/Television 87X and 87Y 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.

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.

F/TV 92 Topics (Guest Artist/Craftsman) 1/2 Unit

One hour lecture-laboratory.

(May be taken up to six times, not to exceed 18 units, as long as the topics/projects 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.

F/TV 98G Fiction Workshop (The Writer, Producer, Director) 3 Units

Prerequisites: Film/Television 20, 22, 50, and 60A; or Film/Television 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, as long as the topics/projects are different each time.)

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

Prerequisites: Film/Television 20, 55A, 62 and 63.

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, as long as the topics/projects are different each time.)

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

Prerequisites: Film/Television 20, 22, and 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, as long as the topics/projects are different each time.)

Advanced workshop in the post-production phase including elements of picture and sound editing and sound mixing for narrative/dramatic film and video projects.

F/TV 101 Studio Production Laboratory 1 Unit

Three hours laboratory.

(Repeatable up to six times for credit.)

Training in all aspects of television production in the studio specifically as it relates to public access or college productions.

F/TV 500 Studio Practice 0 Units

Corequisite: Film/Television 500 students must also enroll in an art production or skills course.

One and one-half hours laboratory.

(No limit on repeatability for 0 unit classes.)

No grade (NG) course.

Supervised use of individual production facilities.

French

FREN 1 Elementary French (First Quarter) 5 Units

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

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

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.)

Prerequisites: 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 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 (Fourth Quarter) 5 Units

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

Prerequisites: 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 (Fifth Quarter) 5 Units

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

Prerequisites: 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 (Sixth Quarter) 5 Units
 (See general education pages for the requirement this course meets.)
Prerequisites: 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 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.
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
Prerequisites: 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
Prerequisites: 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
Prerequisites: 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.

FREN 77 Special Projects in French 1 Unit
FREN 77X 2 Units
FREN 77Y 3 Units
 (Formerly French 40, 40X, and 40Y.)
Three hours laboratory per week 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 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 conversation. Intensive drills in the patterns and idioms of daily speech will be supported by sufficient grammar to give flexibility in the spoken language.

FREN 90B Introductory French (Second Quarter) 3 Units
Prerequisites: French 90A.
Three hours lecture, one hour laboratory.
 Continuation of French 90A.

FREN 90C Introductory French (Third Quarter) 3 Units
Prerequisites: French 90B.
Three hours lecture, one hour laboratory.
 Continuation of French 90B.

FREN 501 Skills Development in Speaking and Listening 0 Units
 (Also listed as English as a Second Language 501, Speech Communication 501, and all foreign language classes offered by the Intercultural Studies Division. All foreign language classes listed will have a course number of 501. Student may enroll in only one department for credit.)
Five to fifty hours laboratory per quarter.
 (No limit on repeatability for 0 unit classes.)
 No grade (NG) course.
 Provides opportunities for students to practice and develop speech communication skills in a laboratory setting.

FREN 502 Cross-cultural Partners 0 Units
 (Also listed as English as a Second Language 502, English Writing 502, Speech Communication 502, and all foreign language classes offered by the Intercultural Studies Division. All foreign language classes listed will have a course number of 502. Student may enroll in only one department for credit.)
Five to fifty hours laboratory per quarter.
 (No limit on repeatability for 0 unit classes.)
 No grade (NG) course.
 Provides opportunities to practice listening and speaking skills with peers and to develop cross-cultural understanding.

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 200 or 210.
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 200 or 210.
Four hours lecture.
 Examining the location of people and activities throughout the world and understanding the reasons for the distribution. Topics covered include population and migration, human impact on landscape, the geography of language, religion 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 200 or 210.
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 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
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 11 Historical Geology 4 Units
Advisory: Geology 10.
Three hours lecture, three hours laboratory. One Saturday field trip.
 Evolution of the earth and the life it has supported, as determined by the geologic and fossil records found in the crust of the earth. Concepts governing the inorganic and organic evolution of the earth. Plate Tectonics and geologic history of selected regions in California.
 (CAN GEOL 4)

GEOL 12 Introduction to Mineralogy and Natural Resources 5 Units
Prerequisites: Geology 10.
Four hours lecture, three hours laboratory.
 The classification and description of minerals and investigations into their origin and occurrences. The origin and distribution of metals, nonmetals, ground water and petroleum resources. Laboratory work on the identification of minerals and rocks; local field trips. Additional costs of field trips to be borne by the student.

