

Ethnic Studies

Fine & Applied Arts/Behavioral Sciences Division

Program Description

This major is an interdisciplinary program which provides an opportunity for students to pursue organized studies of minority groups in American Society and to foster and expand general understanding of these groups. The courses allow for a wide latitude of study to meet a variety of interests with courses which fulfill competence in and an understanding of the unique contributions of American ethnic groups; interpretation of American ethnic culture as manifested in its history, its literature, and its social, economic, political, and philosophical development. (The course descriptions may be found under the appropriate disciplines.)

Associate in Arts Degree

The Associate in Arts Degree can be obtained by completing a total of 60 units, including the required courses in one of the majors listed below, the general education requirements, and electives.

Required Courses

African-American Studies

	Units
ENGL 033—Intro. Survey/ Black American Lit.	
OR	
ENGL 034—The Black Novel/Drama in America	3
SOCS 028—Intro to African Studies	3
HIST 028 or 029—African-American History	3
SOCS 022—Ethnic, Racial, and Minority Group Relations in Harmony and Conflict	3
SOC 023—Sociology of African-Americans	
OR	
SOCS 023—The African-American Family	3
Any course listed in any Ethnic Studies major	<u>3</u>
	18

Asian-American Studies

	Units
ENGL 037—Asian Literature	3
HIST 032—History of the Philippines	3
SOCS 022—Ethnic, Racial, and Minority Group Relations in Harmony and Conflict	3
SOCS 026—Filipino-American Experience	3
Any courses listed in any Ethnic Studies Major	<u>6</u>
	18

Latino Studies

	Units
ENGL 035—Intro. to Chicano Literature	3
SOCS 022—Ethnic, Racial, and Minority Group Relations in Harmony and Conflict	3
SOCS 025—Mexican-American Experience	3
SPAN 001 or 002 or 003 or 004 (one course) (5 units)	
OR	
HIST 030—History of Mexico (3 units)	
OR	
HIST 031— Mexican-American History (3 units)	3-5
Any courses listed in the Ethnic Studies Program	<u>6</u>
	18-20

Ethnic Studies

Native-American Studies

	Units
ENGL 032—Native American Literature	3
HIST 025—Intro to Native America Studies	3
SOCS 022—Ethnic, Racial, and Minority Group Relations in Harmony and Conflict	3
SOCS 027—Native American Experience	3
Any courses listed in any Ethnic Studies Major	<u>6</u>
	18

Ethnic Studies Combination

	Units
AMST 001 or 002—An Interdisciplinary Study of American Culture	3
SOCS 022—Ethnic, Racial, and Minority Group Relations in Harmony and Conflict	3
SPAN 001, 002, 003, or 004 (one course)	5
Electives selected from the following list	<u>12</u>
	23

Select 12 units from the following (all 3-unit courses):

ENGL 032—Native American Literature
ENGL 033—Intro. Survey of Black-American Literature
ENGL 034—Black Novel & Drama in America
ENGL 035—Intro. to Chicano Literature
ENGL 036—Survey of Amer. Multi-Ethnic Literature
HIST 025—Intro to Native American Studies
HIST 028 or 29—African-American History
HIST 030—History of Mexico
HIST 031—Mexican-American History
HIST 032—History of the Philippines
MUSC 007—Jazz and Popular Music in America: Ragtime to Rock
PSYC 024—Psych. of African-Americans
SOC 023—Sociology of African-Americans
SOCS 025—Mexican-Amer. Exper.
SOCS 026—Filipino-Amer. Exper.
SOCS 027—Native-Amer. Exper.

Recommended Electives for all Ethnic Studies Programs

AMST 001, 002
ANTH 002
COUN 055
ENGL 032, 037
ENGL 048 (Topics dealing with ethnic groups)
HIST 030
JAPN 101, 102
PHIL 031, 032
PLSC 005
SOCS 028, 048 (Topics dealing with ethnic groups)
SOC 002
SPAN 025
TAG 101, 102
THEA 13

Fashion Design

Fine & Applied Arts/Behavioral Sciences Division

NOTE: The Fashion Design program is currently on hold. The future of the program is under discussion

Program Description

This program is designed for vocational majors planning employment in clothing and textiles and other fashion-related occupations.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion the 33-35 unit major. The Associate in Science Degree can be obtained upon completion of a total of 60 units, including the major, general education requirements, and electives.

Required Courses

	Units		Units
FDES 031—Textiles	3	BUS 182—Small Business Math (1 unit)	
FDES 060—Clothing Selection	3	OR	
FDES 061—Fitting & Grading Patterns	4	BUS 005—Introduction to Business (3 units)	1-3
FDES 062—Clothing Construction	3	FMER 053—Fashion Merch.	3
FDES 063—Costume History	3		33-35
FDES 064—Adv. Const./Tailoring	3	Recommended Electives:	
FDES 065—Alt. & Fit/Ready-to-Wear	1	BUS 184, 185	
FDES 066—Fashion Design by Flat Pattern & Draping	4	FDES 067	
FDES 068/DRFT 68—CAD/Apparel Dsgn	3	FMER 054, 055, 057	
ART 058—Fashion Illustration	2	OCED 090, 091	

FDES 031

3 Units

Textiles

Course Advisories: SCC minimum English and math standards. The study of basic textile technology including fibers, yarns, fabric construction and finishes. Evaluation is based on written examinations, fabric swatch books, and written assignments. (CAN FCS 6). *Three hours lecture.*

FDES 060

3 Units

Clothing Selection

Course Advisories: SCC minimum English and math standards. Explores the relationships between clothing and culture, society and the individual from the perspective of design, color, physique. Evaluation is based on classroom participation, written examinations, and written assignments. *Three hours lecture.*

FDES 061

4 Units

Fitting and Grading Patterns

Course Advisories: SCC minimum English and math standards. The study of fit in clothing and the methods by which any pattern may be altered and graded. Evaluation is based on written examinations, pattern alteration problems, and class participation. *Three hours lecture, three hours lab.*

FDES 062

3 Units

Clothing Construction

Course Advisories: SCC minimum English and math standards. The study of custom clothing construction techniques including pattern adjustment, fabric selection and equipment usage. Evaluation is based on clothing constructed, sample skills, and written exams. *Two hours lecture, three hours lab.*

FDES 063

3 Units

Costume History

Course Advisories: SCC minimum English and math standards. The study of world costume from the earliest time to the present. Evaluation is based on written examinations, written summaries, and classroom participation. *Three hours lecture.*

FDES 064

3 Units

Advanced Construction/Tailoring

Course Advisories: SCC minimum English and math standards. The study of traditional and contemporary techniques of tailoring for men or women. Evaluation is based on clothing constructed, sample skills, written examinations. *Two hours lecture, three hours lab.*

Fashion Design

FDES 065	1 Unit	FDES 152	1, 2, or 3 Units
Alterations and Fit in Ready-to-Wear <i>Course Advisories: SCC minimum English and math standards.</i> The study of alterations and fit in ready-to-wear clothing. Restyling, marking, costing and construction techniques will be applied to men, women and children's clothing. Evaluation will be based on written examinations, garment alterations, and classroom participation. <i>One-half hour lecture, one and one-half hour lab.</i>		Special Clothing Projects The study of specialized areas of clothing construction including stage costume, historical costume, flat pattern design, tailoring and adaptive sewing techniques for persons with physical or learning limitations. An optional-units, individually contracted course. Students contract to spend 34 hours in the classroom completing their contract goals for 1 unit, 68 hours in the classroom for 2 units, and 85 hours in the classroom for 3 units. Evaluation is based upon written examinations, clothing project, and classroom participation. May be repeated to a maximum of 9 units, including initial enrollment. <i>Two hours lecture, three hours lab.</i>	
FDES 066	4 Units		
Fashion Design by Flat Pattern and Draping <i>Course Advisories: SCC minimum English and math standards.</i> The creation of fashion design through flat pattern and draping. Evaluation is based on written examination, design notebook, garments constructed, class participation. Repeatable 1 time. <i>Three hours lecture, three hours lab.</i>			
FDES 067	.5 Unit		
Designing Children's Clothes <i>Course Advisories: SCC minimum English and math standards.</i> The study of clothing design for children. Evaluation is based on classroom participation and written examinations. <i>Eight hours total for the semester.</i>			
FDES 068	3 Units		
CAD in Apparel Design <i>Course Advisories: SCC minimum English and math standards and computer experience.</i> Teaches the use of the computer in apparel design. Students will create patterns for a size range, develop and print a production cutting marker. <i>Two hours lecture, four hours lab.</i>			
FDES 100	.5 Unit		
Fashion I An intensive, short-term course for professionals and students who wish to learn about recent research and developments in design and production methods. <i>Eight hours total for the semester.</i>			
FDES 104	3 Units		
Beginning Clothing Construction <i>Course Advisories: SCC minimum English and math standards.</i> The study of clothing construction techniques for students with little or no experience in sewing. Evaluation is based on written examinations, construction skills, and classroom participation. <i>Two hours lecture, three hours lab.</i>			

NOTE: The Fashion Merchandising program is currently on hold. The future of the program is under discussion

Fashion Merchandising

Fine & Applied Arts/Behavioral Sciences Division

Program Description

An inter-departmental program offering a two-year curriculum. Graduates may elect to continue their studies at a four-year school or enter the industry directly. The graduate with a major in Fashion Merchandising should expect an entry level training position leading toward goals such as assistant buyer, display director, department manager, fashion coordinator, or store owner. Both full and part-time study options are available.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained by completing the 30-31-unit major listed below. The Associate in Science Degree may be obtained by completing a total of 60 units, including the major, the general education requirements, and electives.

Required Courses

	Units	FDES 060—Clothing Selection	
FMER 053—Fashion Merchandising	3	OR	
FMER 054—Visual Merchandising	3	INTD 050—Interior Design	3
FMER 056—Fashion Buying & Department Management Procedures	3	MKT 171—Marketing	
FMER 057—Fashion Sales Promotion	3	OR	
FMER 059—Fashion Coordination	3	ECON 001—Principles of Economics	3
BUS 181—Business Mathematics (3 units)		MKT 174—Retail Merchandising	
OR		OR	
ACCT 001—Prin./Accounting-Fin. (4 units)	3-4	BUS 005—Introduction to Business	3
FDES 031—Textiles	3		30-31
		Recommended Electives:	
		ART 058	
		FMER 055	
		OCED 090, 091	

FMER 053

3 Units

Fashion Merchandising

Course Advisory: SCC minimum English standard. An introduction to the field of Fashion Merchandising and the function of same at all levels of the fashion business. Reading of the text and trade publications plus a survey of merchandising applications in design, manufacturing, retailing, and sales promotion of fashion goods are required. *Three hours lecture.*

FMER 054

3 Units

Visual Merchandising

Course Advisories: SCC minimum English and math standards. An introduction to the visual presentation of fashion merchandise as a sales promotion tool. Content includes the principles of design, color and lighting. Emphasis is given to materials, props, equipment, and fixtures used in both window and store interior display. *Three hours lecture.*

FMER 055

1 Unit

Visual Merchandising Lab

Prerequisite: FMER 054 (may be taken concurrently). Involves the application of visual merchandising theory as this relates to designing, developing and building a variety of displays. Interior as well as window displays are completed. Beginning students complete basic displays that are simple to execute. Intermediate and advanced students complete displays which require an increased level of proficiency and expertise to plan and execute. Repeatable 2 times. *Three hours lab.*

FMER 056

3 Units

Fashion Buying and Department Management Procedures

Course Advisories: SCC minimum English and math standards. Covers the buying and management practices, procedures, activities, consideration and techniques that are involved in the management of fashion departments and the purchasing of fashion merchandise. Designed to prepare future department managers, small store owners, and applicants to executive level training programs in all types of retail businesses specializing in fashion apparel and/or related items. *Three hours lecture.*

FMER 057

3 Units

Fashion Sales Promotion

Course Advisory: SCC minimum English standard. An overview of the techniques involved in the promotion of fashion merchandise. Covers the specific areas of personal selling, fashion advertising and fashion show production. *Three hours lecture.*

FMER 059

3 Units

Fashion Coordination

Involves the coordination of all aspects of sales promotion activities that may be used by a manufacturer or retailer. Students must develop a coordinated promotional package that includes advertising, display, a fashion show and special events. *Three hours lecture.*

Film and Television

Fine & Applied Arts/Behavioral Sciences Division

Program Description

This program is designed to provide fundamental theory and practical experiences required for a career in film and/or television .

Associate in Arts Degree

The Associate in Arts Degree can be obtained upon completion of a total of 60 units, including the 18-unit major, the general education requirements, and electives.

Required Courses

	Units	
CINA 010—The Art of the Cinema	3	Recommended Electives: ART 010 CINA 011 JOUR 011 MUSC 008 PHOT 030 SPCH 015 THEA 001, 002, 010, 048, 050, 098 TV 061, 098, 099
CINA 015—Film Production	3	
TV 050—Survey of Broadcasting	3	
TV 055—Beginning Television Production	3	
TV 056—Advanced Television Production		
OR		
CINA 016—Film Production	3	
TV 060—Television & Film Writing	3	
	18	

Cinematography

CINA 010

3 Units

The Art of the Cinema

Course Advisory: SCC minimum English standard. An introduction to film history, aesthetic principles and production techniques of motion pictures. Important cinematic styles and trends are examined and representative films of major American and foreign film directors are viewed. Written exams, film screenings and film criticism are required. *Three hours lecture.*

CINA 011

3 Units

American Cultures in Film

Course Advisory: ENGL 001. A film studies approach to understanding ethnicity, culture, race, discrimination, gender, class and pluralism in America. Includes screenings of films by and/or about Asian Americans, African-Americans, European Americans, Hispanic Americans, Native Americans, and selected readings, written critical analysis and discussion. *Three hours lecture.*

CINA 015

4 Units

Film Production

Prerequisite: CINA 010 or concurrent enrollment. An introduction to film production equipment, techniques and principles. Includes applications of producing, directing, writing, cinematography, editing and sound recording. Students are required to demonstrate knowledge of the above in student produced films, film exercises and written work. *Three hour lecture, three hours weekly by arrangement.*

CINA 016

4 Units

Film Production

Prerequisite: CINA 015 or concurrent enrollment. The application of filmmaking principles and techniques in the production of student produced animated, documentary, educational and/or dramatic films. Emphasis is on developing skill and creativity as a producer/director and refining basic technical competence. A final film project is required. Repeatable 2 times. *Three hour lecture, three hours weekly by arrangement.*

Television

TV 050

3 Units

Survey of Broadcasting

Course Advisory: SCC minimum English standard.

Introduction to radio and television as mediums of mass communication. The history, development and structure of radio and television are studied, and their impact on society and culture. Students are required to demonstrate knowledge of course content through written tests and projects. *Three hours lecture.*

TV 055

3 Units

Beginning Television Production

Prerequisite: TV 050 or concurrent enrollment. Offers introductory training in the fundamentals of TV studio production, including producing, directing, scriptwriting, performing, production crewing, set graphics and designing. TV production projects are required. *Three hours lecture.*

TV 056

3 Units

Advanced Television Production

Prerequisite: TV 055 or previous television production experience. Presents the fundamentals of on-location and studio production applied to news, public affairs, and dramatic programs. Students are required to produce, direct, write, and crew on TV programs. Repeatable 1 time. *Two hours lecture, two hours lab.*

TV 060

3 Units

Television & Film Writing

Course Advisory: ENGL 001. Presents the fundamental principles, techniques and formats of writing for film and TV, including analysis and study of professionally written scripts. Scriptwriting assignments for news, public affairs, editorials, public service announcements, commercials, documentaries, and dramas are required. *Three hours lecture.*

TV 061

3 Units

Advanced Film Writing

Prerequisite: TV 060 or presentation of a treatment or well structured story line acceptable to the instructor. Script writing for the motion picture, including dramatic structure, scene and sequence structure, and character development. Each student will complete an original script for a full length motion picture. Repeatable 1 time. *Three hours lecture.*

TV 099

1-3 Units

Telecommunications Honors

Prerequisites: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a grade of "B" or better; an ability to work independently; permission of the division Dean based on instructor availability. Allows the advanced student to work independent of the structured classroom environment in areas of special concern during hours set by arrangement with instructor. Students are required to complete their independent study goals as arranged through contract with their instructor at the beginning of the semester. May be repeated to a maximum of 6 units, including initial enrollment. *Three to nine hours weekly by arrangement.*

Special Topics

These courses, numbered 098, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Fine Arts

Fine & Applied Arts/Behavioral Sciences Division

Program Description

An interdisciplinary program designed to provide a broad exposure to the fine arts. The program includes courses in Theatre Arts, Telecommunications, Music and Art. (The individual course descriptions may be found under the appropriate disciplines.)

Associate Arts Degree

The Associate in Arts Degree can be obtained by completing a total of 60 units, including the 18-unit major listed below, the general education requirements and electives. (The individual course descriptions may be found under the appropriate disciplines.)

Required Courses

	Units
ART 010—Art Appreciation	3
MUSC 007—Jazz and Popular Music in America: Ragtime to Rock OR MUSC 008—Music Appreciation	3
THEA 001—Principles & Theory of Acting OR THEA 010—History of Theatre I	3
TV 050—Survey of Broadcasting OR CINA 010—The Art of the Cinema	3
Plus 3 units from the following:	3
MUSC 005—Music Fundamentals (3 units)	
MUSC 010—Concert Band (2 units)	
MUSC 014—Jazz Ensemble (2 units)	
MUSC 020—Choir (2 units)	
MUSC 022—Musical Theater (1-3 units)	
MUSC 025—Chamber Choir (2 units)	
MUSC 026—Vocal Jazz Ensemble (2 units)	
MUSC 027,028,029,030—Piano (1 unit each)	
Plus 3 units from the following:	3
ART 004—Life Drawing (2-3 units)	
ART 006—Design (3 units)	
ART 015—Intro. to Drawing (2 units)	
ART 023—Intro./Ceramics: Hand Building (2-3 units)	
ART 026—Intro./Ceramics: Wheel Throwing (2-3 units)	
ART 031—Sculpture (2-3 units)	
	18

Recommended Electives:

SPCH 001, 015
PHOT 148
THEA 003, 005, 007
TV 055

Program Description

This program was established under direction of Solano County fire protection agencies and offers both an intensive training course culminating in a Certificate of Achievement and a well-rounded educational program leading to the Associate in Science Degree. Instructors in this program are experienced members of the fire service field. In addition, a Fire Technology Academy for recently recruited fire service personnel and pre-service students is conducted periodically. The curriculum consists of courses selected from the regular fire technology course offerings.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion of the 30-unit major with a grade of "C" or better in each course. The Associate in Science Degree can be obtained upon completion of a total of 60 units, including the major with a grade of "C" or better in each course, the general education requirements, and electives.