GEOL 50 Earthquakes and the San Andreas Fault 2 Units
Two hours lecture.
 An introduction to the San Andreas Fault within the framework of plate tectonics. Earthquakes and their hazards, and progress toward their prediction.



GEOL 77 Directed Readings and Projects in Geology 1 Unit
GEOL 77X 2 Units
GEOL 77Y 3 Units
(Formerly Geology 40, 40X, and 40Y.)
Prerequisites: Geology 11.

Three hours laboratory per week 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.

One meeting to be arranged each week to discuss special topics and problems, both traditional and current in geology. Readings and laboratory work directed by the instructor.

German

GERM 1 Elementary German (First Quarter) 5 Units

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

Advisory: English 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

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.)

Advisory: German 1.

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.)

Advisory: German 2.

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 (Fourth Quarter) 5 Units

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

Prerequisites: 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 German-speaking world. Review of the linguistic functions and grammar structures of first-year German. Development of reading, writing, speaking and listening skills at the first intermediate level.

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

GERM 5 Intermediate German (Fifth Quarter) 5 Units

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

Prerequisites: 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 German-speaking world. Review of the linguistic functions and grammar structures of first-year German. Development of reading, writing, speaking and listening skills at the second intermediate level.

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

GERM 6 Intermediate German (Sixth Quarter) 5 Units

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

Prerequisites: 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 German-speaking world. Review of the linguistic functions and grammar structures of first-year German. Development of reading, writing, speaking and listening skills at their third intermediate level.

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

GERM 10 Intensive Elementary German 15 Units

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

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. Conducted primarily in German.

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

GERM 13A Intermediate Conversation (First Quarter) 3 Units

Prerequisites: German 3 or three years of high school German or equivalent.

Three hours lecture.

Review and development of conversational skills in the targeted functions studied in first-year German with attention to fluency, vocabulary, idiom, and pronunciation. Practice in conversational exchanges and strategies. Discussion of culturally relevant topics and situations.

GERM 13B Intermediate Conversation (Second Quarter) 3 Units

Prerequisites: German 4 or 13A or four years of high school German or equivalent.

Three hours lecture.

Continued practice and development of conversational skills in the targeted functions studied in first-year German 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.

GERM 13C Advanced Conversation 3 Units

Prerequisites: German 5 or 13B or equivalent.

Three hours lecture.

Continued practice and development of conversational skills in the targeted functions studied in first-year German, with greater communicative competence. Increased control of conversational exchanges and strategies. Discussion of culturally relevant topics and situations.

GERM 20A German Language and Culture Through Films 3 Units

(Formerly German 70A.)

Advisory: German 3.

Three hours lecture.

Appreciation of German culture through viewing and discussion of German films. Introduction to German film making and film culture as it relates to German history and society. Development of aural comprehension and oral communication skills.

GERM 20B German Language and Culture Through Films 3 Units

(Formerly German 70B.)

Advisory: German 3.

Three hours lecture.

Continuation of German 20A. Introduction to various important German directors and genres. Further development of aural comprehension and oral communication skills.

GERM 20C German Language and Culture Through Films 3 Units

(Formerly German 70C.)

Advisory: German 3.

Three hours lecture.

Continuation of German 20B. Overview of history of German film. Discussion of German contribution to international film history. Further development of aural comprehension and oral communication skills.

GERM 77 Special Projects in German 1 Unit

GERM 77X 2 Units

GERM 77Y 3 Units

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

Three hours laboratory per week for each unit of credit.

(Any combination of German 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 German, determined in consultation with the instructor.

GERM 90A Introductory German (First Quarter) 3 Units

Three hours lecture, one hour laboratory.

A practical course in the German language, approached by conversation. Intensive drills in the patterns and idioms of daily speech will be supported by sufficient grammar to give flexibility in the spoken language.

GERM 90B Introductory German (Second Quarter) 3 Units

Prerequisites: German 90A.

Three hours lecture, one hour laboratory.

Continuation of German 90A.



GERM 90C **Introductory German (Third Quarter)** **3 Units**
Prerequisites: German 90B.
Three hours lecture, one hour laboratory.
 Continuation of German 90B.

GERM 501 **Skills Development in Speaking and Listening** **0 Units**
(Also listed as English as a Second Language 501, Speech Communication 501, and all foreign language classes offered by the Intercultural Studies Division. All foreign language classes listed will have a course number of 501. Student may enroll in only one department for credit.)
Five to fifty hours laboratory per quarter.
(No limit on repeatability for 0 unit classes.)
No grade (NG) course.
 Provides opportunities for students to practice and develop speech communication skills in a laboratory setting.

GERM 502 **Cross-cultural Partners** **0 Units**
(Also listed as English as a Second Language 502, English Writing 502, Speech Communication 502, and all foreign language classes offered by the Intercultural Studies Division. All foreign language classes listed will have a course number of 502. Student may enroll in only one department for credit.)
Five to fifty hours laboratory per quarter.
(No limit on repeatability for 0 unit classes.)
No grade (NG) course.
 Provides opportunities to practice listening and speaking skills with peers and to develop cross-cultural understanding.

Guidance

GUID 100 **Educational Diagnostic Center (EDC) Evaluation and Eligibility** **1/2 Unit**
(Formerly Guidance 101A.)
Credit course - Does not apply to De Anza Associate Degree.
One-half hour lecture.
(May be taken three times for credit.)
Pass-No Pass (P-NP) course.
 Evaluation to determine eligibility for college learning disabilities support services and accommodations. Analysis of learning strengths, weaknesses and identification of college resources.

GUID 101 **Introduction to Learning Disabilities** **4 Units**
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 and/or placement by Educational Diagnostic Center Learning Specialist.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 Important aspects of learning disabilities for college students with specialized needs through group discussion, lectures, guest speakers, media resources and field trips.

GUID 102 **Student Success Strategies** **4 Units**
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 or placement by Disabled Students Programs and Services advisor.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 Successful strategies and accommodative techniques for students with special learning needs.

GUID 104 **Introductory Spelling Strategies** **4 Units**
(Formerly Guidance 101K.)
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 and/or placement by Educational Diagnostic Center Learning Specialist.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 A multi-sensory approach to improving basic spelling skills for the special needs student utilizing a phonetic base to aid in decoding and encoding language. Students will learn word attack skills, the six-syllable spelling patterns and specialized learning strategies through a simultaneous use of visual, auditory and kinesthetic modalities.

GUID 107 **EDC Introductory Writing and Grammar Skills** **4 Units**
(Formerly Guidance 101P.)
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 (EDC Evaluation and Eligibility) and/or placement by Educational Diagnostic Center Learning Specialist or Disabled Student Service advisor.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 Sentence structure, grammar, capitalization, punctuation, paragraph development, and functional editing skills for students with specialized learning needs.

GUID 109 **Arithmetic Skills** **4 Units**
(Formerly Guidance 101U.)
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 and placement by Educational Diagnostic Center Learning Specialist.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 Positional notation of whole numbers and decimals, basic arithmetic functions, fractions, decimals, and percents for students with specialized learning needs.

GUID 111 **Algebra Skills I** **4 Units**
(Formerly Guidance 101G.)
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 and placement by Educational Diagnostic Center Learning Specialist.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 Algebra skills for students with specialized learning needs. Study of real numbers, variables, expressions, equations, and their applications.

GUID 112 **Algebra Skills II** **4 Units**
(Formerly Guidance 101H.)
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 and placement by Educational Diagnostic Center Learning Specialist.
Four hours lecture.
(May be taken twice for credit.)
Pass-No Pass (P-NP) course.
 Algebra skills for students with specialized learning needs. Study of polynomials, factoring, algebraic fractions, equations, and inequalities.

GUID 118A **EDC Group Tutorials** **1/2 Unit**
GUID 118B **1 Unit**
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 or placement by Educational Diagnostic Center Learning Specialist.
Three hours laboratory for each unit of credit.
(May be taken for credit as required by Student Educational Contract.)
Pass-No Pass (P-NP) course.
 Tutorial support to improve academic skills for students with functional limitations due to specific disabilities and specialized learning needs.