Required Courses

	Units
*FIRE 050—Fire Protection Organization	3
FIRE 051—Fire Behavior & Combustion	3
FIRE 053—Fire Prevention Technology	3
FIRE 054—Fire Protection Equipment & Systems	3
FIRE 055—Fund. of Fire Service Operations	3
FIRE 056—Building Construction for the Fire Serv	3
12 units from electives below	12
Total required units:	30

Select 12 units from the following electives:

ECTN 102—Electrical Safety (1 unit)
FIRE 060—Wildland Pyrophyte Taxonomy (3 units)
FIRE 083—Fire Candidate Phys. Fitness (2 units)
*FIRE 102—Fire Service Safety Practices (3 units)
FIRE 112—Hazardous Materials (3 units)
FIRE 113—Wildland Firefighter Academy (12 units)
FIRE 114—Fire Apparatus Maintenance (3 units)
FIRE 117—Confined Space Awareness (2 units)
FIRE 118—Confined Space Rescue (2 units)

Electives continued:

FIRE 119—Trench Rescue (2 units)
FIRE 134—Fire Prevention 1A (2 units)
FIRE 135—Fire Prevention 1B (2 units)
FIRE 140—Fire Technology Academy (18 units)
FIRE 145—Fire Investigation I (2 units)
FIRE 146—Fire Investigation II (2 units)
FIRE 148Q-Z—Special Topics (2 units/ea)
FIRE 150—Fire Command 1A (2 units)
FIRE 151—Fire Command 1B (2 units)
FIRE 155—Incident Command 1 (.5 unit)
FIRE 161—Fire Management 1 (2 units)
FIRE 170—Fire Service Instructor 1A (2 units)
FIRE 171—Fire Service Instructor 1B (2 units)
FIRE 190—Emergency Response to Terrorism (3 units)
FIRE 250—Logistics Section Chief-I450 (3 units)
FIRE 251—Supply Unit Leader SEMS/ICS (2 units)
OCED 090—Occupational Work Experience (4 units)

*Fire service personnel may take Fire Technology electives in lieu of these courses providing they are a current EMT and CPR card holder.

Information on State Fire Marshal Certification

The following Solano College courses satisfy the **course** requirements for the indicated State Fire Marshal Certification:

Investigator I—FIRE 145 & 146
Public Education Officer I—FIRE 134 & 135
Fire Instructor I—FIRE 170 & 171
Prevention Officer I—FIRE 134, 135 & 136
Prevention Officer II—FIRE 174, 196, 176
Chief Officer—FIRE 165, 166, 167, 168, 185, 186, 187, 188, 189

Fire Technology

Hazardous Substance and Waste Handling Technician

Certificate of Achievement Only

A Certificate of Achievement in Hazardous Substance and Waste Handling can be obtained by completing the courses listed below. Training meets OSHA requirements for workers handling hazardous substances. An Associate of Science Degree is not available with this option.

Required Courses

	Units	
FIRE 050—Intro. to Fire Technology	3	Recommended Electives OCED 091 FIRE 114
FIRE 102—Fire Service Safety Practices	3	
FIRE 112—Hazardous Materials I	3	
FIRE 115—Hazardous Waste Operations	2	
FIRE 116—Hazardous Waste Management	3	
FIRE 123—Fire Serv. Principles & Procedures I	3	
IMGT 172—Industrial Safety		
OR		
IMGT 173—Occupational Safety & Health	<u>3</u>	
	20	

Firefighter 1 Skills Certification

*NOTE: Chancellor's Office
Approval Pending*

Certificate of Achievement Only

A Certificate of Achievement in Firefighter 1 Skills Certification can be obtained by completing the courses listed below. Training is accredited by the State Fire Marshall for Fire Fighter 1 Certification. An Associate of Science Degree is not available with this option.

Required Courses

	Units
FIRE 050—Fire Protection Organization**	3
FIRE 113—Wildland Firefighter Academy**	12
FIRE 140—Firefighter 1 Academy	18

Select from the following options:

Option 1—EMT 212--Emergency Medical Technician** 4.5-5
37.5-38

OR

Option 2—FIRE 128--Emergency First Responder/Fire Service 3
36

**Prerequisites for Fire 140-Firefighter 1 Academy

Job-Direct Certificates

Requirements: All courses for Job-Direct Certificates must be completed with a grade of "C" or better.

<u>Hazmat Worker</u>	Units
Required Courses	
FIRE 115—Hazardous Waste Operations	2
FIRE 128—Emergency Care of the Sick and Injured	<u>1</u>
	3

<u>Pre-Fire Technician</u>	Units
Required Courses	
FIRE 148BB—Introduction to Homeowner Inspections	1
FIRE 148CC—Intro. to Pre-Fire Instruments/Defensible Space Design	4
FIRE 148DD—Introduction to Pre-Fire Engineering	3
FIRE 148EE—Pre-Fire Fuels Management	3
FIRE 148FF—Fire Operations in the Wildland Urban Interface	3
FIRE 148GG—Pre-Fire Silvicultural Practices	<u>3</u>
	17

<u>Wildland Fire Technology</u>	Units
Required Courses	
FIRE 060—Wildland Pyrophyte Taxonomy	3
FIRE 113—Wildland Firefighter Academy	<u>12</u>
	15

FIRE 050 **3 Units**

Fire Protection Organization

Course Advisory: SCC minimum English standard.

Presents an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. This is a Fire Technology core course and must be completed with a final grade of "C" or better in order to receive an Associate Degree or Certificate of Achievement in Fire Technology. *Three hours lecture.*

FIRE 051 **3 Units**

Fire Behavior and Combustion

Course Advisory: SCC minimum English standard.

Provides fundamental information and knowledge of the physical and chemical characteristics of matter, fire, hazardous materials, weapons of mass destruction identification, and basic extinguishment theory. This is a Fire Technology core course and must be completed with a final grade of "C" or better in order to receive an Associate Degree or Certificate of Achievement in Fire Technology. *Three hours lecture.*

Fire Technology

FIRE 053

3 Units

Fire Prevention Technology

Course Advisory: SCC minimum English standard.

Presents the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationship of fire preventions with fire safety education and detection and suppression systems. This is a Fire Technology core course and must be completed with a final grade of "C" or better in order to receive an Associate Degree or Certificate of Achievement in Fire Technology. *Three hours lecture.*

FIRE 054

3 Units

Fire Protection Equipment and Systems

Course Advisory: SCC minimum English standard.

Provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers. This is a Fire Technology core course and must be completed with a final grade of "C" or better in order to receive an Associate Degree or Certificate of Achievement in Fire Technology. *Three hours lecture.*

FIRE 055

3 Units

Fundamentals of Fire Service Operations

Course Advisory: SCC minimum English standard.

Presents the fundamentals of fire department organization, management, and resources, and the use of those resources to control various emergencies. This is a Fire Technology core course and must be completed with a final grade of "C" or better in order to receive an Associate Degree or Certificate of Achievement in Fire Technology. *Three hours lecture.*

FIRE 056

3 Units

Building Construction for the Fire Service

Course Advisory: SCC minimum English and math standards.

Presents all of the major components of the common types of structures used for business and residential purposes that will provide the student with the basic building construction knowledge to safely perform rescue operations and suppress fires in structures and their surrounding appurtenances. This course must be completed with a final grade of "C" or better in order to receive an Associate Degree or Certificate of Achievement in Fire Technology. *Three hours lecture.*

FIRE 060

3 Units

Wildland Pyrophyte Taxonomy

Course Advisory: SCC minimum English and math standards.

Provides basic identification of the most common and dangerous wild land pyrophyte plant species and their corresponding firefighting mitigation practices. Prepares the rural homeowner living in the wild land areas of California and the wild land firefighter with the information necessary to safely suppress wild land fires and protect structures in advance of wild land fires. *Three hours lecture, one hour lab.*

FIRE 083 (same as PE 083)

2 or 2.5 Units

Fire Candidate Physical Fitness

Course Advisories: SCC minimum English and math standards.

Provides lifelong fitness knowledge to gain employment with a federal, state, county, city or special district fire agency. Provides certification with the Fire Service Joint Labor Management Wellness/Fitness Initiative "Candidate Physical Ability Test." Repeatable 3 times. *One hour lecture, two or three hours activity.*

FIRE 102

3 Units

Fire Service Safety Practices

Course Advisory: Eligibility for ENGL 001. Designed to provide basic skills in assessing environmental and fire dangers in the home, at the fire station, on the fire ground, on wildland fires, or while operating a fire vehicle. Successful students will receive a NWCG Fire Safety Officer Certificate. *Three hours lecture.*

FIRE 112

3 Units

Hazardous Materials I

Course Advisory: SCC minimum English standard.

A study of fire protection chemistry and physics; analysis and discussion of fire protection emergencies and their solutions relative to the manufacture, storage, transportation, handling and use of acids, alkalies, space-age fuels and other hazardous materials. Repeatable 3 times. *Three hours lecture.*

- FIRE 113** **12 Units**
Wildland Firefighter Academy
Course Advisory: SCC minimum English standard. This course presents the basic principles, and safety requirements and techniques of wild land fire prevention, human behavior issues on firelines and fire control. It covers legal areas of wild land fire protection, emergency situation leadership, fire prevention and mutual aid systems for federal wild land fire management and control personnel. This course is recommended for fire technology, forestry, conservation, public land stewards, wildlife preserve workers, and wildlife majors. Successful completion of this course will result in the student obtaining the nationally recognized seasonal fire fighting certificates required by the USDA Forest Service, the Bureau of Land Management, the National Park Service, the Bureau of Indian Affairs, and other federal firefighting agencies in order to secure a position with said agencies as a seasonal firefighter. The following National Wildfire Coordinating Group (NWCG) certificates will be issued to the students who obtain at least an 80% average: S-110 Basic Wild land Fire Suppression Orientation, S-190 Introduction to Wild land Fire Behavior, S-130 Firefighter Training, S-131 Advanced Firefighter Training, S-134 Safety Procedures for "Lookouts, Communications, Escape Routes and Safety Zones," e.g. LCES, S-211 Portable Pumps, S-212 Wild Land Fire Chain Saws, I-200 Introduction to the Incident Command System, P-101 Introduction to Wild Land Fire Prevention, P-110 Inspecting Fire Prone Properties, P-130 Wild Land Fire Cause Determination for First Responders, L-180 Leadership: Human Factors on the Fire line, and certification of having taken and passed the physical endurance; agility federal wild land fire agency approved "Pack Test." *Ten hours lecture, six hours lab.*
- FIRE 114** **3 Units**
Fire Apparatus Maintenance
Course Advisories: Eligibility for ENGL 001 and SCC minimum math standards. Introduces fire technology students to basic fire apparatus maintenance and troubleshooting techniques typically associated with the lubrication, coolants, drive train, engine, tires, batteries, and other moving parts of a piece of firefighting apparatus. *Three hours lecture.*
- FIRE 115** **2 Units**
Hazardous Waste Operations
Course Advisories: SCC minimum English and math standards. Study of hazardous waste identification and handling techniques. Prepares individuals to identify a product, select safety equipment to wear, and how to mitigate clean-up procedures. *Two hours lecture, one hour lab.*
- FIRE 116** **3 Units**
Hazardous Substance Management
Course Advisory: SCC minimum English standard. Designed to give business personnel, hazardous substance handlers, and others an overview of federal and state organizations responsible for hazardous waste and substance laws. An introduction to the Occupational Safety and Health Administration (OSHA) 29CFR1910.120 worker right to know laws will also be covered. Participants will be trained to identify and utilize the different hazardous materials identification systems. *Three hours lecture.*
- FIRE 117** **2 Units**
Confined Space Awareness
Course Advisory: SCC minimum English and math standards. Upon successful completion of this course the student will be aware of the hazards associated with confined space and how to properly mitigate these hazards. *Forty hours lecture (1 week course).*
- FIRE 118** **2 Units**
Confined Space Rescue
Course Advisory: SCC minimum English and math standards. Upon successful completion of this course the student will have acquired all the required skills and knowledge necessary to perform a safe and properly executed confined space rescue under emergency conditions. *Forty hours lecture (1 week course).*
- FIRE 119** **2 Units**
Trench Rescue
Course Advisory: SCC minimum English and math standards. The student must be able to identify the hazards associated with trench rescue and master the skills necessary to mitigate those hazards as demonstrated in actual trench rescue manipulative skills sessions. Demonstration of critical thinking thought processes relative to safety during a simulated trench rescue will be an essential element of the course. Each student must bring to the class an approved safety helmet, safety glasses, gloves, hearing protection, and lug soled 8 inch high leather boots with steel toes and shank. *Forty hours lecture (1 week course).*
- FIRE 123** **1 Unit**
Fire Service Principles and Procedures I
A study of the related tools and equipment used in fire suppression and rescue work. Repeatable 3 times. *Sixteen hours lecture, five hours lab (1 week course).*

Fire Technology

FIRE 124 Fire Service Principles and Procedures II <i>Course Advisory: SCC minimum English standard.</i> Presents the application of the basic skills in connecting, elevating and controlling hose lines and streams. Repeatable 3 times. <i>Sixteen hours lecture, eight hours lab (1 week course).</i>	1 Unit	FIRE 129 Fire Control I <i>Course Advisory: SCC minimum English standard.</i> Study of how fires start, spread and are controlled. Repeatable 3 times. <i>Twenty-four hours lecture (1 week course).</i>	1 Unit
FIRE 125 Fire Service Principles and Procedures III <i>Course Advisory: SCC minimum English standard.</i> Designed to train personnel in volunteer and paid fire departments. Includes laying single and multiple lines of hose, coupling hose, loading hose, connecting and operating hose devices, and connecting hose lines to auxiliary appliances. Repeatable 3 times. <i>Sixteen hours lecture, five hours lab (1 week course).</i>	1 Unit	FIRE 130 Fire Control II <i>Course Advisory: SCC minimum English and math standards.</i> Study of the identification of fire problems, use of equipment and personnel in search, rescue, and lifesaving situations created by fire. <i>Twenty-four hours lecture (1 week course).</i>	1 Unit
FIRE 126 Fire Service Principles and Procedures IV <i>Course Advisory: SCC minimum English standard.</i> Designed to train personnel in volunteer and paid fire departments. Includes operation of stream appliances, hose operations above and below street level, salvage covers, fold and carry covers, spread and hand covers, improvising with covers, protecting building contents, and operation of air moving equipment. Repeatable 3 times. <i>Sixteen hours lecture, five hours lab (1 week course).</i>	1 Unit	FIRE 131 Fire Control III <i>Course Advisory: SCC minimum English standard.</i> Designed to prepare company officers or potential officers to supervise fire-ground operations, control serious fires, and deal with other emergencies requiring a sound knowledge of the principles of strategy and tactics. <i>Twenty-one hours lecture (1 week course).</i>	1 Unit
FIRE 127 Fire Service Principles and Procedures V <i>Course Advisory: SCC minimum English standard.</i> Designed to train personnel in volunteer fire departments. Includes use of water removal tools and equipment, removal of debris and hazards, collection and preservation of evidence, operation of fire protection systems, identification of hazardous and explosive materials, use of life lines and belts, and traffic control. Repeatable 3 times. <i>Sixteen hours lecture, five hours lab (1 week course).</i>	1 Unit	FIRE 132 Pump Operation and Fire Hydraulics <i>Course Advisory: SCC minimum English standard.</i> Presents the principles of hydraulics as they relate to pumps used in fire fighting and appurtenant manipulative skills that accompany these principles. Repeatable 3 times. <i>Thirty-two hours lecture, eight hours lab (1 week course).</i>	2 Unit
FIRE 128 Emergency Medical First Responder for the Fire Service <i>Course Advisory: SCC minimum English standard.</i> Provides the student with the basic emergency care procedures for sick and injured victims as a first responder including: cuts, abrasions, broken bones, trauma injuries, burns and respiratory/cardiovascular emergencies. Repeatable 3 times. <i>Forty-eight hours lecture, four hours lab (1 week course).</i>	3 Unit	FIRE 134 Fire Prevention 1A <i>Course Advisory: SCC minimum English standard.</i> Study of federal, state, county, and local fire protection legislation; fire prevention codes, fire protection aspects of building codes, the role of the State Fire Marshal in fire protection legislation and enforcement, and fire protection legislation application and enforcement. <i>Forty hours lecture (1 week course).</i>	2 Units
		FIRE 135 Fire Prevention 1B <i>Course Advisory: SCC minimum English standard.</i> Continuation of Fire Prevention I with emphasis on the California Administrative Code, Uniform Building Code and Title 19. <i>Forty hours lecture (1 week course).</i>	2 Units