GUID 119A **EDC Laboratory Tutorials** **1/2 Unit**
GUID 119B **1 Unit**
Credit course - Does not apply to De Anza Associate Degree.
Advisory: Guidance 100 or placement by Educational Diagnostic Center Learning Specialist.
Three hours laboratory for each unit of credit.
(May be taken for credit as required by Student Educational Contract.)
Pass-No Pass (P-NP) course.
 Tutorial support to improve academic skills for students with functional limitations due to specific disabilities and specialized learning needs.

Health

HLTH 21 **Contemporary Health Concerns** **4 Units**
(See general education pages for the requirement this course meets.)
Advisory: English Writing 100B and Reading 100 (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
Four hours lecture.
 Development of understanding and attitudes relative to personal, family and community health needs. Attention given to mental health, drug abuse, infectious and degenerative diseases, family health, nutrition, exercise throughout the life cycle and ecological conditions of health significance. Classroom and home study of common lifestyle behaviors will be emphasizing self-help and preventable aspects of medical care.

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HLTH 51 Health and Fitness 4 Units

(See general education pages for the requirement this course meets.)
Advisory: English Writing 100B and Reading (or Language Arts 100), or English as a Second Language 24 and 72 (or English as a Second Language 4).
 (Also listed as Physical Education 51. Student may enroll in either department, but not both, for credit.)
 Four hours lecture.

Introduction to the disciplines of Physical Education and Health through fitness, wellness and lifestyle management. Concepts of wellness from an interdisciplinary and global perspective. Practices and beliefs that contribute to fitness and healthful living. Students will be exposed to past and current theories of health and fitness with emphasis on how lifestyle, wellness, and personal fitness are affected by genetics, gender, and age. Each student will assess their own cardiovascular capacity, muscular strength and endurance, flexibility, body composition, and diet during the class.

HLTH 57A First Aid in the Workplace, Community and Wilderness 1 Unit

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.
 One hour lecture.

(May be taken once every three years for credit.)

Designed for certification in American Red Cross First Aid. Students will gain the knowledge and skills necessary to recognize and provide basic care for injuries and sudden illness until advanced medical personnel take over. Adaptations for a wilderness environment, including altitude, lightning, heat and cold emergencies, sudden illness, injuries, leadership, decision making, resource management, victim protection and transport. Upon successful completion of the course, each participant will receive an American Red Cross Certification in First Aid (valid for three years).

HLTH 57C Adult Cardiopulmonary Resuscitation and Automated External Defibrillation 1/2 Unit

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.
 One hour lecture-laboratory.

(May be taken once per year for credit.)

Designed for certification in American Red Cross Adult Cardiopulmonary Resuscitation and Automated External Defibrillation. Students will gain the knowledge and skills necessary to recognize and provide basic care for breathing emergencies, perform Adult Cardiopulmonary Resuscitation (CPR) and use an Automated External Defibrillator (AED) for victims of sudden cardiac arrest. Upon successful completion of the course, each participant will receive an American Red Cross certification in adult CPR/AED.

HLTH 57D CPR for the Professional Rescuer (Recertification) 1/2 Unit

Prerequisite: Must have current certificate from the American Red Cross for cardiopulmonary resuscitation (CPR) for the professional rescuer or from the American Heart Association. Certificates will be considered valid only if the date of issue is within one year of the date of course completion.

One and one-half hours laboratory.

(May be taken once per year for credit.)

Pass-No Pass (P-NP) course.

Designed to recertify the trained candidate in CPR for the professional rescuer. The course meets Cal-OSHA standards for basic requirements.

Health Technologies

The health technologies program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), on recommendation of the Committee on Accreditation for Medical Assistant Education.* Upon successful completion of the curriculum, the graduate is eligible to take the AAMA certified examination.

The health technologies curriculum requires approximately seven quarters of academic study for completion.

A student must maintain a "C" or better in all health technologies courses to be eligible to continue in the program. See curriculum sheet for specific course requirements.

*aka The Curriculum Review Board of the American Association of Medical Assistants' Endowment (AAMAE).