- FIRE 136** **2 Units**
Fire Prevention III
Course Advisory: SCC minimum English standard. An in-depth survey of the fire prevention regulations and problems surrounding the storage, transfer and handling of flammable liquids and gases. Topics include installation practices for above ground and underground tanks, hazards of transfer and finishing processes, piping and valve requirements, venting procedures and devices, drainage and diking systems, investigation of leaks, and maintenance procedures. Repeatable 2 times. *Forty hours lecture (1 week course).*
- FIRE 140** **18 Units**
Fire Technology Academy
Prerequisite: FIRE 050; FIRE 113; AND EMT 212 OR FIRE 128 (in lieu of EMT 212) NOTE: Course Advisories: SCC minimum English and math standards. NOTE: Prospective Firefighter I Academy students will be required to fill out a Personal Health History Questionnaire that depicts the student's health history. Based upon the information in this questionnaire, a medical examination may be required. A course containing the contents of FIRE 115, 123, 124, 125, 126, 127, 129, 130, 131 and 083. Upon successful completion, the student will become eligible for certification by the State Fire Marshall's Office as a Fire Fighter I. *Thirty hours lecture, ten hours lab (9 week course).*
- FIRE 145** **2 Units**
Fire Investigation I
Course Advisory: SCC minimum English standard. Presents the methods for determining the cause and place of fire origin, investigative techniques for accidental and incendiary fires, recognition and preservation of evidence, developing an arson case, trial preparation and courtroom testimony, preparation of adequate reports, fire investigation photographs and diagrams. *Forty hours lecture (1 week course).*
- FIRE 146** **2 Units**
Fire Investigation II
Course Advisory: SCC minimum English standard. A continuation of Fire Investigation with emphasis on case preparation and courtroom demeanor. *Forty hours lecture (1 week course).*
- FIRE 150** **2 Units**
Fire Command 1A
Course Advisory: SCC minimum English standard. Presents the fire science principles and techniques applied to fire control and extinguishment; effective and efficient use of manpower, equipment, communications at fires and fire-related emergencies; pre-fire planning methods and techniques, and control and extinguishing methods for fires of all types. *Forty hours lecture (1 week course).*
- FIRE 151** **2 Units**
Fire Command 1B
Course Advisory: SCC minimum English standard. Presents the fire science principles and techniques applied to fire control and extinguishment; effective and efficient use of manpower, equipment, communications at fire and fire-related emergencies; pre-fire planning methods, techniques of control and extinguishing methods for fires of all types. The principles and techniques described are related to hazardous materials incidents. *Forty hours lecture (1 week course).*
- FIRE 155** **.5 Unit**
Incident Command I
Course Advisories: SCC minimum English and math standards. A course containing the contents of the Incident Command System (FIREScope i-200) including establishing the identity of command and resource section assignments of planning, operations, safety, logistics, resources, finance administration and communications. *Twelve hours lecture (1 week course).*
- FIRE 161** **2 Units**
Fire Management I
Course Advisory: SCC minimum English standard. Study of fire company functions, operations, and public safety responsibilities; duties, functions, and responsibilities of fire company personnel; fire company personnel instruction, training, and administration; fire company records, reports and public relations with an emphasis on the company officers' role. *Forty hours lecture (1 week course).*
- FIRE 165** **2 Units**
Fire Management 2A Organization and Development
Course Advisories: SCC minimum English and math standards. Prepares students to recognize and react to the different internal and external personality traits. Student will be taught to utilize fire service management principles in handling the different personality traits. *Forty hours lecture (1 week course).*
- FIRE 166** **2 Units**
Fire Management 2B Finance for Chief Officer
Course Advisories: SCC minimum English and math standards. Teaches the student to analyze, prioritize and adjust budget requests. Students will be taught to assemble, reinforce, and sell their budget proposals. *Forty hours lecture (1 week course).*

Fire Technology

FIRE 168

2 Units

Fire Management 2D Master Planning

Course Advisories: SCC minimum English and math standards. Fire service program planning, master planning, forecasting, systems analysis, and policy analysis. *Forty hours lecture (1 week course).*

FIRE 169

2 Units

Fire Management 2E Issues and Concepts

Course Advisories: SCC minimum English and math standards. Prepares students to work with the different legislative bodies and be familiar with urban politics. Special emphasis is placed on preparing students to work with different public agencies. *Forty hours lecture (1 week course).*

FIRE 170

2 Units

Fire Service Instructor 1A

Course Advisory: SCC minimum English standard. Provides a variety of methods and techniques to help fire service personnel select, develop and organize material for in-service programs. Includes methods of evaluation and an opportunity to apply major principles of learning through practice demonstrations. Designed for fire company officers who conduct in-service training programs. Repeatable 3 times. *Forty hours lecture (1 week course).*

FIRE 171

2 Units

Fire Service Instructor 1B

Course Advisory: SCC minimum English standard. Designed to give the student more sophistication in the development, implementation and evaluation of in-service programs in the fire service. *Forty hours lecture (1 week course).*

FIRE 174

2 Units

Prevention 2A Systems and Building Components

Course Advisories: SCC minimum English and math standards. Designed for personnel who are seeking employment or are currently employed in the fire service or other related industrial fields. Emphasis is placed on utilizing codes relative to extinguishing or alarm systems and the evaluation of fire resistive building construction. *Forty hours lecture (1 week course).*

FIRE 176

2 Units

Prevention 2C Special Hazard Occupancies

Course Advisories: SCC minimum English and math standards. Special fire prevention challenges. This course addresses industrial ovens, finishing processes, welding, refrigeration systems, and medical gases. *Forty hours lecture (1 week course).*

FIRE 177

2 Units

Investigation 2A Criminal & Legal Procedures

Course Advisories: SCC minimum English and math standards. Enables the student to effectively gather the required information for a search warrant and present it properly to a magistrate. Through mock trial, students learn proper court room demeanor and cross-examination skills. *Forty hours lecture (1 week course).*

FIRE 180

2 Units

Fire Science Public Education Officer I

Course Advisory: SCC minimum English standard. Topics include systematic planning process for public education, use of CFIRS to analyze local fire problems, communication skills, program evaluation, working with the media, integrating programs into schools, gaining community support, fire safety for children, interviewing and counseling juvenile fire setters, creating and using audio visual resources, and ideas and resource sharing. Repeatable 3 times. *Forty hours lecture (1 week course).*

FIRE 185

2 Units

Fire Command 2A Command Tactics at Major Fires

Course Advisories: SCC minimum English and math standards. Designed for chief officers and company officers, it prepares the student to use management techniques and the incident command system when commanding multiple alarms or large numbers of suppression forces. Applies to CHIEF OFFICER and accredited by CFSTES. *Forty hours lecture (1 week course).*

FIRE 186

2 Units

Fire Command 2B Command of Major HAZ-MAT Incidents

Course Advisories: SCC minimum English and math standards. Prepares officers to manage serious hazardous materials incidents. The course includes areas of discussion on information and databases; organizations, agencies and institutions involved in hazardous materials response and research; planning for hazardous materials problems; legislation, litigation and liabilities of hazardous materials responses. *Forty hours lecture (1 week course).*

FIRE 187

2 Units

Fire Command 2C High Rise Emergencies

Course Advisories: SCC minimum English and math standards. Designed for Chief Officers, company officers and fire fighters. The course prepares personnel to utilize the Incident Command System as well as tactics and strategy procedures in mitigating high rise emergencies. Emphasis is placed on pre-fire planning and internal fire protection systems. *Forty hours lecture (1 week course).*

FIRE 188 **2 Units****Fire Command 2D Disaster Planning**

Course Advisories: SCC minimum English and math standards. Designed to prepare fire service personnel in planning for large scale disasters. Included are principles of disaster planning and management, fire service emergency plans, emergency operations centers, roles of local, state, and federal emergency management agencies. *Forty hours lecture (1 week course).*

FIRE 189 **2 Units****Fire Command 2E Wildland Fire Fighting Tactics**

Course Advisories: SCC minimum English and math standards. A study of command techniques used in selecting and utilizing resources during wild land fire fighting. This is a component of the State Fire Marshall's Advanced Fire Command series. *Two and one-half hours lecture.*

FIRE 190 **3 Units****Emergency Response to Terrorism**

Course Advisories: Eligibility for ENGL 001. Designed for first responders to weapons of mass destruction incidents, this course will provide a basic understanding of the identification, rescue, and exclusion zones applicable to these incidents. Repeatable 3 times. *Three hours lecture.*

FIRE 196 **2 Units****Prevention 2B Interpreting Codes**

Course Advisories: SCC minimum English and math standards. Covers in-depth information about the fire and life safety standards of buildings as related to the UBC and Title 19 and 24. Types of construction, occupancy classifications, egress, interior finishes. Applied to Fire Prevention II and accredited by CFSTES. *Forty hours lecture (1 week course).*

FIRE 250 **3 Units****Logistics Section Chief-I450**

Course Advisories: SCC minimum English and math standards. Provides the training necessary to perform as a Logistics Section Chief trainee on typical emergency incidents such as hazardous materials spills, wildland fires, earthquakes, and other calamities. Each student must attain a score of 80% on each unit test and final test in order to receive a NWCG Certificate as a Logistics Section Chief. *Forty-eight hours lecture (1 week course).*

FIRE 251 **3 Units****Supply Unit Leader SEMS/ICS**

Course Advisories: SCC minimum English and math standards. Students who successfully pass this course with an 80% or higher score will be certified as mastering the NWCG Supply Unit Leader course of study. This places the student as a "trainee" Supply Unit Leader and requires the student to perform successfully on one emergency incident as a trainee in order to become qualified as a Supply Unit Leader. With this the course the student is eligible to apply for the "Red Card" certification as a Supply Unit Leader. *Three hours lecture.*

FIRE 500 **Pass/No Pass-Only****Hazardous Materials Awareness**

Designed to reduce the potential for injury and mortality among emergency services personnel who are the initial responders to emergencies where hazardous materials are present and a factor in the emergency. *Eight hours lecture (1 week course).*

FIRE 501 **Pass/No Pass-Only****Hazardous Materials Handling**

Indoctrinates fire service personnel in the handling of hazardous materials. Includes factors affecting handling, types of materials, evacuations procedures, and required assistance. *Eight hours lecture (1 week course).*

FIRE 502 **Pass/No Pass-Only****Hazardous Materials, First Responder**

Indoctrinates fire service personnel in hazardous materials prevention, preparedness, emergency response and recovery. Repeatable 3 times. *Sixteen hours lecture (1 week course).*

Special Topics

These courses, numbered 148, 248, or 548 depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Specific information will vary with each course.

Foreign Languages

Humanities Division

Foreign Languages, General

Program Description

This program introduces the fundamentals of language learning (listening, speaking, reading, writing, and culture) with emphasis on language production, grammar, syntax, vocabulary acquisition, and exposure to the culture. This program provides study in more than one language.

Associate in Arts Degree

The Associate in Arts Degree can be obtained by completing a total of 60 units, including a minimum of 20 units from the courses listed below in at least two different languages, the general education requirements, and electives.

Required Courses

French

	Units
FREN 001—First Semester French	5
OR	
FREN 031 & 032—First Sem. French (3 & 3 units)	6
FREN 002—Second Semester French	5
OR	
FREN 033 & 034—Second Sem. French (3 & 3 units)	6
FREN 003—Third Semester French	5
FREN 004—Fourth Semester French	5
FREN 011—Conversational French	3
FREN 012—Intermediate French Conversation	3

German

GRMN 001—First Semester German	5
OR	
GRMN 031 & 032—First Sem. German (3 & 3 units)	6
GRMN 002—Second Semester German	5
OR	
GRMN 033 & 034—Second Sem German (3 & 3 units)	6
GRMN 003—Third Semester German	5
GRMN 004—Fourth Semester German	5
GRMN 011—Conversational German	3
GRMN 012—Intermediate German Conversation	3

Spanish

	Units
SPAN 001—First Semester Spanish	5
OR	
SPAN 031 & 032—First Sem. Spanish (3 & 3 units)	6
SPAN 002—Second Semester Spanish	5
OR	
SPAN 033 & 034—Second Sem. Spanish (3 & 3 units)	6
SPAN 003—Third Semester Spanish	5
SPAN 004—Fourth Semester Spanish	5
SPAN 011—Conversational Spanish	3
SPAN 012—Intermediate Spanish Conversation	3

Latin

LATN 001—Latin Fundamentals	3
LATN 002—Latin Fundamentals	3
LATN 003—Latin Fundamentals	3

Foreign Languages

Foreign Languages, Individual

Program Description

This program introduces the fundamentals of language learning (listening, speaking, reading, writing, and culture) with emphasis on language production, grammar, syntax, vocabulary acquisition, and exposure to the culture. This program requires study be accomplished in one language only.

Associate in Arts Degree

The Associate in Arts Degree can be obtained by completing a total of 60 units, including a minimum of 18 units in **one** of the languages listed below, the general education requirements, and electives.

Required Courses

Foreign Language, French

	Units
FREN 001—First Semester French	5
FREN 002—Second Semester French	5
FREN 003—Third Semester French	5
FREN 004—Fourth Semester French	5
FREN 011—Conversational French	3
FREN 012—Intermediate French Conversation	3
FREN 031—First Sem. French, Part I	3
FREN 032—First Sem. French, Part II	3
FREN 033—Second Sem. French, Part I	3
FREN 034—Second Sem. French, Part II	3
FREN 049—French Honors	1-3

Foreign Language, German

GRMN 001—First Semester German	5
GRMN 002—Second Semester German	5
GRMN 003—Third Semester German	5
GRMN 004—Fourth Semester German	5
GRMN 011—Conversational German	3
GRMN 012—Interm. German Conversation	3
GRMN 031—First Sem. German, Part I	3
GRMN 032—First Sem. German, Part II	3
GRMN 033—Second Sem. German, Part I	3
GRMN 034—Second Sem. German, Part II	3
GRMN 049—German Honors	1-3

Foreign Languages

Foreign Languages, Individual (continued) Foreign Language, Spanish

	Units
SPAN 001—First Semester Spanish	5
SPAN 002—Second Semester Spanish	5
SPAN 003—Third Semester Spanish	5
SPAN 004—Fourth Semester Spanish	5
SPAN 011—Conversational Spanish	3
SPAN 012—Interm. Spanish Conversation	3
SPAN 025—Intro to Latin-American Culture	3
SPAN 031—First Semester Spanish, Part I	3
SPAN 032—First Semester Spanish, Part II	3
SPAN 033—Second Sem. Spanish, Part I	3
SPAN 034—Second Sem. Spanish, Part II	3
SPAN 049—Spanish Honors	1-3
SPAN 061M—Beg. Spanish, Part 1 for Medical Workers	3
SPAN 062M—Beg. Spanish, Part 2 for Medical Workers	3
SPAN 063M—Beg. Spanish, Part 3 for Medical Workers	3
SPAN 064M—Beg. Spanish, Part 4 for Medical Workers	3
SPAN 001S—Spanish for Spanish Speakers 1	5
SPAN 002S—Spanish for Spanish Speakers 2	5

French

FREN 001

5 Units

First Semester French

Prerequisite: None. NOTE: Not open for credit to students who have had two or more years of high school French with a grade of "B" or better within the last three years or to students who have completed FREN 031 and/or 032. Course Advisory: SCC minimum English standard.

Introduces the fundamental elements of the language (listening, speaking, reading, writing and culture) with emphasis on language production, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Francophone culture. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. (CAN FREN 2) (FREN 001 & 002 = CAN FREN SEQ A). *Five hours lecture, one hour weekly of listening to tapes.*

FREN 031

3 Units

First Semester French, Part I

Prerequisites: NOTE: Not open for credit to students who have received credit for FREN 001 or to students who have had two or more years of high school French with a grade of "B" or better within the past three years. NOTE: In order to fulfill the one semester of French 001 requirement of some universities, transfer students must complete the sequence of FREN 031-032. Course Advisory: SCC minimum English standard. Introduces the basic elements of the language (listening, speaking, reading, writing and culture) with emphasis on language production,

grammar, syntax, vocabulary building, and exposure to the Francophone culture. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. Three hours lecture, one hour weekly of listening to tapes.

FREN 032

3 Units

First Semester French, Part II

Prerequisites: FREN 031 or one year of high school French. NOTE: Not open for credit to students who have completed FREN 001 or who have had two or more years of high school French with a grade of "B" or better within the last three years. NOTE: In order to fulfill the one-semester French 001 requirement of some universities, transfer students must complete the sequence of FREN 031 and 032. Continuation of FREN 031 introducing the fundamental elements of the language (listening, speaking, reading, writing and culture) with continued emphasis on language production, grammar, syntax, vocabulary building, and exposure to the French culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. Three hours lecture, one hour weekly of listening to tapes.

Foreign Languages

FREN 002

5 Units

Second Semester French

Prerequisites: FREN 001, or FREN 031 and 032, or two years of high school French. NOTE: Not open to students who have completed FREN 033 and/or 034. Continuation of FREN 001 introducing the fundamentals of French (listening, speaking, reading, writing and culture) with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Francophone culture. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. (CAN FREN 4) (FREN 001 & 002 = CAN FREN SEQ A). *Five hours lecture, one hour weekly of listening to tapes.*

FREN 033

3 Units

Second Semester French, Part I

Prerequisites: FREN 001 or FREN 032. Not open for credit to students who have received credit for FREN 002. Continuation of FREN 001 (or FREN 032), presenting the fundamentals of French (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Francophone culture. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture.*

FREN 034

3 Units

Second Semester French, Part II

Prerequisites: FREN 033. Not open for credit to students who have received credit for FREN 002. Continuation of FREN 033, presenting the fundamentals of French (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Francophone culture. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture.*

FREN 003

5 Units

Third Semester French

Prerequisites: FREN 002, or FREN 034, or three years of high school French. Continuation of FREN 002, FREN 003 expands the student's knowledge of the language (listening, speaking, reading, writing and culture) with emphasis on language production, grammar, syntax, and acquisition of a practical vocabulary, and exposure to Francophone culture. In addition, students will read and discuss short selections taken from a literary and cultural anthology. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. (CAN FREN 8) (FREN 003 & 004 = CAN FREN SEQ B). *Five hours lecture.*

FREN 004

5 Units

Fourth Semester French

Prerequisite: FREN 003. Complete review and expansion of grammar, idioms and structure, use of complex tenses and stylistic explanations. Extensive work is done in reading, writing and conversing in French. Students will subscribe to and learn to read effectively a French newspaper. There will be an introduction to serious literary works in French with an introduction to literary analysis in both written (la redaction) and oral (l'explication de texte) forms. Exams, quizzes, written and oral assignments and completion of the lab manual will be used to evaluate student progress. (CAN FREN 10) (FREN 003 & 004 = CAN FREN SEQ B). *Five hours lecture.*

FREN 011

3 Units

Conversational French

Prerequisite: FREN 002 or FREN 034 with a grade of "C" or better. Designed to promote competency in the oral use of the language and to increase fluency by reinforcing previously learned materials and by expanding vocabulary and patterns of speech. This course emphasizes the practical application of the language, not grammar acquisition or review. *Three hours lecture.*

FREN 012

3 Units

Intermediate French Conversation

Prerequisite: FREN 011 or the equivalent. Continuation of FREN 011, and is designed to promote competency in the oral use of the language and to increase fluency by reinforcing previously learned materials and by expanding vocabulary and patterns of speech. The course emphasizes the practical application of the language, not grammar acquisition or review. *Three hours lecture.*

Foreign Languages

German

GRMN 001

5 Units

First Semester German

Prerequisite: None. NOTE: Not open for credit to students who have had two or more years of high school German with a grade of "B" or better within the last three years or to students who have completed GRMN 031 and/or 032. Course Advisory: SCC minimum English standard. Introduces the fundamental elements of the language (listening, speaking, reading, writing and culture) with emphasis on language production, grammar, syntax, acquisition of a practical vocabulary, and exposure to the German culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (CAN GERM 2) (GRMN 001 & 002 = CAN GERM SEQ A). *Five hours lecture, one hour weekly of listening to tapes.*

GRMN 031

3 Units

First Semester German, Part I

Prerequisites: None. NOTE: Not open for credit to students who have had two or more years of high school German with a grade of "B" or better within the last three years or to students who have completed GRMN 001. NOTE: To fulfill the one-semester German I requirement of some universities, transfer students must complete the sequence of GRMN 031 and 032. Course Advisory: SCC minimum English standard. Introduces the basic elements of the language (listening, speaking, reading, writing and culture) with emphasis on language production, grammar, syntax, vocabulary building, and exposure to the German culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly of listening to tapes.*

GRMN 032

3 Units

First Semester German, Part II

Prerequisites: GRMN 031 or one year of high school German. NOTE: Not open for credit to students who have had two or more years of high school German with a grade of "B" or better within the last three years or to students who have completed GRMN 001. NOTE: To fulfill the one-semester German I requirement of some universities, transfer students must complete the sequence of GRMN 031-032. Continuation of GRMN 031, presenting an introduction to the fundamental elements of the language (listening, speaking, reading, writing and culture) with continued emphasis on language production, grammar, syntax, vocabulary building, and exposure to the German culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly of listening to tapes.*

GRMN 002

5 Units

Second Semester German

Prerequisites: GRMN 001, or GRMN 031 and 032, or two years of high school German or the equivalent. NOTE: Not open to students who have completed GRMN 033 and/or 034. Continuation of GRMN 001, presenting the fundamentals of German (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the German culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (CAN GERM 4) (GRMN 001 & 002 = CAN GERM SEQ A). *Five hours lecture, one hour weekly of listening to tapes.*

GRMN 033

3 Units

Second Semester German, Part I

Prerequisites: GRMN 001 or GRMN 032. NOTE: Not open for credit to students who have received credit for GRMN 002. Continuation of GRMN 001 (or GRMN 032), presenting the fundamentals of German (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Germanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture.*

GRMN 034

3 Units

Second Semester German, Part II

Prerequisites: GRMN 033. Not open for credit to students who have received credit for GRMN 002. Continuation of GRMN 033, presenting the fundamentals of German (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Germanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture.*

GRMN 003

Third Semester German

Prerequisite: GRMN 002, or GRMN 034, or three years of high school German. Completes the students' introduction to the fundamentals of German, reviewing and refining many of the concepts covered in GRMN 001 and 002 so that students are prepared to deal with more advanced grammar, reading, writing and conversation in German. Exposure to the culture and thinking of the German-speaking peoples is accomplished through the reading of literature by representative East and West German, Austrian and Swiss writers. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (CAN GERM 8) (GRMN 003 & 004 = CAN GERM SEQ B). *Five hours lecture.*

5 Units

GRMN 004

Fourth Semester German

Prerequisite: GRMN 003 or four years of high school German. Continues the review and expansion of students' knowledge of basic German begun in GRMN 003, while emphasizing several fine points of more advanced German grammar for closer study. Exposure to the culture and thinking of the German-speaking peoples is accomplished through the reading of literature by representative German, Austrian and Swiss writers. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (CAN GERM 10) (GRMN 003 & 004 = CAN GERM SEQ B). *Five hours lecture.*

5 Units

GRMN 011

Conversational German

Prerequisite: GRMN 002 or GRMN 034 with a grade of "C" or better. Designed to promote competency in the oral use of the language and to increase fluency by reinforcing previously learned materials and by expanding vocabulary and patterns of speech. *Three hours lecture.*

3 Units

GRMN 012

Intermediate German Conversation

Prerequisite: GRMN 011. Continuation of GRMN 011, and is designed to promote competency in the oral use of the language and to increase fluency by reinforcing previously learned materials and by expanding vocabulary and patterns of speech. The course emphasizes the practical application of the language, not grammar acquisition or review. *Three hours lecture.*

3 Units

Italian

ITAL 031

3 Units

First Semester Italian, Part I

Course Advisory: SCC minimum English standard. Introduces the basic elements of the language (listening, speaking, reading, writing and culture), with emphasis on language production, grammar, syntax, vocabulary building, and exposure to Italian culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (NOTE: To fulfill the one-semester foreign language requirement of some universities, transfer students must complete the sequence of ITAL 031 and 032). *Three hours lecture, one hour weekly by arrangement.*

ITAL 032

3 Units

First Semester Italian, Part II

Prerequisite: ITAL 031. Course Advisory: SCC minimum English standard. Continuation of ITAL 031 introducing students to the fundamental elements of the language (listening, speaking, reading, writing and culture), with emphasis on language production, grammar, syntax, vocabulary building, and exposure to Italian culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

ITAL 033

3 Units

Second Semester Italian, Part I

Prerequisite: ITAL 032. Course Advisories: SCC minimum English standard. Continuation of ITAL 032 presenting the fundamentals of Italian (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to Italian culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

ITAL 034

3 Units

Second Semester Italian, Part II

Prerequisite: ITAL 033. Course Advisory: SCC minimum English standard. Continuation of ITAL 033 presenting the fundamentals of Italian (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to Italian culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

Foreign Languages

Japanese

JAPN 101

3 Units

Conversational Japanese

Course Advisory: SCC minimum English standard. A practical course stressing essentials of vocabulary, pronunciation and basic conversation patterns; the students will be introduced to aspects of Japanese culture. *Three hours lecture.*

JAPN 102

3 Units

Conversational Japanese

Prerequisite: JAPN 101. A continuation of JAPN 101 which reviews and expands on the previously learned vocabulary, pronunciation, grammar, and conversation patterns. A high emphasis will be on the spoken language in realistic situations. *Three hours lecture.*

Latin

LATN 001

3 Units

Latin Fundamentals

Course Advisory: SCC minimum English standard. Introduction to the Latin language - to its sonorous quality, its treasury of words, its inflectional system, and the logic of its syntax. *Three hours lecture.*

LATN 002

3 Units

Latin Fundamentals

Prerequisite: LATN 001. Continued introduction to the Latin language - to its treasury of words, its inflectional system, the logic of its syntax, its ability to clarify difficult grammatical concepts for students of modern languages, its legacy of English derivatives and of the nomenclatures of scholarship, the sciences, and the arts. *Three hours lecture.*

LATN 003

3 Units

Latin Fundamentals

Prerequisites: LATN 001 and 002. Advanced study of the Latin Language and Literature; advanced study of syntax and complex sentence structures in Latin; reading from original Latin authors including Caesar, Cicero, Catullus and Horace. *Three hours lecture.*

Portuguese

PORT 101

3 Units

Conversational Portuguese

Course Advisories: SCC minimum English and math standards. Introduction to the Portuguese language, grammar, and idiom. The course emphasizes the acquisition of basic grammatical structures, the development of vocabulary and pronunciation, and exposure to Portuguese and Brazilian culture. *Three hours lecture.*

PORT 102

3 Units

Conversational Portuguese

Prerequisite: PORT 101. Course Advisories: SCC minimum English and math standards. Continued introduction to the Portuguese language, grammar, and idioms. The course emphasizes the acquisition of basic grammatical structures, the development of vocabulary and pronunciation, and exposure to Portuguese and Brazilian culture. *Three hours lecture.*

Spanish

SPAN 001

5 Units

First Semester Spanish

Prerequisite: None. NOTE: Not open for credit to students who have had two or more years of high school Spanish with a grade of "B" or better within the last three years or to students who have completed SPAN 001S, or SPAN 031 and/or 032, or SPAN 061M and/or 062M. Course Advisory: SCC minimum English standard. Introduces the fundamental elements of the language (listening, speaking, reading, writing and culture) with emphasis on language production, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Hispanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (CAN SPAN 2) (SPAN 001& 002 = CAN SPAN SEQ A). *Five hours lecture, one hour weekly of listening to tapes.*

SPAN 031

3 Units

First Semester Spanish, Part I

Prerequisites: None. NOTE: Not open for credit to students who have received credit for SPAN 001, or SPAN 001S, or SPAN 061M, or who have had two or more years of high school Spanish with a grade of "B" or better within the last three years. NOTE: To fulfill the one-semester Spanish 001 requirement of some universities, transfer students must complete the sequence of Spanish 031 and 032. Course Advisory: SCC minimum English standard. Introduces the basic elements of the language (listening, speaking, reading, writing and culture) with emphasis on language production, grammar, syntax, vocabulary building, and exposure to the Hispanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly of listening to tapes.*

Foreign Languages

SPAN 032

3 Units

First Semester Spanish Part II

Prerequisites: SPAN 031 or SPAN 061M. NOTE: Not open for credit to students who have received credit for SPAN 001, or SPAN 001S, or SPAN 062M, or who have had two or more years of high school Spanish with a grade of "B" or better within the last three years. NOTE: In order to fulfill the one-semester Spanish 001 requirement of some universities, transfer students must complete the sequence of Spanish 031 and 032. Continuation of Spanish 031, presenting the fundamental elements of the language (listening, speaking, reading, writing and culture) with continued emphasis on language production, grammar, syntax, vocabulary building, and exposure to the Hispanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture, one hour weekly of listening to tapes.*

SPAN 001S

5 Units

Spanish for Spanish Speakers 1

Prerequisite: Oral fluency in Spanish. NOTE: Not open for credit to students who have completed SPAN 001S, or SPAN 031 and/or 032, or SPAN 061M and/or 062M. Course Advisories: SCC minimum English and math standards. This course, which is conducted in Spanish, is the first of a two-semester sequence designed for fluent speakers of Spanish who are proficient in the language, but who have had little or no formal language training. It is meant to provide Spanish language experiences for Spanish-speaking students in pronunciation, aural comprehension, oral and written communication, word usage and vocabulary, reading of prose and elementary principles of grammar. Exams, quizzes, written and oral assignments, and participation in group discussions will be used to evaluate student progress. *Five hours lecture.*

SPAN 002

5 Units

Second Semester Spanish

Prerequisites: SPAN 001, or SPAN 001S, or SPAN 032, or SPAN 062M, or two years of high school Spanish. NOTE: Not open to students who have completed SPAN 002S, or SPAN 033 and/or 034, or SPAN 063M and/or 064M. Continuation of Spanish 001, presenting the fundamentals of Spanish (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Hispanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. (CAN SPAN 4) (SPAN 001 & 002 = CAN SPAN SEQ A). *Five hours lecture, one hour weekly of listening to tapes.*

SPAN 033

3 Units

Second Semester Spanish, Part I

Prerequisites: SPAN 001, or SPAN 001S, or SPAN 032, or SPAN 062M. Not open for credit to students who have received credit for SPAN 002, SPAN 002S, or SPAN 063M. Continuation of Spanish 001 (or Spanish 032), presenting the fundamentals of Spanish (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Hispanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture.*

SPAN 034

3 Units

Second Semester Spanish, Part II

Prerequisites: SPAN 033 or SPAN 063M. NOTE: Not open for credit to students who have received credit for SPAN 002 or SPAN 002S. Continuation of Spanish 033, presenting the fundamentals of Spanish (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production, pronunciation, grammar, syntax, acquisition of a practical vocabulary, and exposure to the Hispanic culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. *Three hours lecture.*

SPAN 002S

5 Units

Spanish for Spanish Speakers 2

Prerequisite: SPAN 001S, or SPAN 001, or SPAN 031 and 032, or SPAN 061M and 062M, and oral fluency in Spanish. NOTE: Not open to students who have completed SPAN 002, or SPAN 033 and/or 034, or SPAN 063M and/or 064M. Course Advisories: SCC minimum English and math standards. This course, which is conducted in Spanish, is the second part of a two-semester sequence designed for fluent speakers of Spanish who are proficient in the language, but who have had little or no formal language training. It is meant to provide Spanish language experiences for Spanish-speaking students in pronunciation, aural comprehension, oral and written communication, word usage and vocabulary, reading of prose and elementary principles of grammar. Exams, quizzes, written and oral assignments, and participation in group discussions will be used to evaluate student progress. *Five hours lecture.*

Foreign Languages

SPAN 003

5 Units

Third Semester Spanish

Prerequisites: SPAN 002, or SPAN 002S, or SPAN 034, or SPAN 064M, or three years of high school Spanish.

A continuation of Spanish 001 and 002. Extensive work is required in grammar, reading, writing, and conversation. Reading includes representative literary selections by Spanish and Latin American writers. Exams, quizzes, and compositions will be used to evaluate student progress. (CAN SPAN 8) (SPAN 003 & 004 = CAN SPAN SEQ B). *Five hours lecture.*

SPAN 004

5 Units

Fourth Semester Spanish

Prerequisites: SPAN 003 or four years of high school Spanish. Continuation of Spanish 003. Reviews and expands knowledge of elements previously learned, while introducing new material. Exposure to the culture and thinking of the Hispanic peoples is accomplished through the reading of literature by representative Spanish or Latin American writers. Exams, quizzes and compositions will be used to evaluate student progress. (CAN SPAN 10) (SPAN 003 & 004 = CAN SPAN SEQ B). *Five hours lecture.*

SPAN 011

3 Units

Conversational Spanish

Prerequisite: SPAN 002, or SPAN 002S, or SPAN 034, or SPAN 064M with a grade of "C" or better. Designed to promote competency in the oral use of the language and to increase fluency by reinforcing previously learned materials and by expanding vocabulary and patterns of speech. This course emphasizes the practical application of the language, not grammar acquisition or review. *Three hours lecture.*

SPAN 12

3 Units

Intermediate Spanish Conversation

Prerequisite: SPAN 11. Continuation of Spanish 11, and is designed to promote competency in the oral use of the language and to increase fluency by reinforcing previously learned materials and by expanding vocabulary and patterns of speech. The course emphasizes the practical application of the language, not grammar acquisition or review. *Three hours lecture.*

SPAN 025

3 Units

Introduction to Latin-American Culture: An Exploration of Identity Through Essay, Film, and Short Story

Prerequisite: SPAN 003. Course Advisory: SCC minimum English standard. Explores the Latin-American identity: What is Latin America and who are the Latin Americans? The focus will be on contemporary issues, customs, political and historical events, and major institutions of Latin America as expressed in contemporary Latin-American essays, films and short stories. This course will be taught in Spanish. *Three hours lecture.*

SPAN 061M

3 Units

Beginning Spanish, Part 1 for Medical Workers

Prerequisite: None. NOTE: Students who complete this course will not be able to receive credit for SPAN 031, SPAN 001, or SPAN 001S. Course Advisory: SCC minimum English standard. Introduces the basic elements of the language (listening, speaking, reading, writing and culture), with emphasis on language production in a medical setting. Grammar, syntax, and vocabulary building will be taught with the aim of producing oral and written competency in a medical setting. Exams, quizzes, and written assignments will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

SPAN 062M

3 Units

Beginning Spanish, Part 2 for Medical Workers

Prerequisite: SPAN 061M or SPAN 031. Course Advisory: SCC minimum English standard. NOTE: Students who complete this course will not be able to get credit for SPAN 032, SPAN 001, or SPAN 001S. Introduces the basic elements of the language (listening, speaking, reading, writing and culture), with emphasis on language production in a medical setting. Grammar, syntax, and vocabulary building will be taught with the aim of producing oral and written competency in a medical setting. Exams, quizzes, and written assignments will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

Foreign Languages

SPAN 063M

3 Units

Beginning Spanish, Part 3 for Medical Workers

Prerequisites: SPAN 062M, or SPAN 032, or SPAN 001, or SPAN 001S. *Course Advisory:* SCC minimum English standard. *NOTE:* Not open to students who have completed SPAN 002, or SPAN 002S, or SPAN 033. Continuation of SPAN 062M, presenting the fundamentals of Spanish (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production in a medical setting. Grammar, syntax, and vocabulary building will be taught with the aim of producing oral and written competency in a medical setting. Exams, quizzes, and written assignments will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

SPAN 064M

3 Units

Beginning Spanish, Part 4 for Medical Workers

Prerequisite: SPAN 063M or SPAN 033. *Course Advisory:* SCC minimum English standard. *NOTE:* Not open to students who have completed SPAN 002, or SPAN 002S, or SPAN 034. Continuation of SPAN 063M, presenting the fundamentals of Spanish (listening, speaking, reading, writing and culture), with increased emphasis on writing and continued stress on language production in a medical setting. Grammar, syntax, and vocabulary building will be taught with the aim of producing oral and written competency in a medical setting. Exams, quizzes, and written assignments will be used to evaluate student progress. *Three hours lecture, one hour weekly by arrangement.*

Tagalog

TAG 101

3 Units

Conversational Tagalog

Course Advisory: SCC minimum English standard. An introduction to basic Tagalog designed to acquaint student with basic sentences and vocabulary used in daily conversation. The course will include emphasis on proper pronunciation and intonation as well as an introduction to Philippine customs and culture. *Three hours lecture.*

TAG 102

3 Units

Conversational Tagalog

Prerequisite: TAG 101. An intermediate study of basic Tagalog which introduces students to more intricate sentence patterns and further use of functional words in oral communication. The course will also include further study of Philippine culture and new points of Tagalog grammar. *Three hours lecture.*

FLNG 049

1-3 Units

Honors Program (French, German, Latin or Spanish)

Prerequisites: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a grade of "B" or better; an ability to work independently; permission of the Dean based on instructor availability. Independent study and research, by arrangement with the instructor, in specified fields of study in a foreign language, or creative writing in a foreign language. French, German and Spanish may be repeated to a maximum of 6 units, including initial enrollment. *Three to nine hours weekly by arrangement.*

FLNG 101

3 Units

Cross Age Teaching

Prerequisite: Students must have completed French 002 or German 002. Students are assigned to elementary school classes in Solano County to provide foreign language instruction on a weekly basis. Working with a peer partner or partners, students prepare and teach two weekly 30-minute lessons. Students are required to attend weekly seminar in which the mentor professor supervises and critiques the design and implementation of curriculum and assists students with teaching methods. *Two hours lecture and two hours activities.*

Special Topics

These courses, numbered 048 or 098, depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Nursing, Registered

Program Description

The Registered Nursing Program at Solano Community College is a 2-year Associate Degree Program fully accredited by the State Board of Registered Nursing and is subject to its regulations regarding the education and training of nurses. Successful completion of the program qualifies the student to take the National Council Licensing Examination (NCLEX) to become a Registered Nurse. The practice of nursing requires knowledge of the biological, behavioral, and physical sciences, as well as knowledge of, and the ability to speak, to read, and to write the English language proficiently. This program follows the policy of non-discrimination set forth by the Governing Board of Solano Community College.