HTEC 50 Introduction to Health Technologies 1 Unit

Advisory: English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

Two hours lecture-laboratory, one additional hour to be arranged.

Pass-No Pass (P-NP) course.

Survey of health technology programs with emphasis on the professions; designed to assist in identifying personal strengths and weaknesses related to health technology professions; assist students in health technology professions to learn basic principles of human behavior.

HTEC 56 Special Projects in Health Technology 1 Unit

HTEC 56X 2 Units

HTEC 56Y 3 Units

(Formerly Medical Assisting 56, 56x, 56Y)

Three hours laboratory for each unit of credit.

(Any combination of Health Technology 56, 56X, and 56Y 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 advanced projects in Health Technology.

HTEC 60A Basic Medical Terminology 3 Units

Prerequisite: Health Technologies 50 (may also be taken concurrently). (Those enrolled in De Anza College's Health Technology Programs must complete pre/co-requisite; those not enrolled in Health Technology Programs do not need to complete pre/co requisite.)

Advisory: For students who will not be taking Health Technologies 50, English Writing 100A and Reading 201 (or Language Arts 200), or English as a Second Language 161, 162 and 163.

Three hours lecture, one additional hour to be arranged.

Orientation to medical terminology; basic structure of medical terms and their components-prefixes, suffixes and roots with emphasis on analysis, definition, spelling and pronunciation.

HTEC 60G Advanced Medical Terminology 2 Units

Advisory: Health Technology 60A.

Two hours lecture, one additional hour to be arranged.

Application of medical terminology to the following body systems: digestive, urinary, reproductive, nervous, integumentary, sensory organs, and radiology.

HTEC 60H Advanced Medical Terminology 2 Units

Advisory: Health Technology 60A.

Two hours lecture.

Application of medical terminology to the following body systems: cardiovascular, respiratory, blood and lymphatic, musculoskeletal, endocrine, oncology, pharmacology and psychiatry.

HTEC 61 Medical Communications 1 1/2 Units

(Formerly Medical Assisting 61.)

Corequisite: Health Technology 61 students must also enroll in Health Technology 101C.

Advisory: Computer Applications and Office Systems 70AA and 91AH; Health Technology 60A.

Three hours lecture-laboratory.

Application of medical terminology, abbreviations, symbols, numbers, keyboarding appropriate formats in medical communications; medical chart notes, history and physicals, consultations and operative reports.

HTEC 64G Basic Clinical Laboratory Procedures 1 1/2 Units

(Formerly Medical Assisting 64G.)

Advisory: Health Technology 60A.

Three hours lecture-laboratory.

Introduction to clinical laboratory; microbiology and infectious diseases; urine collection; microscopic and macroscopic examination of urine.

HTEC 64H Advanced Clinical Laboratory Procedures (Hematology) 1 1/2 Units

(Formerly Medical Assisting 64H.)

Prerequisite: Health Technology 64G (may be taken concurrently).

Corequisite: Health Technology 64H students must also enroll in Health Technology 101A.

Three hours lecture-laboratory.

Introduction to hematology and blood chemistry techniques: blood collection, hematocrit, white blood cell count and differential; preparation of blood smears, preservation, storage and mailing of blood samples.

HTEC 68 Medical Reception Externship 2 Units

(Formerly Medical Assisting 68.)

Prerequisites: Health Technology 60A, 71, and 73; Computer Applications and Office Systems 70AA.

Six hours laboratory.

Practical medical reception experience in medical clinics.

HTEC 71 Medical Office Reception 1 Unit

(Formerly Medical Assisting 71.)

Advisory: Health Technology 60A.

Two hours lecture-laboratory.

Duties of the medical receptionist with emphasis on oral communications and appointment scheduling.

HTEC 72 Medical Office Financial Procedures 1 1/2 Units

(Formerly Medical Assisting 72.)

Corequisite: Health Technology 72 students must also enroll in Health Technology 101D.

Advisory: Health Technology 60A.

Three hours lecture-laboratory; one additional hour to be arranged.

Fee determination, credit and collections, billing, diagnostic and procedural coding, private and government health insurance programs.