Associate in Science Degree

The Associate in Science Degree is awarded upon successful completion of the major and general education requirements.

Program Requirements and Courses

All courses taken toward the Registered Nursing Degree must be completed with a letter grade of "C" or better.

Students are encouraged to attend a Registered Nursing Information Workshop prior to seeing a counselor individually. These workshops provide a basic understanding of the nursing program and the requirements for application. After attending the Nursing Information Workshop students planning to major in Nursing should make an appointment with a counselor for assistance in developing an education plan.

Admissions Procedures

Prerequisites

All courses taken toward the Registered Nursing Degree must be completed with a letter grade of "C" or better. To be eligible to apply to the Registered Nursing Program, students must have completed the following four prerequisites.

Please note that these courses may also have prerequisites:

- ENGL 001 College Composition (3 units)
- BIO 006 Human Anatomy (5 units)
- BIO 005 Introductory Physiology (5 units)
- BIO 014 Principles of Microbiology (4 units)

You must achieve a composite score of 73 or above to qualify for the waiting list. Composite score is determined by a combination of : (a) overall college GPA, (b) English GPA, (c) core Biology (Anatomy, Physiology & Microbiology) GPA, and (d) core Biology course repetitions.

Other required courses in the Nursing Major include

- NUTR 010 Nutrition (3 units)
- HUDV 070 Lifespan Human Development (3 units)
- NURS 052 Pharmacology (3 units)
- PSYC 001 General Psychology (3 units)

Or

- SOCS 022 Minority Group Relations (3 units)

• SPCH 001 or

approved communications class. It is also highly recommended that English 062 or the College reading requirement be met prior to entering the program as well as all SCC Local District General Education Requirements.

Application Steps:

1. Apply for admission to Solano Community College online at www.solano.edu or complete an application to SCC (if not already a current/continuing student).
2. Attend a Registered Nursing Information Workshop.
3. Request "official" transcripts from ALL other colleges or institutions attended to be SENT to the Office of Admissions and Records (OAR). (Please Note: International college transcripts must be accompanied by a credentialed evaluation service and must include a detailed report which distinguishes lower division from upper division courses and which also provides A-F letter grade values. A list of acceptable evaluation service companies is available from the Office of Admissions and Records).
4. Confirm with the Office of Admissions and Records (OAR) that all such transcripts from other colleges have been received by OAR before proceeding to the next step.
5. Visit the Counseling counter to complete the RN Referral/Application form. This must be done in person and will require your California Driver's License Number. **NOTE:** There must be seven (7) business days allowed for OAR to evaluate your transcripts and calculate your overall composite score to determine whether you qualify for the RN Program.
6. After 7 business days return in person to the Counseling Office to request an "RN" counseling appointment. (It is the student's responsibility to contact the Counseling Office to schedule this appointment).
7. During the Counseling appointment, if you have met the minimum Composite Score, a Counselor will review with you and post all required pre-Major and General Education requirements.
8. Qualified candidates will then receive a Notice of Eligibility to the Nursing Program with a waiting-list number within 2-4 weeks.

NOTE: Dishonest or unethical conduct during the application process may lead to disqualification of the application.

Prior to First Class Meeting, Students Accepted into the Nursing Program Must Have:

1. Physical examination indicating physical fitness and freedom from illness with required immunizations.
2. Cardiopulmonary Resuscitation (CPR) for Health Care Providers card.
3. Attended an orientation meeting with nursing faculty to be arranged by Health Occupations.
4. Taken the reading assessment test or have met the reading requirement for graduation.
5. Provided a clear criminal background check and drug screen.
6. Beginning January 2008 - Achieved a score of 67 or greater on the TEAS test.

Retention in Program:

1. Students are required to undergo criminal background checks and drug screens. The Health Occupations Division may be unable to place students in a clinical setting if they have a positive criminal background check or drug screen; therefore, the student may be dropped from the nursing program.
2. If a student's conduct poses potential harm to the well-being of clients or is disruptive to the classroom or lab environment, the student may be terminated from the nursing program.
3. If a student's physical or emotional health appears to be such that he or she cannot meet the objectives of the program in nursing, the student may be asked to leave the nursing program.
4. In order to remain in the program and to graduate, a student must maintain a letter grade of "C" or better in the theory and the clinical portions of the nursing program.
5. Maintain current CPR, TB screening, clear criminal background check and drug screen.

In accordance with state law, the California Board of Registered Nursing (BRN) may deny licensure to an individual for crimes substantially related to the practice of nursing. Upon acceptance to the nursing program, any student who has had a conviction related to sex crimes, drug crimes (including DUI) and crimes of violence may need to contact the BRN regarding his/her status.

Health Occupations

Nursing, Registered (continued)

Required Courses

Nursing courses must be taken in sequence because one course is prerequisite to another.

	Units		Units
NURS 058—Mediated Skills Dev. (Concurrent enrollment in NURS 058 is required for each of the following Nursing courses except NURS 052 & 065.)	.5-1.5		
First Year Courses		Second Year Courses	
NURS 050A—Fund. of Nursing	3	NURS 060—Nrsg. of Adults II/ Medical-Surgical Nsg.	5
NURS 050B—Basic Human Needs	3.5	NURS 061—Mental Health Nsg.	5
*HUDV 070—Lifespan Human Dev.	3	NURS 063—Nrsg. of Adults III/Adv. Med-Surgical Nsg. & Community Health Nursing	4.5
*NUTR 010—Nutrition	3	NURS 064—Issues and Trends in Nursing.	1.5
*NURS 052—Pharmacology for Health Care Professionals I	3	NURS 065—Role Transition, Management Theory & Practice	4
NURS 054—Maternal-Child Nrsg	5		
NURS 055—Nursing of Adults I	5		
**PSYC 001—Intro. to Psychology OR SOCS 022—Ethnic, Racial, and Minority Group Relations in Harmony & Conflict	3	Concurrent Courses	
		The following courses are required for graduation and must be completed prior to entering the fourth semester of the Nursing Program, as the fourth semester schedule does not accommodate the scheduling of other courses.	
		ENGL 062 or meet the reading requirement Communications course other than ENGL 001	0-3 3

*Course must be completed prior to entry into NURS 054

**Course must be completed prior to entry into NURS 060/061

Career Mobility

The Career Mobility Program at Solano Community College provides an opportunity for qualified licensed vocational nurses to be admitted with advanced placement into the Registered Nursing program. This program is designed to prepare technically competent nurses for service in the community. The curriculum includes study in general education, biophysical and social science courses. Principles derived from academic study are applied to the practice of nursing. The nursing major is comprised of lecture-discussion classes on campus and client care laboratory experience in agencies within the community. Nursing preparation includes the care of adults and children in medical, surgical, psychiatric and community settings. This program is accredited by the California Board of Registered Nursing.

Program Requirements and Courses

Students are encouraged to attend a Registered Nursing Information Workshop prior to seeing a counselor individually. These workshops provide a basic understanding of the nursing program and the requirements for application. After attending the Nursing Information Workshop students planning to major in Nursing should make an appointment with a counselor for assistance in developing an education plan.

Career Mobility (continued)

Program Information

Licensed vocational nurses have two career mobility options:

Associate Degree Option:

Applicants must complete prerequisites for the nursing program, science courses and the general education requirements for the Associate Degree. By choosing this option:

- You would complete a total of 49 to 52 units toward the 60 units required for the Associate Degree.
- You would be a graduate of an accredited ADN program.
- You would be eligible for RN licensure by endorsement in other states.

Prerequisites

To be eligible to apply to the Career Mobility Program Associate Degree Option, students must have completed:

- ENGL 001 - College Composition (3 units)
 - BIO 006 - Human Anatomy (5 units)
 - BIO 005 - Introductory Physiology (5 units)
 - BIO 014 - Principles of Microbiology (4 units)
 - NUTR 010 - Nutrition (3 units)
 - HUDV 070 - Lifespan Human Development (3 units)
 - NURS 052 - Pharmacology for Health Care Professionals I (3 units)
 - PSYC 001 - Introduction to Psychology: Individual & Social Processes (3 units)
- OR
- SOCS 022 - Ethnic, Racial, and Minority Group Relations in Harmony and Conflict (3 units)

NOTE: All courses required for graduation should be completed prior to entering the fourth semester of the Nursing Program, as the fourth semester schedule does not accommodate the scheduling of other courses. It is highly recommended that ENGL 062 or the college reading requirement be met prior to entering the program.

Thirty-Unit Option:

By choosing this option:

- You would complete a total of 29-30 units.
- You would not be a graduate of an Associate Degree Program.
- You would not be a graduate of the Solano College Nursing Program and may not wear the school pin.
- You would be eligible for licensure in California and may not be eligible for licensure in other states.

Prerequisites

- BIO 005 - Introductory Physiology (5 units)
- BIO 014 - Principles of Microbiology (4 units)

You must achieve a composite score of 73 or above to qualify for the waiting list. Composite score is determined by a combination of : (a) overall college GPA, (b) English GPA, (c) core Biology (Anatomy, Physiology & Microbiology) GPA, and (d) core Biology course repetitions.

Application Steps

1. Apply for admission to Solano Community College online at www.solano.edu or complete an application to SCC (if not already a current/continuing student).
2. Attend a Registered Nursing Information Workshop.
3. Request "official" transcripts from ALL other colleges or institutions attended to be SENT to the Office of Admissions and Records (OAR). (Please Note: International college transcripts must be accompanied by

Health Occupations

a credentialed evaluation service and must include a detailed report which distinguishes lower division from upper division courses and which also provides A-F letter grade values. A list of acceptable evaluation service companies is available from the Office of Admissions and Records.)

4. Confirm with the Office of Admissions and Records (OAR) that all such transcripts from other colleges have been received by OAR before proceeding to the next step.
5. Visit the Counseling Office to complete the RN Referral/Application form. This must be done in person and will require your California Driver's License number. **NOTE:** There must be seven (7) business days allowed for OAR to evaluate your transcripts and calculate your overall composite score to determine whether you qualify for the RN Program.
6. After 7 business days return in person to the Counseling Office to request a **"RN" counseling appointment.** (It is the student's responsibility to contact the Counseling Office to schedule this appointment.)
7. During the Counseling appointment, if you have met the minimum Composite Score, a Counselor will review with you and post all required pre-Major and General Education requirements.
8. Qualified candidates will then receive a Notice of Eligibility to the Nursing Program with a wait-list number within 2-4 weeks.

NOTE: Dishonest or unethical conduct during the application process may lead to disqualification of the application.

Other Requirements

- Upon admission to the program, students are required to enroll in NURS 159 during the next session.
- Testing will be required to determine advanced placement credit.

Prior to First Class Meeting, Students Must Have:

1. Physical examination indicating physical fitness and freedom from illness with required immunizations.
2. Cardiopulmonary Resuscitation (CPR) for Health Care Providers card.
3. Attended an orientation meeting with nursing faculty to be arranged by Health Occupations.
4. Taken the reading assessment test or have met the reading requirements for graduation.
5. Provide a clear criminal background check and drug screen.
6. Beginning January 2008, achieved a score of 67 or greater on the TEAS test.

Retention in Program:

1. Students are required to undergo criminal background checks and drug screens. The Health Occupations Division may be unable to place students in a clinical setting if they have a positive criminal background check or drug screen; therefore, the student may be dropped from the nursing program.
2. If a student's conduct poses potential harm to the well-being of clients or is disruptive to the classroom or lab environment, the student may be terminated from the nursing program.
3. If a student's physical or emotional health appears to be such that he or she cannot meet the objectives of the program in nursing, the student may be asked to leave the nursing program.
4. In order to remain in the program and to graduate, a student must maintain a grade of "C" or better in the theory and the clinical portions of the nursing program.
5. Maintain current CPR, TB screening, clear criminal background check and drug screen.

In accordance with state law, the California Board of Registered Nursing (BRN) may deny licensure to an individual for crimes substantially related to the practice of nursing. Upon acceptance to the nursing program, any student who has had a conviction related to sex crimes, drug crimes (including DUI) and crimes of violence may need to contact the BRN regarding his/her status.

Job-Direct Certificate Requirements

All courses for Job-Direct Certificates must be completed with a grade of "C" or better.

Certified Nursing Assistant	Units	Emergency Medical Technician I	Units
NURS 200—Certified Nursing Assistant/Home Health Aide	6 6	EMT 212—Emergency Medical Technician I	4.5-5 4.5-5

Emergency Medical Technician I

EMT 212

4.5-5 Units

Emergency Medical Technician (Basic)

Course Advisories: SCC minimum English and math standards; must be eighteen (18) years of age or older for certification (Title 22, Division 9, Chapter 2, California Code of Regulations). Students must present current BLS/CPR for Health Providers card at the first class meeting to remain enrolled. Based on state EMSA regulations, the goal of the EMT (Basic) course is to acquire essential assessment & treatment skills for the delivery of prompt, efficient & safe pre-hospital emergency patient care. Application of these emergency care skills can minimize the risk of permanent disability to an individual. The course has lecture/discussion sessions & skills practice time. Course content includes: use of airway & ventilation devices during CPR; use of automated external defibrillator (AED); patient assessment (medical & trauma); management of shock & bleeding; use of bandages, splints & spinal immobilization; use of backboards & guernseys; management of emergency child-birth; monitoring IV solutions; assisting patients with home medications; safe removal of patients from vehicles; trauma & triage. Students completing the course for 4.5 units participate in lecture and lab practice activities throughout; students completing the course for 5.0 units additionally attend pre-assigned observation times with an emergency department and with an ambulance. Students successfully completing the course for 5.0 units are eligible to take the state EMSA exam for certification. Certification enables students to qualify for employment with ambulance services, fire or rescue services, search and rescue crews, ski patrol or other related pre-hospital emergency care positions. (NOTE: By law, applicants for certification must be at least 18 years of age). Students must present current BLS/CPR for Healthcare Providers course completion card at the first meeting in order to remain enrolled in the course. Repeatable every 2 years. *Three and three-quarters hours lecture, three and three-quarters hours activity.*

EMT 213

1 Unit

Emergency Medical Technician (Basic) Refresher

Prerequisite: EMT 212 or equivalent or previous EMT 213. Course Advisories: SCC minimum English and math standards. Consists of review and update of EMT 212 course content and focuses on "hands-on" practice of all pre-hospital emergency skills, meeting the education requirements for EMT renewal. Topics and skills include: legal issues (including HIPAA), trauma, triage, use of airway/ventilation equipment with CPR, automated external defibrillation (AED), patient exam (medical & trauma), assessments and treatments for breathing, cardiovascular, neurologic, musculoskeletal, soft tissue injury, childbirth & environmental emergencies. Students apply assessments and treatments during pre-planned patient care skills scenarios to meet EMSA requirements for skills verification. May repeat every 1-2 years, ad infinitum (as stipulated by EMSA regulations for EMT I refresher and renewal). *Four and one half hours lecture, four and one half hours activity (3 week course).*

Professional Education

These courses are **not** part of the Registered Nursing Program.

NURS 111

3 Units

Medical Terminology

Course Advisories: SCC minimum English and math standards. Study of the language of medicine. An introduction to terms, word roots and abbreviations related to medical practice and the functioning of the systems of the body. *Three hours lecture.*

NURS 159

2 Units

Career Mobility Transition

Prerequisites: Current LVN Licensure and acceptance into the ADN Program; authorization to enroll. Course Advisories: SCC minimum English and math standards. A course designed to facilitate the transition of the LVN Career Mobility student into the third semester of the ADN program. This course focuses on skills needed for successful transition from the LVN role to the role of RN student, i.e., role differentiation, critical thinking/nursing process, and nursing program philosophy and objectives. This course presents the major theoretical concepts that are the foundation for the Registered Nursing curriculum. This course encompasses both classroom activities and opportunities to apply theoretical knowledge in the clinical /simulated setting. *Three hours lecture, three and one-half hours lab (8 week course).*

NURS 200

6 Units

Certified Nursing Assistant/Home Health Aide

Course Advisories: SCC minimum English and math standards. Prepares the student to function in the role of Certified Nursing Assistant in the acute care, long-term care, and home health settings. Upon completion, the student is eligible to take the state CNA examination. *Five hours lecture, fifteen hours lab (10 week course).*

NURS 219

2 Units

Cardiac Rhythms

Course Prerequisites: BIO 005, BIO 006. Course Advisories: SCC minimum English and math standards. Designed for health care professionals who need to distinguish among the various cardiac rhythms/dysrhythmias while caring for patients on cardiac monitors. Topics include: basic cardiac physiology, electrophysiology of cardiac tissues; basic pathophysiology of coronary artery disease; identification and interpretation of sinus rhythms versus cardiac dysrhythmias; application of chest monitoring electrodes and 12 Lead ECG electrodes; and use of an oscilloscope. *Four hours lecture (8 week course).*

Nursing

NURS 223

Critical Care Nursing

Prerequisites: RN or LVN Licensure and NURS 219. Course Advisories: SCC minimum English and math standards. Designed for staff nurses to provide essential knowledge and skills to adequately function in a critical care unit. For each body system, course content includes: brief review of anatomy and physiology; identification of critical illness states; potential complications; correlation of specific physical assessment/laboratory data; operational principles for the use of critical care equipment; nursing care responsibilities in the care of the critically ill patient; legal aspects of critical care nursing. *Four hours lecture.*

NURS 230

Emergency Nursing

Prerequisites: RN or LVN licensure and NURS 219. Course Advisories: SCC minimum English and math standards. Prepares staff nurses with essential knowledge and skills to function effectively within an emergency department. Topics include the emergency care of patients with: respiratory, cardiovascular, shock, neurological, orthopedic, abdominal, ENT, obstetrical, gynecological, genitourinary, pediatric, environmental, endocrine, trauma, psychological, psychiatric, abuse, and toxicologic emergencies. For each topic, pertinent physical and laboratory assessments, priorities of nursing care, interventions, and standards for documentation are explored. *Four hours lecture.*

Special Topics

These courses, numbered 098, 148, or 248 depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Registered Nursing

NURS 050A

Fundamentals of Nursing

Prerequisites: ENGL 001, BIO 005, BIO 006, BIO 014 with grades of "C" or better; current CPR for Healthcare Providers, current physical exam and immunizations. Authorization to enter RN program. Concurrent enrollment in NURS 058. Course Advisories: SCC minimum English and math standards. Introduces the principles of nursing to meet needs common to all individuals. Utilizing the concept of homeostasis and communications theory, the student will study stressors affecting the client's position on the wellness-illness continuum. The nursing process will be introduced and utilized at the beginning level. The basis of the nurse-client relationship will be explored. Clinical assignments and self-study modules will be offered concurrently with theory. *Six hours lecture, six hours lab (8 week course).*

4 Units NURS 050B

Basic Human Needs

Prerequisites: NURS 050A with a grade of "C" or better; Concurrent enrollment in NURS 058. Course Advisories: SCC minimum English and math standards. An introduction to the demands for increased care that are necessitated by deviations in health in the adult. Emphasis is placed on the basic human needs of activity and rest, oxygenation, fluid and electrolytes, nutrition, comfort, and elimination. Also included in the course are gerontology, nursing process, oral and injectable medication administration, wound care, and care of the adult surgical client. Clinical assignments and self-study modules will be offered concurrently with theory. *Six hours lecture, six hours lab (8 week course).*

4 Units

NURS 052

Pharmacology for Health Care Professionals I

Prerequisite: BIO 005 with a grade of "C" or better. Course Advisories: SCC minimum English and math standards. Introductory principles of pharmacology with emphasis on the therapeutic use of drugs. Topics of study include sources of drugs, drug nomenclature, drug actions in the body, variables that affect drug actions, drug interactions, adverse effects of drugs, and substance abuse. Special attention is given to anti-infective drugs, cardiac drugs, diuretic drugs, and drugs of the autonomic nervous system. *Three hours lecture.*

NURS 054

Maternal-Child Nursing

Prerequisites: NURS 050A & 050B, NURS 052, NUTR 010, and HUDV 070 with grades of "C" or better. Course Advisory: SCC minimum English and Math Standards. A family centered course with emphasis on nursing care of women and children. The focus includes the antepartal, intrapartal, postpartal, neonatal and pediatric client, both sick and well. This course provides students the opportunity to synthesize and utilize nursing knowledge and skills in providing care to clients in a variety of settings. Concepts of homeostasis, communication, and growth and development are integrated throughout the course. The nursing process is utilized with concepts of legal aspects, pharmacology, clinical skills, safety and asepsis, crisis intervention, health teaching, and self-evaluation. Clinical assignments and self-study modules are offered concurrently with theory. This course must be completed successfully with a grade of "C" or better to advance in the nursing program. *Five hours lecture, fifteen hours lab (8 week course).*

4 Units

3 Units

5 Units

NURS 055

5 Units

Nursing of Adults I

Prerequisites: Completion of NURS 050A & 050B, NURS 052, NUTR 010, and HUDV 070 with grades of "C" or better; concurrent enrollment in NURS 058. Covers the theory and practice of nursing necessary to assist the adult in meeting selected health care needs. Emphasis is placed on the client experiencing health alterations in the musculoskeletal, respiratory, cardiovascular and gastrointestinal systems. The concepts of safety, communication, clinical decision making, asepsis, pharmacology, legality, ethics, health teaching and self-evaluation are integrated throughout the course. Issues related to culture, developmental level and sexuality are considered, as nursing care is individualized to the client. Skill modules and clinical experiences are offered concurrently with theory. *Five hours lecture, fifteen hours lab (8 week course).*

NURS 058

.5 -1.5 Units

Mediated Skills Development

Prerequisites: Concurrent enrollment in either NURS 050A & 050B, 054, 055, 060, or 063. A variable unit course which is required of all nursing students in each semester of the nursing program. A portion of the unit credit may be used for group and/or individual study time. Students have the opportunity to practice the required skills modules for each nursing course. This practice takes place under the supervision of the skills laboratory instructor, a registered nurse. The skills modules have been leveled to match the content. Students must demonstrate competency in all of the assigned skills modules. Peer checkoff is permitted on some of the modules, whereas more complex modules require checkoff by the skills lab instructor. The mediated skills lab is a valuable adjunct to all of the nursing courses as it allows students the time and place to not only practice and master skills, but to study theoretical concepts. This is a credit/no-credit class. May be repeated to a maximum of 6 units, including initial enrollment. *One and one-half to four and one-half hours lab.*

NURS 060

5 Units

Nursing of Adults II/Medical-Surgical Nursing

Prerequisites: NURS 054 & NURS 055 and either PSYC 001 or SOCS 022 with grades of "C" or better. This course continues with the theory and practice of nursing necessary to assist the adult in meeting selected health care needs. Emphasis is placed on the patient experiencing health alterations related to nutritional deficits, the endocrine, neurological and immune systems. The concepts of safety, communication, clinical decision-making, asepsis, pharmacology, legality, ethics, health teaching, and self-evaluation are integrated throughout the course. Issues related to culture, developmental level and sexuality are considered, as nursing care is individualized to the patient. Leadership and management concepts are introduced. Skill modules and clinical experiences are offered concurrently with theory. *Five hours lecture, fifteen hours lab (8 week course).*

NURS 061

5 Units

Psychiatric and Mental Health Nursing

Prerequisites: NURS 054 & NURS 055 and either PSYC 001, or PSYC 002 or SOCS 022 with grades of "C" or better. Course Advisories: SCC minimum English and math standards. Theory and practice related to mental health and illness is studied. This includes the principles and practices of mental health nursing using the prevailing psychobiological theories of mental health and illness, interpersonal communication, group process, growth and development and sociocultural theories. The nursing process is emphasized as the student nurse maintains and promotes mental health and seeks to prevent mental illness. Clinical experience is provided concurrently with theory in acute psychiatric hospitals, long-term care facilities and community agencies. Opportunity is provided for working with children, adolescents and adults individually, as well as in groups. *Five hours lecture, fifteen hours lab (8 week course).*

NURS 063

4.5 Units

Nursing of Adults III/Advanced Medical- Surgical Nursing and Community Health Nursing

Prerequisites: NURS 060 and 061 with grades of "C" or better; concurrent enrollment in NURS 058. Course Advisories: SCC minimum English and math standards. This course builds on the concepts introduced in previous nursing courses. Complex alterations in physiological processes are studied as they relate to multiple body systems. This course requires the students to develop and utilize critical thinking skills in working with patients in emergency, critical care and the community. The clinical experience affords students the opportunity to apply theoretical knowledge, critical thinking skills (which are inherent to the nursing process), and psychomotor skills to a practical situation. The focus is to provide care to multiple patients who have complex multi-system illnesses and to patients in the community. This course facilitates the student's entry into the profession of nursing. Legal and ethical responsibilities related to nursing practice are considered. Skill modules and clinical experience is offered concurrently with theory. *Three hours lecture, sixteen hours lab (10 week course).*

NURS 064

1.5 Units

Issues and Trends in Nursing

Prerequisites: NURS 060 and 061 with grades of "C" or better. Course Advisories: SCC minimum English and math standards. This course facilitates the graduates' entry into the profession of nursing. Topics include the trends in scope of practice and roles of the nurse in an ever-changing health care delivery system. Included is the delineation of the major functions of professional nursing organizations, accountability in nursing practice (quality improvement and risk management), identification of socio-political factors influencing professional nursing, current events and their nursing implications. Legal and ethical responsibilities related to nursing practice are further considered. This is a non-clinical course. *Three hours lecture (10 week course).*

Nursing

NURS 065

4 Units

Role Transition, Management Theory and Practice

Prerequisites: NURS 063 & NURS 064 with grades of "C" or better. Course Advisories: SCC minimum English and math standards. Management and leadership concepts applicable to a variety of health care settings are taught and practiced. Emphasis is placed on working with groups. This course builds upon NURS 063 and NURS 064 facilitating the graduates' entry into the nursing profession. Topics which include the transition from student to registered nurse, decision making and values clarification, management, leadership, and organization are presented in the theoretical setting while students have the opportunity to practice their newly learned skills in the clinical agency. The student will work with a nurse preceptor in learning to assume the R.N. role while directing and evaluating the nursing care that other health care givers provide. *Three hours lecture, twenty-four hours laboratory (6 week course).*

NURS 100

2 Units

Exploring Health Occupations

Course Advisories: SCC minimum English and math standards. Explores the diversity of health care occupations currently available and is intended for students considering a health care career. Examples of health occupations include: certified nursing assistant (CNA), respiratory therapist, physician & physician assistant, nursing (LVN & RN), biotechnology technician, emergency medical technician (EMT I), paramedic (EMT P), radiology technician, physical therapist & assistant, pharmacist & pharmacy technician. Students compare and contrast various health occupation(s) in terms of the personal and professional attributes for the job, specific job skills needed, basic educational preparation and potential for advancement. In addition to classroom discussions and library research, students interview people in health care jobs, go on field trips to health care facilities and evaluate the health occupations that most interest them. *Four hours lecture (9 week course).*

NURS 101

3 Units

Preparation for Nursing

Course Advisories: SCC minimum English and math standards. Designed to provide pre-nursing and beginning nursing students with realistic and useful strategies to enhance their success in reaching this career goal. Students will gain a realistic understanding of the nursing profession; critically analyze their own strengths, and develop strategies to identify and strengthen areas needing improvement. The course will also provide the student with the knowledge and skills to identify and locate social and financial resources; develop and/or enhance language, math and communication skills to work effectively with a culturally diverse population; develop and enhance critical thinking skills; and enhance self-assessment and accountability skills. *Three hours lecture.*

NURS 102

1-4 Units

Nursing Work-Study

Prerequisite: NURS 054, 055 and authorization by Dean to enroll. NOTE: One to four units of workstudy experience at a ratio of 1 unit=75 paid hours or 60 unpaid hours. No student will be allowed to enroll for more than four units per semester. Course Advisories: SCC minimum English and math standards. This work-study course is offered through Solano Community College Associate Degree Nursing Program in cooperation with selected clinical agencies. Students apply previously learned nursing theory and clinical skills in assigned patient care settings under the direct supervision of selected RN nurse preceptors. The work experience is supervised by a Solano Community College Nursing Instructor and the clinical agency coordinator. Student functions will include clinical skills in which previous training and competency in skill performance has already been demonstrated and documented on the student's skills competency checklist. This course is a credit/no credit course. Repeatable to a maximum of twelve units. Combined units for all work experience courses shall not exceed 12. *Five to nineteen hours by arrangement.*

Humanities Division

Program Description

This program emphasizes the development of various societies through a chronological study of the major social, political, economic, and cultural forces which have shaped these societies. Students in this program may study a variety of historical fields including United States, World, Western Civilization, Native-American, Philippine, African-American, Mexican and Mexican-American, California and Women's History.

Associate in Arts Degree

The Associate in Arts Degree can be obtained upon completion of a total of 60 units, including the 18-unit major, general education requirements and electives.

Required Courses

	Units
HIST 002—World History to 1750	
OR	
HIST 004—History of Western Civ. to 1500	3
HIST 003—Modern World History	
OR	
HIST 005—History of Western Civ. Since 1500	3
HIST 017 & 018—History of the United States (3 & 3 units)	6
Electives selected from the following categories	6
	18

Students may choose to concentrate their program by selecting elective courses from one category or, for a more diverse program, elective courses may be selected from different categories.

	Units
I. United States	
HIST 010—California History	3
HIST 028—African-American History	3
HIST 031—Mexican American/Chicano History	3
HIST 037—Women in American History	3
HIST 049—History Honors	1-3
II. World History	
HIST 002—World History to 1750	3
HIST 003—Modern World History	3
HIST 004—Hist./Western Civ. to 1500	3
HIST 005—Hist./Western Civ. Since 1500	3
HIST 030—History of Mexico	3
HIST 032—History of the Philippines	3
HIST 049—History Honors	1-3
III. Ethnicity and Gender Studies	
HIST 028—African-American History	3
HIST 029—African-American History	3
HIST 031—Mexican American/Chicano History	3
HIST 032—History of the Philippines	3
HIST 037—Women in American History	3
HIST 049—History Honors	1-3

History

HIST 002

3 Units

World History to 1750

Course Advisories: Eligibility for ENGL 001; SCC minimum math standard. An integrated, holistic study of world civilizations from their beginnings to the mid-18th century. Emphasis will be placed on a critical assessment of the cultural achievements, belief systems and economic, political and social structures of the major global civilizations. We will also study the interconnections which linked these cultures into an integrated world system during the early modern period. *Three hours lecture.*

HIST 003

3 Units

Modern World History

Course Advisories: Eligibility for ENGL 001; SCC minimum math standard. An integrated, holistic study of modern global history since 1500. Emphasis will be placed on the emergence of an interconnected world system in the modern era and the impact of that system on societies and cultures around the globe. The ongoing tension between tradition and modernity—shaped by wars, revolutions, and economic transformations—forms the central theme of the course. *Three hours lecture.*

HIST 004

3 Units

History of Western Civilization to 1500

Course Advisory: Eligibility for ENGL 001. Survey of the history of western civilization from its beginning through the Renaissance. Emphasis will be on analyzing the major social, political, economic and cultural forces which have shaped European societies. (CAN HIST 2) (HIST 004 & 005 = CAN HIST SEQ A). *Three hours lecture.*

HIST 005

3 Units

History of Western Civilization Since 1500

Course Advisory: Eligibility for ENGL 001. Survey of the history of western civilization from 1500 to the present. Emphasis will be on analyzing the major social, political, economic and cultural forces which have shaped modern European history. (CAN HIST 4) (HIST 004 & 005 = CAN HIST SEQ A). *Three hours lecture.*

HIST 010

3 Units

California History

Course Advisory: Eligibility for ENGL 001. A survey of California history from the pre-colonial, Native American period to the modern state. Particular emphasis will be placed on the interplay of geographic, economic, political, social, and cultural forces that shaped both the development of this diverse state and the experiences of a wide range of peoples who have inhabited it. *Three hours lecture.*

HIST 017

3 Units

History of the United States to 1865

Course Advisory: Eligibility for ENGL 001. Survey of the U.S. from the pre-colonial period through Reconstruction. This course will stress the development of the economic, social, political and cultural conditions that shaped the movements, events, and trends of this period of U.S. history. Special attention will be paid to analyzing cause-effect and comparative relationships among major historical developments. (CAN HIST 8) (HIST 017 & 018 = CAN HIST SEQ B). *Three hours lecture.*

HIST 018

3 Units

History of the United States from 1865

Course Advisory: Eligibility for ENGL 001. A survey of the history of the U.S. from Reconstruction to the present. This course will stress the development of the economic, social, political and cultural conditions that shaped the movements, events, and trends of this period in U.S. history. Special attention will be paid to analyzing cause-effect and comparative relationships among major historical developments. (CAN HIST 10) (HIST 017 & 018 = CAN HIST SEQ B). *Three hours lecture.*

HIST 028

3 Units

African American History to 1877

Course Advisory: Eligibility for ENGL 001. A survey of the culture and experience, major events, and movements in the history of African Americans from African origins through 1877. Group development of political strategies to end slavery, gain citizenship, and combat racism, as well as individual contributions of African American leaders and intellectuals are emphasized. *Three hours lecture.*

HIST 029

3 Units

African American History Since 1865

Course Advisory: Eligibility for ENGL 001. Examines particular major events, personalities and movements that have played an important part in the history of African Americans from the Reconstruction Period up to the present. *Three hours lecture.*

HIST 030

3 Units

History of Mexico

Course Advisories: ENGL 370; SCC minimum math standard. A survey of Mexican history from the pre-colonial period to the present. This course will emphasize the varied economic, social, cultural, and political conditions and events that have combined to shape modern Mexico. Analysis of cause-effect and comparative relationships among major historical developments will be given special emphasis. Student success will be determined on completion of significant amounts of reading, writing, and critical analysis. *Three hours lecture.*

HIST 031**3 Units****Mexican American/Chicano History**

Course Advisories: Eligibility for ENGL 001; SCC minimum math standard. A survey of Mexican American/Chicano history from the pre-Columbian era of Mexico to the present. Course will emphasize the economic, social, cultural, and political conditions and events that have shaped the history of Mexican Americans/Chicanos. Analysis of cause-effect and comparative relationships among major historical developments will be given special emphasis. Student success to be determined upon completion of significant amounts of reading, writing, and critical analysis. *Three hours lecture.*

HIST 032**3 Units****History of the Philippines**

Course Advisory: Eligibility for ENGL 001. A historical survey of the Philippines with emphasis on the political, social, economic, legal and cultural developments. Major topics will focus on the anthropological, Asian, Spanish, Japanese and American influences, as well as independence movement, and political periods to the present. Students will be evaluated on their historical comprehension, critical and analytical written work. *Three hours lecture.*

HIST 037**3 Units****Women in American History**

Course Advisory: Eligibility for ENGL 001. A multi-cultural survey of American history from pre-colonial times to the present examining the impact of ethnic and cultural diversity, class, and gender on the lives of women. *Three hours lecture.*

HIST 049**1-3 Units****History Honors**

Prerequisites: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 6 units in the discipline with a grade of "B" or better; an ability to work independently; permission of the Division Dean based on instructor availability. An independent study project which results in a critical examination of history. May be repeated to a maximum of 6 units, including initial enrollment. *Three to nine hours weekly by arrangement with instructor and division Dean.*

Special Topics

These courses, numbered 048 or 098, depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Home Economics

Fine & Applied Arts/Behavioral Sciences Division

Program Description

This is an interdisciplinary program designed for students planning to transfer to a four-year college. Some course descriptions may be found below while others may be found under the appropriate disciplines.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion of the 18 -unit major. The Associate in Science Degree can be obtained upon completion of a total of 60 units, including the major, general education requirements, and electives.