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| HTEC 73 | Medical Law and Ethics | 1 1/2 Units | <i>Formerly Medical Assisting 73.) Advisory: Health Technology 60A. Three hours lecture-laboratory.</i> |
| | | | Medical ethics, medical practice acts, legal relationship of patient and physician, legal responsibilities of the health technology team member, professional liability, physician's civic duties and arbitration. |
| HTEC 74 | Medical Transcription with Advanced Terminology | 1 1/2 Units | <i>Formerly Medical Assisting 74.) Corequisite: Health Technology 74 students must also enroll in Health Technology 101C. Advisory: Health Technology 60A and 61. Three hours lecture-laboratory; one additional hour to be arranged. (May be taken four times for credit.)</i> |
| | | | Development of transcription skills necessary for a medical office using actual dictation from various medical specialties; advanced medical terminology. |
| HTEC 75 | Medical Office Management | 1 1/2 Units | <i>Formerly Medical Assisting 75.) Corequisite: Health Technology 75 students must also enroll in Health Technology 101G. Advisory: Health Technology 60A and 72. Three hours lecture-laboratory; one additional hour to be arranged.</i> |
| | | | Advanced administrative skills including computerized accounts management duties of the medical office manager, personnel recruitment and training, financial management, office policy and procedure manuals, editorial and research duties and meeting arrangements. |
| HTEC 80 | Clinical Hematology Laboratory | 1 1/2 Units | <i>Corequisite: Health Technology 80 students must also enroll in HES 70 (Clinical Hematology lecture at De Anza College delivered via interactive video from Hartnell College, Salinas, CA.). Four and one-half hours laboratory. (May be taken two times for credit.)</i> |
| | | | Introduces the various techniques and safety procedures used in the clinical hematology laboratory. Emphasizes the morphology and identification of common human blood cells. Successful completion of this course and HES 70 is required to enroll in Clinical Hematology/Urinalysis/Coagulation Practicum, Health Technology 280. |
| HTEC 81 | Clinical Urinalysis Laboratory | 3/4 Unit | <i>Corequisite: Health Technology 81 students must also enroll in HES 20 (Clinical Urinalysis - offered on-line through Hartnell College, Salinas, CA.). Two and one-quarter hours laboratory. (May be taken two times for credit.)</i> |
| | | | Teaches the students the various properties and constituents of urine via "on hands" learning. Emphasis is placed on the interpretation and handling of urine specimens and their accompanying requisitions. The students will be taught to examine urine physically, chemically, and microscopically and compare clinical values as related to the physiology of the urinary system in health and disease. Successful completion of this course and HES 20 is required to enroll in Clinical Hematology/Urinalysis/Coagulation Practicum, Health Technology 280. |
| HTEC 82 | Clinical Coagulation Laboratory | 3/4 Unit | <i>Corequisite: Health Technology 82 students must also enroll in HES 71 (Clinical Coagulation - offered on-line through Hartnell College, Salinas, CA.). Two and one-quarter hours laboratory. (May be taken two times for credit.)</i> |
| | | | Introduces the various techniques and safety procedures used in the clinical coagulation laboratory. Emphasis on platelet function tests and intrinsic and extrinsic clotting pathway testing. Normal and abnormal cases will be studied. Successful completion of this course and HES 71 is required to enroll in Clinical Hematology/Urinalysis/Coagulation Practicum, Health Technology 280. |
| HTEC 83 | Clinical Microbiology Laboratory | 1 1/2 Units | <i>Corequisite: Health Technology 83 students must also enroll in HES 60 (Clinical Microbiology lecture at De Anza College delivered via interactive video from Hartnell College, Salinas, CA.). Four and one-half hours laboratory. (May be taken two times for credit.)</i> |
| | | | Introduces the various techniques and safety procedures in clinical microbiology. Emphasizes the morphology and identification of common pathogenic organisms. Successful completion of this course and HES 60 is required to enroll in Clinical Microbiology Practicum, Health Technology 283. |
| HTEC 84 | Clinical Immunology/Immunoematology Laboratory | 1 1/2 Units | <i>Corequisite: Health Technology 84 students must also enroll in HES 21 (Clinical Immunology/Immunoematology lecture at De Anza College delivered via interactive video from Hartnell College, Salinas, CA.).</i> |
| | | | <i>Four and one-half hours laboratory. (May be taken two times for credit.)</i> |
| | | | Introduces the student to the basic principles of antigen and antibody reactions included in blood grouping and typing, compatibility testing and serological procedures by performances in a student lab environment. Introduces serological and immunohematology procedures and techniques to measure analytes qualitatively and quantitatively. Successful completion of this course and HES 21 is required prior to enrollment in Clinical Immunology/Immunoematology Practicum, Health Technology 284. |
| HTEC 85A | Clinical Chemistry I Laboratory | 1 1/2 Units | <i>Corequisite: Health Technology 85A students must also enroll in HES 40 (Clinical Chemistry lecture at De Anza College via interactive video from Hartnell College, Salinas, CA.). Four and one-half hours laboratory. (May be taken two times for credit.)</i> |
| | | | Teaches the general laboratory principles and specific, basic instrumentation methodologies used in basic clinical chemistry analysis. After review of laboratory math, and reintroduction to qualify control and quality assurance, the student will be introduced to variables of the pre-analytical phase, characteristics important to quality lab technique and safety. Correlating test results with disease states will be accomplished. Successful completion of this course, HES 40, HES 41, and Health Technology 85B is required to enroll in Clinical Chemistry Practicum, Health Technology 285. |
| HTEC 85B | Clinical Chemistry II Laboratory | 1 1/2 Units | <i>Corequisite: Health Technology 85B students must also enroll in HES 41 (Clinical Chemistry II lecture at De Anza College via interactive video from Hartnell College, Salinas, CA.). Four and one-half hours laboratory. (May be taken two times for credit.)</i> |
| | | | Intermediate to advanced laboratory principles and techniques used in clinical chemistry analysis. The student will perform and study tests of the endocrine system, therapeutic drug assays and compounds, and other clinical chemistry tests specific to special chemistry department test menus. Highly automated instrumentation will be studied and used to demonstrate correct quality control, maintenance, and clinical operation. This course is taken the following semester after successful completion of HES 40 and Health Technology 85A. Successful completion of this course and HES 41, HES 40 and Health Technology 85A is required to enroll in Clinical Chemistry Practicum, Health Technology 285. |
| HTEC 90G | Basic Patient Care | 1 1/2 Units | <i>Corequisite: Health Technology 90G students must also enroll in Health Technology 101B. Advisory: Health Technology 60A. Three hours lecture-laboratory.</i> |
| | | | Medical asepsis, nutrition and diet therapy, vital signs, preparation of examining room and patient, various procedures in the medical office. |
| HTEC 90H | Medical Office Sterile Technique | 1 1/2 Units | <i>Corequisite: Health Technology 90H students must also enroll in Health Technology 101E. Advisory: Health Technology 60A and 90G. Three hours lecture-laboratory; one additional hour to be arranged.</i> |
| | | | Local application of heat and cold, medical office instruments, sterilization and disinfection of equipment and instruments, application of sterile gloves, assisting with minor office surgery, and bandaging. |
| HTEC 91 | Medical Office Diagnostic Tests | 1 1/2 Units | <i>Formerly Medical Assisting 91.) Corequisite: Health Technology 91 students must also enroll in Health Technology 101F. Advisory: Health Technology 60A. Three hours lecture-laboratory.</i> |
| | | | Electrocardiography, theory of assisting with physical therapy and x-ray examinations, theory of diagnostic procedures and instructions. |
| HTEC 92 | Medical Office First Aid | 1 1/2 Units | <i>Formerly Medical Assisting 92.) Advisory: Health Technology 60A. Three hours lecture-laboratory.</i> |
| | | | Fundamentals of emergency care in the medical office with emphasis on potential life-threatening health problems. |
| HTEC 93 | Pharmacology for Medical Assistants | 1 1/2 Units | <i>Formerly Medical Assisting 93.) Advisory: Health Technology 60A. Three hours lecture-laboratory.</i> |
| | | | Dosage calculation, drug legislation and standards, drug preparations and information regarding antibiotics, sulfonamides, antihistamines, and drugs that affect various systems of the body. |