Required Courses

	Units	Recommended Electives:
FDES 031—Textiles	3	FDES 031, 060, 066, 104, 152
FDES 062—Clothing Construction		HMEC 099
OR		HUDV 039, 050, 053, 058, 075
FDES 064—Adv. Constr./Tailoring	3	INTD 051, 055
HUDV 040—Family Relationships	3	NUTR 012, 101
HUDV 070—Lifespan Human Dev.	3	OCED 090, 091
INTD 050—Interior Design	3	
NUTR 010—Nutrition	3	
	18	

Home Economics

HMEC 099

1-3 Units

Home Economics Honors

Prerequisites: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a grade of "B" or better; an ability to work independently; permission of the Division Dean based on instructor availability. Course Advisory: SCC minimum English standard. An independent study and research course. The specific fields of study include Fashion Design, Fashion Merchandising, Nutrition, Human Development, and Interior Design. Repeatable to a maximum of 6 units, including initial enrollment. *Three to nine hours weekly by arrangement with instructor and division Dean.*

HMEC 501

Non-Credit

Home Decorating Skills for Seniors

A community outreach course designed primarily for senior citizens. Provides creative ideas for designing and making custom home furnishings and accessories, including recycling and other low-cost decorating alternatives. Includes individual projects suited to students' needs, interests and capabilities. Repeatable 3 times. *One hour lecture, two hours lab (9 week course).*

Special Topics

These courses, numbered 098, 148, 248, or 348 depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Human Development

HUDV 038

3 Units

Child Development

Course Advisory: Eligibility for ENGL 001. A study of the developing human being from conception through the formative years with emphasis on the close interaction between heredity and the physical, cognitive and psycho-social environment. Observations are included. *Three hours lecture.*

HUDV 039

3 Units

School Years and Adolescent Development

Course Advisories: SCC minimum English standard; PSYC 001 or HUDV 038. Development and maturation of the school-age child and the adolescent; the interrelationship of physical, mental, social, and emotional events will be discussed along with a survey of community resources. *Three hours lecture.*

HUDV 040

3 Units

Family Relationships

Course Advisory: SCC minimum English standard. A study of sociological and psychological factors influencing marriage and alternative life-styles in contemporary society, including factors which affect interpersonal relationships within the family. *Three hours lecture.*

HUDV 050

3 Units

Child, Family, Community

Course Advisory: Eligibility for ENGL 001. A study of the relationship between the child, his/her family and his/her community. Includes an analysis of the major theories of personality and social development. Special emphasis is given to the resources of the local community that are available to children and families. *Three hours lecture.*

HUDV 052

2 Units

Issues In Aging

Course Advisory: Eligibility for ENGL 001. An interdisciplinary course in care of the elderly, designed for family caregivers and for professional aides employed in homes or institutions which service the elderly whether they are "young old" or "frail elderly." *Two hours lecture.*

HUDV 053

3 Units

Child Development In a Multi-Ethnic Society

Course Advisories: SCC minimum English and math standards. Helps students learn to recognize and confront barriers that interfere with their ability to deal effectively with people who differ from themselves while examining the societal systems through which children grow and develop. The course is designed to help students understand the theoretical and practical applications in dealing with issues of diversity. *Three hours lecture.*

HUDV 058

3 Units

Life Management

Course Advisory: SCC minimum English standard. A survey of the areas of life which influence decision-making. Students are introduced to areas of human development (emotional, intellectual, physical, and social) which influence decision making. They will analyze and evaluate differences in values, motivation, and goals. Includes introduction to financial, time and stress management, and communication skills. Requires written papers and problem-solving exercises. *Three hours lecture.*

HUDV 070

3 Units

Lifespan Human Development

Course Advisory: Eligibility for ENGL 001. Note: Not open for credit to students who have successfully completed HUDV 038/039. A survey of human development throughout the life cycle, including physical, social, intellectual, and emotional development from conception to death. Includes direct observation. *Three hours lecture.*

HUDV 075

.5 -3 Units

Children With Special Needs

Prerequisite: HUDV 038. Course Advisory: SCC minimum English standard. An introductory study of children with special needs, including causes of disabilities, their incidence, care, management, and general remedial procedures. Emphasis is on the child within the home and community settings. Repeatable to a maximum of 3 units, including initial enrollment. *One-half to three hours lecture.*

Nutrition

NUTR 010

3 Units

Nutrition

Course Advisory: SCC minimum English and math standards. Study of the basic principles of human nutrition. Essential nutrients, functions, chemical compositions of foods and their utilization in the body will be covered. The course will emphasize topics such as weight loss, sports nutrition, food safety, the diet-disease relationship, global nutrition, and analysis of special nutritional requirements during the lifecycle among others. Students utilize computer technology and nutritional assessment methods to evaluate personal dietary habits. (CAN FCS 2). *Three hours lecture.*

NUTR 012

.5, 1, 1.5 or 2 Units

Evaluating Current Topics in Nutrition

Course Advisories: SCC minimum English and math standards. Methods of evaluating current nutritional topics, determining reliable and unreliable sources of information and judging validity of experimental design. This course provides opportunities to study current, controversial topics in nutrition. Course topics include, but are not limited to, vitamin and mineral supplements, weight loss fads, phytochemicals and foods as medicine. Repeatable 3 times. *Eight hours lecture per .5 unit.*

NUTR 051

1 Unit

Nutrition Basics for Children

Course Advisories: SCC minimum English and math standards. Nutrient requirements and meal planning for children from the prenatal period through school age. Course emphasis is placed on identifying nutrition problems common in children and developing strategies that can help prevent these problems. *One hour lecture.*

NUTR 052

1 Unit

Child Nutrition for Early Childhood Education

Course Advisory: SCC minimum English standard. Nutritional assessment, meal planning and meal service for children. Also addresses the topic of food safety and sanitation. Course emphasis is placed on maintaining the optimal health, safety and nutritional status of children in group care. *One hour lecture.*

NUTR 053

3 Units

Child Health, Safety, and Nutrition

Course Advisories: SCC minimum English standard, HUDV 038, and ECE 062. This course examines basic nutrition, health, and safety needs of children from the prenatal period through school age. Topics to be covered include nutrition, common childhood diseases, and special health problems of the young child. The course emphasis is placed on maintaining the optimal health, safety, and nutritional status of children at home and in group care. *Three hours lecture.*

Home Economics

NUTR 101

2 Units

Food Service Sanitation

Course Advisories: SCC minimum English and math standards.

Covers the principles of food microbiology in a foodservice setting, important food-borne diseases, knowledge of standards and public health laws enforced by regulatory agencies, knowledge of applied measures for the prevention of food-borne diseases and other microbiological problems. The Hazardous Analysis Critical Control Point system will be included. Students who complete the course will be ready to take the ServSafe test. The ServSafe test is optional and will be given at the end of the course for those students desiring certification. Note: Course must be repeated every three years for food handler certification. *Four hours lecture (8 week course).*

Program Description

This program is designed to equip students with the basic knowledge and skills necessary for the variety of jobs in the field of Human Services. These courses are intended to provide entry-level skills and training for students who are interested in employment in mental health, social welfare, developmental services, corrections, alcohol and drug treatment, or child/adolescent treatment services.

Certificate of Achievement and Associate in Arts Degree

A Certificate of Achievement can be obtained upon completion of the 21-unit major with a grade of "C" (2.0) or better in each course. The Associate of Arts Degree can be obtained upon completion of 60 units, including the major with a grade of "C" (2.0) or better in each course, general education requirements, and electives.

Required Courses

	Units
HS 051—Intro. to Human Services	3
COUN 062—Helping Skills: Creating Alliances & Facilitating Change	3
COUN 063—Field Work	6
HS 052—Intro. to Group Processes	3
HS 053—Special Populations	3
HS 055—Case Management	3
	21

Recommended Electives

COUN 055, 064, 065
 CJ 001, 011, 058
 ECE 062
 HS 098
 HUDV 038, 039, 058, 070, 075
 PSYC 001, 002, 005, 010, 020, 034, 040, 065
 OCED 090
 SOCS 022, 023, 025, 026, 027
 SOC 001, 002, 040

HS 051

3 Units

Introduction to Human Services

Course Advisories: Eligibility for ENGL 001 and SCC minimum math standard. An introduction to human services which involves a critical exploration of the history, theoretical development, defining problems and causes within the field of human service, as well as the characteristics and career of a human services worker. The course studies a variety of local agencies, looking at the diverse population they serve, the politics and economics of the system and an evaluation of the legal and social issues with such a delivery system. *Three hours lecture.*

HS 052

3 Units

Introduction to Group Processes

Course Advisories: COUN 062; eligibility for ENGL 001; SCC minimum math standard. An introduction to the theory and dynamics of group interaction including psychoeducational, support, and therapeutic context. The various stages and process of group development are studied using both a conceptual and experiential approach. This course is intended to assist persons who will function as leaders in a variety of small group situations. *Three hours lecture.*

HS 053

3 Units

Serving Special Populations

Course Advisories: Eligibility for ENGL 001 and SCC minimum math standard. The study of the values, problems, issues, concerns and counseling needs of special population groups including, but not limited to age, gender, ethnicity, socioeconomic status, physical or psychiatric disability, sexual orientation, and chemical dependency characteristics. The course provides students with the insight, knowledge and skills necessary to work with diverse populations in human services settings. *Three hours lecture.*

HS 055

3 Units

Introduction to Case Management

Prerequisite: COUN 062. Course Advisories: Eligibility for ENGL 001 and SCC minimum math standard. An introductory course which acquaints students to the basic concepts and skills of case management. This course provides an introduction to the history and purpose of case management, case management concepts, legal and ethical considerations of case management, service planning and delivery, careers in case management and other topics. *Three hours lecture.*

Human Services

HS 060

3 Units

Empowerment Skills for Family Workers

Course Advisories: SCC minimum English and math standards. This is the first of a two part family development course to introduce front line human service workers to skills, theory and competencies needed to help families identify and reach their goals for self-reliance. Students will learn how to build on the strengths of families and communities and recognize important changes needed in systems with which families and workers interact. *Three hours lecture.*

HS 061

3 Units

Family Support Skills for Family Workers

Prerequisite: HS 060. Course Advisories: SCC minimum English and math standards. This is the second of a two-part family development course for front line Human Service workers and others interested in working in mental health. Course work will cover strength-based assessment, resource development, service coordination, home visitation, team building, goal setting and family conference and group facilitation. *Three hours lecture.*

Special Topics

These courses, numbered 098, 148, or 248 depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Industrial Management, Safety

Program Description

This program is designed to train men and women for management positions in government and industry. The program was developed in cooperation with representatives of the leading industries of Solano County and surrounding areas, and is approved by the Bureau of Industrial Education.

The Industrial Safety specialization is designed for the person in a supervisory capacity or the person aspiring to become a safety manager/technician with related experience and basic knowledge of industrial health and hygiene.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion of the 21-unit major listed below. The Associate in Science Degree can be obtained by completing a total of 60 units, including major, the general education requirements, and electives.

Required Courses

	Units	Recommended Electives:
CIS 001—Intro. to Computers	3	ACCT 001
IMGT 172—Industrial Safety	3	FIRE 050, 112
IMGT 182—Organization & Admin. of Safety Programs	3	MGMT 191
IMGT 183—Intro. to Industrial Hygiene	3	OCED 090, 091
MGMT 050—Principles of Mgmt.	3	
MGMT 191—Human Relations	3	
Elective selected from list of Recommended Electives	3	
	<u>3</u>	
	21	

Maintenance Technician

Program Description

This program is designed for the person seeking employment or upgrade of skills in the field of plant equipment/facility maintenance and repair.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion of the 29-unit major below. The Associate in Science Degree can be obtained by completing a total of 60 units including the major, the general education requirements, and electives.

Required Courses

	Units	Recommended Electives:
ACR 100 or 101—Air Conditioning	3	DRFT 050, 061, 075
DRFT 079—Blueprint Reading	2	ECTN 102
IT 110—Welding	3	FIRE 112
IT 140—Industrial Materials	3	OCED 090, 091
IT 151—Vocational Math	3	
IT 160—Electrical Fundamentals	3	
IT 170—Hydraulics & Pneumatics	3	
MT 160—Intro. to Manufacturing Technology	3	
MT 161—Advanced Manufacturing Technology	3	
MT 162—Robotic Manufacturing Systems	3	
	<u>3</u>	
	29	

Industrial Education

Mechatronics

Program Description

NOTE: Chancellor's Office
Approval Pending

Mechatronics is the blending of electronics, mechanics, electrical, and computers to produce a well-rounded technician capable of handling the complex maintenance and operations tasks demanded by modern manufacturing, transportation, communication, and other industries. The modularization of electromechanical devices no longer requires in-depth specialization of a single field of study as more emphasis is placed on troubleshooting and replacement skills for maintenance and generalized knowledge of how systems work together for operations and purchasing and planning.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon successful completion of the 36-unit major with a grade of C (2.0) or better in each course. The Associate in Science Degree can be obtained upon completion of a total of 60 units, including the major with a grade of C (2.0) or better in each course, the general education requirements, and electives.

Required Courses

	Units		Units
CIS 001—Introduction to Computer Science	3	MT 162—Robotics Manufacturing Systems	3
IT 101—How Things Work	3	6 units from electives below	6
IT 151—Vocational Math	3	Total required units:	36
MT 120—Principles of Analog Electronics	3		
MT 122—Principles of Digital Electronics	3	Select 6 units from the following electives:	
MT 130—Principles of Mechanical Power Systems	3	ACR 100 or 101—Air Conditioning (3 units)	
MT 132—Principles of Fluid Power Systems	3	DRFT 079—Blueprint Reading (3 units)	
MT 140—Principles of Electrical Systems	3	DRFT 045—Intro. to Computer Aided Drafting (CAD) (3 units)	
MT 148E—Principles of Electrical Machinery	3	ECTN 102—Electrical Safety (1-3 units)	
		IT 110—Welding (3 units)	
		IT 140—Industrial Materials (3 units)	
		OCED 090—Occupational Work Experience (1-3 units)	
		FIRE 118—Confined Space Rescue (2 units)	

Job-Direct Certificate Requirements

The required courses must be completed with a grade of "C" or better.

Manufacturing Technology

	Units
BUS 100—Work Readiness	1.5
MT 160—Intro. to Manufacturing Technology	3
MT 161—Advanced Manufacturing Technology	3
OCED 090—Occupational Work Experience	2
	9.5

Air Conditioning & Refrigeration

ACR 100

3 Units

Air Conditioning and Refrigeration

Course Advisory: SCC minimum English standard. A study of compression systems, controls, refrigerants, various refrigeration systems, and commercial applications designed to develop the ability to understand and apply the basic principles required to maintain and service this type of specialized equipment. *Three hours lecture.*

ACR 101

3 Units

Air Conditioning and Refrigeration

Course Advisories: ACR 100; SCC minimum English standard. The maintenance and servicing of commercial air conditioning and refrigeration systems with the study of techniques applied to refrigerant handling, systems controls, and compression systems. *Three hours lecture.*

Industrial Management

IMGT 172

3 Units

Industrial Safety

Course Advisory: SCC minimum English standard.

Comprehensive study and analysis of safety principles applied to the workplace. *Three hours lecture.*

IMGT 182

3 Units

Organization and Administration of Safety Programs

Course Advisory: SCC minimum English standard.

Comprehensive review of OSHA requirements and standards pertinent to all workplaces. This course will provide a comprehensive study and analysis of current practices and trends in the organization and administration of safety programs. *Three hours lecture.*

IMGT 183

3 Units

Introduction to Industrial Hygiene

Course Advisory: SCC minimum English standard.

Comprehensive study and analysis of the interrelationship between industrial hygiene and the safety professional. The course examines and contrasts the scope and responsibilities of the industrial hygienist and the safety professional on the occupational health team. *Three hours lecture.*

IMGT 186

3 Units

Elements of Accident Investigation

Course Advisory: SCC minimum English standard. Presentation of the principles and functions of accident investigation to meet the requirements and standards of Occupational Safety and Health Administration (OSHA), state, county, city, and insurance regulations. *Three hours lecture.*

Industrial Technology

Industrial Technology education, a part of general education, seeks to develop an interest and an understanding of the tools, materials, and products of industry. All Industrial Technology courses are general and exploratory in nature and are open to the entire college community. Those students seeking occupational trade training should refer to additional listings in "Automotive Body & Repair," "Automotive Technology," "Drafting," "Electronics," "Maintenance Technician," and "Welding."

IT 101

3 Units

How Things Work

Course Advisories: SCC minimum English and math standards.

Provides an understanding of how the technology in our lives works using only basic concepts and rudimentary mathematics. This course considers objects from our daily environment and focuses on their principles of operation, histories, and relationships to one another. Students learn about common technologies through lecture, classroom discussion and laboratory experiments. *Two hours lecture, three hours lab.*

IT 110

3 Units

Modern Welding

Course Advisory: SCC minimum English standard. Designed

to acquaint the student with the fields of arc and acetylene welding, the tools and equipment used, shop safety and employment opportunities. *Two hours lecture, three hours lab.*

IT 111

3 Units

Modern Welding

Prerequisite: IT 110. Designed to acquaint the student with MIG and TIG welding methods and knowledge necessary to weld in all positions utilizing the mild steel, low hydrogen electrodes, metal inert gas and tungsten inert gas techniques. *Two hours lecture, three hours lab.*

IT 140

3 Units

Industrial Materials

Course Advisory: SCC minimum English standard. A broad overview of the characteristics and comparative qualities of naturally occurring, alloyed and man-made materials used in industry. Testing and practical use of materials are required. *Two hours lecture, three hours lab.*

IT 150

3 Units

Industrial Process

Course Advisory: SCC minimum English standard. Presents the physical, chemical and mathematical processes related to the acquisition, refining, manipulation of man-made and naturally occurring materials used by such areas as auto mechanics, auto body, machine tool and welding. *Two hours lecture, three hours lab.*

IT 151

3 Units

Vocational Mathematics

Course Advisories: SCC minimum English and math standards.

Focuses on mathematical functions, plane and solid geometry, measurement systems, algebra, and trigonometry applied to specific vocational areas. *Three hours lecture.*

Industrial Education

IT 160

3 Units

Electrical Fundamentals

Course Advisory: SCC minimum English standard. Presents the principles of DC and AC circuits and introduces residential electrical installations that meet National Electrical Code requirements. Student will complete lab and wiring projects. Lab and electrical safety is emphasized. *Two hours lecture, three hours lab.*

IT 170

3 Units

Hydraulics & Pneumatics

Course Advisory: SCC minimum English standard. Study of the application of hydraulic and pneumatic fundamentals pertaining to industrial systems. Includes industrial pumps, actuators, accumulators, filters, meters, valves, and control devices with emphasis on theory, operation and troubleshooting. *Two hours lecture, three hours lab.*

IT 180

3 Units

Auto Maintenance

Course Advisory: SCC minimum English standard. Designed to provide an understanding of all phases of auto maintenance, design principles and laboratory practices. Especially useful for those considering further training for purposes of employment. Testing, practical demonstrations and laboratory exercises are required. Repeatable 2 times. *Two hours lecture, three hours lab.*

IT 190

2 Units

Metrics

Course Advisory: MATH 304. Presents the fundamentals of the metric system. Includes the history and development of the metric system, as well as how it works in industry. Includes scientific notation, dimensional analysis, and everyday practical uses. *Two hours lecture.*

Special Topics

These courses, numbered 148 or 248, depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Maintenance Technician

MT 110

1 Unit

Robotics Manufacturing Lab

Corequisite: CIS 112. Course Advisories: SCC minimum English and math standards. Lab to accompany CIS 112 - Introduction to Robotics Programming. Presents the student with hands-on experience programming and operating a 360 degree, 5-axis articulating robotic system. Laboratory and industrial safety standard will be emphasized. *Three hours lab.*

MT 120

3 Units

Principles of Analog Electronics

Course Advisories: SCC minimum English and math standards. Introduces the topic of analog electronics as it applies to mechatronics. Studies include an introduction to DC and AC circuitry as well as advanced electronic components, instruments used in the operation, installation, and troubleshooting of electronic systems, schematic diagrams, and breadboarding. Students will construct several kits as part of the class. *Two hours lecture, three hours lab.*

MT 122

3 Units

Principles of Digital Electronics

Course Advisories: SCC minimum English and math standards. Introduces the topic of digital electronics as it applies to mechatronics. Studies include an introduction to digital numbering systems, digital codes and logic, registers, memories, Boolean Algebra, and integrated circuits as well as advanced topics in computerized control systems. Students will construct several kits as part of the class. *Two hours lecture, three hours lab.*

MT 130

3 Units

Principles of Mechanical Power Systems

Course Advisories: SCC minimum English and math standards. Introduces the topic of mechanical power systems and mechanical power transmission as it applies to mechatronics. Studies include mechanical theory, mechanical power, thermal systems, hand tools, precision measuring instruments, and mathematics applied to mechanical power systems. Includes studies in manufacturing technology using modern manufacturing equipment and software simulators. *Two hours lecture, three hours lab.*

MT 132

3 Units

Principles of Fluid Power Systems

Course Advisories: SCC minimum English and math standards. Introduces the topic of hydraulic and pneumatic systems as they apply to mechatronics. Studies include fluid power systems theory, pumps, actuators, accumulators, filters, meters, valves, control devices, and mathematics applied to fluid power systems. Includes studies in manufacturing technology using modern manufacturing equipment and software simulators. *Two hours lecture, three hours lab.*

MT 140**3 Units****Principles of Industrial Electrical Systems**

Course Advisories: SCC minimum English and math standards. Introduces the topic of DC, single-phase and three-phase AC circuits as they apply to mechatronics. Introduces commercial/ industrial electrical installations that meet National Electrical Code requirements. Students will complete labs and wiring projects. Lab, electrical and worksite safety is emphasized. *Two hours lecture, three hours lab.*

MT 160**3 Units****Introduction to Manufacturing Technology**

Course Advisories: SCC minimum English and math standards. Presentation of the principles of manufacturing technology in safety habits, blueprint reading, precision measuring instruments, principles of applied mathematics and physics involved in mechanical, fluid and thermal systems. Students will develop solutions to manufacturing problems and apply safety oriented work habits to the completion of laboratory projects while working individually and in groups. *Two hours lecture, three hours lab.*

MT 161**3 Units****Advanced Manufacturing Technology**

Prerequisite: MT 160. Course Advisories: SCC minimum English and math standards. Presentation of the advanced principles in safety habits, applied mathematics and physics involved in mechanical, fluid, thermal and electrical system. Students will develop solutions to manufacturing problems and apply safety oriented work habits to the completion of laboratory projects while working individually and in groups. *Two hours lecture, three hours lab.*

MT 162**3 Units****Robotic Manufacturing Systems**

Prerequisite: MT 160 or ECTN 061. Course Advisories: SCC minimum English and math standards. Presentation of physical principles applied to automated manufacturing systems. Students will develop solutions to manufacturing problems using robots, programmable logic controllers (PLC) and computer numerical control (CNC) manufacturing machines. Students will also apply safety-oriented work habits to the completion of laboratory projects while working individually and in groups. *Two hours lecture, three hours lab.*

SPECIAL TOPICS

These courses, numbered 148 or 248, depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Interior Design

(For Industrial Management- See "Industrial Education")
(For Industrial Technology- See "Industrial Education")

Fine & Applied Arts/Behavioral Sciences Division

Program Description

This program is designed for vocational majors planning employment in interior design or interior merchandising occupations.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion the 28-unit major. The Associate in Science Degree can be obtained upon completion of a total of 60 units, including the major, general education requirements, and electives.

Required Courses

	Units
INTD 050—Interior Design	3
INTD 051—Materials & Techniques	3
INTD 052—Drafting/Perspect. Drawing for Interiors	3
INTD 053—History/Interiors and Furniture	3
INTD 055—Adv. Interior Design	3
INTD 061—Textiles	3
BUS 181—Business Mathematics	1
OCED 090—Occupation Work Experience	3
ART 007 — Color & Design	3
ART 060 — Exhibition Design	3
	28

Recommended Electives:

ART 001, 002, 006, 008, 011, 015
MKT 171
DRFT 060, 150
FMER 054, 055
OCED 091

INTD 050

3 Units

Interior Design

Course Advisory: SCC minimum English standard. Study of the basic principles and elements of design and their applications in furnishing residential interiors. Students design projects emphasize the functional and aesthetic use of space, color, furniture, accessories, and other resources. *Three hours lecture.*

INTD 051

3 Units

Materials and Techniques

Course Advisory: Eligibility for ENGL 001. Provides the practical expertise needed by interior design, construction and installation of custom furnishings for residential and commercial projects. Course work includes design projects, research on new products and technology, and innovative uses of existing resources. Repeatable 1 time. *Two hours lecture, two hours lab.*

INTD 052

3 Units

Drafting and Perspective Drawing for Interiors

Course Advisories: SCC minimum English and math standards. Basic graphic skills of interior design ideas, including one and two-point perspective drawing, drafting of floor plans, section detail and lettering. Student presentation of design project portfolio required. *Two hours lecture, four hours lab.*

INTD 053

3 Units

History of Interiors and Furniture

Course Advisory: SCC minimum English standard. Study of the dominant characteristics of historical interior styles, furniture designs, and architectural styles from ancient to modern times. *Three hours lecture.*

INTD 055

3 Units

Advanced Interior Design

Prerequisites: INTD 050, 051, 052, 053. Course Advisory: SCC minimum English standard. Focuses on pre-professional training and career opportunities in interior design and home furnishing merchandising. Course work includes study of color dynamics, light and space planning, research on new materials and technology, and client-oriented design projects for residential and/or commercial interior environments. *Three hours lecture.*

INTD 061

3 Units

Textiles for Interior Design

Course Advisories: SCC minimum English and math standards. The study of basic textile technology including fibers, yarns, fabric construction and finishes. Course includes hands-on experience with a variety of textiles. Evaluation is based on written examinations, fabric swatch book, and written assignments. *Two and one-half hours lecture, one and one-half hours lab.*

Journalism

Humanities Division

Program Description

Journalism teaches critical thinking and communication skills that enable students to translate events and issues of importance accurately and responsibly. Student who may benefit from the major are those anticipating careers in newspapers; television or film; photojournalism; layout, computer graphics or graphic design; advertising or public relations; or media management.

Associate in Arts Degree

An Associate in Arts Degree can be obtained upon completion of 60 units, including the required core courses, program electives, and courses in one of four emphasis areas (a total of 24 units); and completion of the general education requirements and electives.

Required Courses

	Units
JOUR 001—Newswriting & Reporting	3
JOUR 002—Intro. to Feature & Magazine Writing	3
JOUR 011—Intro. to Mass Communication	3
JOUR 060—Publications Laboratory	3
Program electives	12
	24
Area I:	
—ENGL 002, ENGL 004, MATH 011, SPCH 006, PHIL 005	

Area II—ART 006, ART 007, ART 052, ART 056, ART 057, ENGL 006, ENGL 058, JOUR 050, PHOT 030, PHOT 056, PHOT 070, SPCH 001, THEA 050, TV 055, TV 056, TV 060

Area III—OCED 090, any modern foreign language

Program electives are intended to improve students' critical thinking and communication skills and to give them tools to succeed in the workplace. Students must take at least three units in each of the following areas:

Area I—ENGL 002, ENGL 004, MATH 011, SPCH 006, PHIL 005

Area I—ART 006, ART 007, ART 052, ART 056, ART 057, ENGL 006, ENGL 058, JOUR 050, PHOT 030, PHOT 056, PHOT 070, SPCH 001, THEA 050, TV 055, TV 056, TV 060

Area I—OCED 090, any modern foreign language

NOTE: Courses with an "*" have prerequisites or advisories other than eligibility for ENGL 001.

Recommended Electives

Any course from a second emphasis area
Any foreign language
JOUR 060
*MATH 011
OCED 090, 091

JOUR 001**3 Units****Newswriting & Reporting**

Prerequisite: Eligibility for ENGL 001. This course teaches the theory and practice of writing news stories for the media. The student learns effective writing and interviewing strategies, common story structures, grammar and style rules, libel and privacy laws. (CAN JOUR 2). *Three hours lecture.*

JOUR 002**3 Units****Introduction to Feature and Magazine Writing**

Prerequisite: Eligibility for ENGL 001. This class teaches the theory and practice of feature writing, including profiles, critical reviews, opinion columns, travel, news features and trend stories. Students learn research and reporting methods, grammar and style rules, libel and privacy laws, and tools for marketing their stories. *Three hours lecture.*

JOUR 011**3 Units****Introduction To Mass Communication**

Prerequisite: Eligibility for ENGL 001. Study of the mass media including newspapers, magazines, radio, television, motion pictures and advertising which examines the standards, ethics, and rights of the media and the relationship of government and the public to the various media forms. Emphasis is on the functions, limitations, and responsibilities of the press, as well as the past, present and future impact on society and the individual. Attention will be given to theories of persuasion, the symbolic power and manipulation of images, and the relationship between information and knowledge. Essay examinations and critical papers are required. (CAN JOUR 4). *Three hours lecture.*

JOUR 050**1 Unit****Grammar and Style for Media Writers**

Prerequisite: Eligibility for ENGL 001. Course Advisory: SCC minimum Math standard. Intensive review of grammar, word use, spelling, and principles of clear, concise writing for the media. This is a credit/no credit only course. *Two hours lecture (8 week course).*

JOUR 060**1-3 Units****Publications Laboratory**

Prerequisite: Eligibility for ENGL 001. Theory, practice, and training in planning, writing, editing, art work, photography, and management of staff members of the college online and print newspaper. One-unit option requires three hours a week; two-unit option requires six hours a week; and three-unit option requires nine hours a week. Repeatable to a maximum of 12 units, including initial enrollment. *Three to six hours lab, three hours by arrangement weekly.*

Special Topics

These courses, numbered 098 or 148 depending upon their transferability, are courses of contemporary interest centered on changing knowledge and important issues in the field. Announcements of Special Topics courses appear in the Schedule of Classes.

Program Description

An interdisciplinary program which offers breadth and diversity rather than specialization. The curriculum is not housed within any one of the academic divisions, but consists of the sum of those courses approved for general education credit for the Associate Degree. This program offers a basic core education in the traditional academic disciplines, and the major is ideal for those students who are undecided in their major.

NOTE: The Liberal Arts Degrees are currently under revision in order to comply with changes to Title 5 regulations. Please check the Solano Community College Website and consult with a counselor for further information.

Liberal Arts Honors

Program Description

An interdisciplinary program which offers high achieving, highly motivated students an enriched educational experience designed to prepare them for a successful transition from community college to university.

Eligibility for Honors Program: Students must fulfill the requirements of one of the following categories:

Category 1: Entering high school graduates who have: scored 4 or better on the advanced placement exam in any academic area (Government, History, Language and Composition, Literature and Composition, Math, or Science).

Category 2: Solano College students who have: Achieved a 3.5 GPA after completing twelve units in Solano College classes. (NOTE: These 12 units must be completed in any Solano College course numbered 1 through 49, excluding PE activity classes.)

Once admitted to the Honors Program, students must maintain a 3.5 overall GPA, with a minimum grade of "B" in each honors course in order to remain eligible for the Honors program.

Liberal Arts

American Studies

AMST 001 **3 Units**

An Interdisciplinary Study of American Culture

Course Advisories: ENGL 001 and SCC minimum math standard. An interdisciplinary study of American civilization to the end of the Civil War. The course interrelates history, culture, philosophy and literature with emphasis on continuing themes. Critical papers and examinations are required. *Three hours lecture.*

AMST 002 **3 Units**

An Interdisciplinary Study of American Culture

Course Advisories: ENGL 001 and SCC minimum math standard. An interdisciplinary survey of American civilization from the late 19th century to the present. The course interrelates history, culture, philosophy and literature with emphasis on continuing themes. Critical papers and examinations are required. *Three hours lecture.*

Education

EDUC 050 **3 Units**

Introduction to Education

Course Advisory: SCC minimum English standard. Survey of American education as a social institution. The course is designed for, but not limited to, students who are considering entering the teaching profession. *Three hours lecture.*

Humanities

HUMN 001 **3 Units**

What It Means To Be Human

Prerequisite: ENGL 001. Explores what it means to be human by examining human life in several ways such as humans as social beings, language users, thinkers, myth makers, aggressors and peace makers, revolutionaries, scientists, creators media creators and consumers. Inquiry into each category will involve critical thinking, artistic sensitivity, and historical perspective. *Three hours lecture.*

HUMN 002 **3 Units**

Humans As Creators: The Media of Creativity

Course Advisory: Eligibility for ENGL 001. Exploration of the varieties of ways in which humans demonstrate their creative ability ranging from a study of the creative process itself to an examination of creativity in the arts, in the sciences, and in human organization. *Three hours lecture.*

HUMN 003 **3 Units**

Journey Into a Multi-Cultural Landscape

Course Advisories: SCC minimum English and math standards. Interdisciplinary course to help students recognize and explore sites of multicultural interaction and conflict in the U.S. by examining at least three different American ethnic cultures as well as cultural issues of gender, disability, sexual orientation, and age. Inquiry into the process of the making and representation of cultural artifacts will enable critical appraisal and appreciation, interpersonal sensitivity and multicultural perspective. *Three hours lecture.*

Learning Resources

LR 001 **3 Units**

Principles of Library Research

Course Advisories: Eligibility for ENGL 001; SCC minimum math standard. Broad overview of research methodology leading to successful information retrieval. The student will develop skills through analysis and comparison of print sources, electronic indexes, and web-based resources. *Three hours lecture.*

LR 010 **1 Unit**

Introduction to Library Research and Information Competency

Prerequisite: None. NOTE: Not open for credit to students who have completed LR 001. Course Advisories: Eligibility for ENGL 001; SCC minimum math standard. An introduction to Information Competency skills necessary to use research tools and select, locate, retrieve, and evaluate information. *One hour lecture and two hours by arrangement (12 week course).*

LR 011 (formerly LR 051) * **1.5 Units**

Internet Explored! Advanced Information Competency

Course Advisories: Eligibility for ENGL 001 and computer literacy (familiarity with basic computer functions). An advanced information competency course evaluating information and exploring information technology in society including Internet, World Wide Web, search engines (i.e., Google, Ask, Live), retrieval systems, and electronic publishing. *1.5 hours lecture. (*UC transferability pending)*

LR 012* **1.5 Units**

Information and Society

Course Advisories: Eligibility for ENGL 001, computer literacy (familiarity with basic computer functions), and LR 001, LR 010, or LR 011. Exploration of the social, cultural, and political context of information and information technologies like the Internet, World Wide Web, search engines, retrieval systems, electronic publishing, and distribution of media, including newspapers, books, and music. *1.5 hours lecture. (*UC transferability pending)*

Life Management

Fine & Applied Arts/Behavioral Sciences Division

Program Description

This program is intended for students desiring a broad overview of subjects involved in being an aware individual, consumer and wage earner. This is an interdisciplinary program, so the curriculum is not housed within any one division. The course descriptions may be found under the appropriate disciplines.

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained upon completion the 24-unit major. The Associate in Science Degree can be obtained upon completion of a total of 60 units, including the major, general education requirements, and electives.

Required Courses

	Units	Recommended Electives:
CIS 050—MicroComputer Appl.	3	ACCT 180
CIS 063—Intro to WordPerfect	3	BUS 182
FDES 060—Clothing Selection	3	COUN 050, 083
HUDV 040—Family Relationships		FDES 031, 062
OR		FMER 053
HUDV 070—Lifespan Human Dev.	3	HUDV 038 or 039, *040, 050, 052, 053
HUDV 058—Life Management	3	INTD 051, 053, 055
INTD 050—Interior Design	3	MGMT 191
MGMT 194—Personal Finance	3	NUTR 101
NUTR 010—Nutrition	3	OCED 090, 091
	24	

*If not used in the major.