

Ethnic Studies

Ethnic Studies

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 18-unit major, general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Ethnic Studies Associate Degree will be able to:

1. Increase understanding of diverse ethnic groups in American society.
2. Identify and analyze the impact of culture and the significance of history and literature.
3. Develop competence as it pertains to various ethnic groups including an understanding of their social, economic, political and philosophical development.
4. Develop competence in understanding the unique contributions of ethnic groups in American Society.

REQUIRED COURSES	Units
SOCS 022 Ethnic, Racial and Minority Group Relations in Harmony and Conflict	3
ART 012 Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3
OR	
MUSC 007 Jazz and Popular Music in America: Ragtime to Rock	3
OR	
MUSC 013 Multicultural Music in America	3
COUN 055 Valuing Diversity	3
HIST 028 African American History to 1877	3
OR	
HIST 029 African American History Since 1865	3
OR	
PLSC 005 Constitutional Rights in a Multicultural Society	3
OR	
SOCS 030 Peace, Non-Violence, and Conflict Resolution	3
OR	
SOCS 053 Civil Rights, Non-Violence, and Race Relations	3
Select 6 units from the Electives List	6
Total Units	18

Electives List (Select 6 units)	Units
ANTH 002 Cultural Anthropology	3
COUN 055* Valuing Diversity	3
ENGL 033 Survey of African American Literature in the United States	3
ENGL 036 Multi-Ethnic Literature in America	3
HIST 028* African American History to 1877	3
HIST 029* African American History Since 1865	3
HIST 031 Mexican American/Chicano History	3
HS 053 Serving Special Populations	3
JAPN 101 Conversational Japanese	3
JAPN 102 Conversational Japanese	3
MUSC 007* Jazz and Popular Music in America: Ragtime to Rock	3
MUSC 013* Multicultural Music in America	3
PLSC 005* Constitutional Rights in a Multicultural Society	3
PSYC 007 Cross-Cultural Psychology	3
SOC 002 Social Issues and Problems	3
SOC 023 Sociology of African Americans	3
SOCS 025 Mexican-American Experience	3
SOCS 027 Native American Experience	3
SOCS 053* Civil-Rights, Non-Violence and Race Relations	3
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 025 Introduction to Latin-American Culture: Exploration of Identity Through Essay, Film and Short Story	3
THEA 013 Diversity in American Theatre: A Contemporary Focus	3

* If not previously taken for the major.

Fashion Design

Associate Degree

Not offered in this program

FDES 062

3.0 Units

Clothing Construction

Course Advisory: 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

3.0 Units

Costume History

Course Advisory: 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 065

1.0 Unit

Alterations and Fit in Ready-To-Wear

Course Advisory: SCC minimum English and Math standards. 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. *One-half hour lecture, one and one-half hour lab.*

Film and Television

Film and Television

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 19 – 20-unit major, the general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Film and Television Associate Degree will be able to:

1. Conceive, structure, organize, produce, direct, film and edit to successful completion a short digital film and TV program.
2. Conceive, structure, organize and write film and TV treatments and scripts.
3. Critically evaluate film.
4. View and evaluate films, providing written and verbal critiques.
5. Demonstrate knowledge of film theory and history and TV/radio broadcasting mediums.

REQUIRED COURSES	Units
CINA 010 The Art of Cinema	3
CINA 015 Film Production	4
TV 050 Survey of Broadcasting	3
TV 055 Beginning Television Production	3
TV 056 Advanced Television Production	3
OR	
CINA 016 Film Production	4
TV 060 Television and Film Writing	3
Total Units	19 – 20

Recommended Electives:

ART 010 Art Appreciation
CINA 011 American Cultures in Film
COMM 015 Oral Interpretation of Literature
JOUR 011 Introduction to Mass Communication
MUSC 008 Music Appreciation
PHOT 030 Beginning Photography
THEA 001 Acting 1
THEA 002 Acting 2
THEA 010 History of Theatre 1
THEA 050 Performance for the Camera
TV 061 Advanced Film Writing
TV 099 Telecommunications Honors

Cinematography

CINA 010

3.0 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

3.0 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.*

Film and Television

CINA 015 **4.0 Units**
Film Production

Prerequisite: CINA 010 with a minimum grade of C (may be taken concurrently). An introduction to digital 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 digital films, exercises and written work. *Three hours lecture.*

CINA 016 **4.0 Units**
Film Production

Prerequisite: CINA 015 with a minimum grade of C. 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. *Three hours lecture, three hours by arrangement.*

Television

TV 050 **3.0 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 **3.0 Units**
Beginning Television Production

Prerequisite: TV 050 (may be taken concurrently). 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 **3.0 Units**
Advanced Television Production

Prerequisite: TV 055 or previous television production experience. Course Advisory: SCC minimum English standard. 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. *Three hours lecture, one hour lab.*

TV 060 **3.0 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 **3.0 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. *Three hours lecture.*

TV 099 **1.0 to 3.0 Units**
Telecommunications Honors

Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a minimum grade of B; an ability to work independently; permission of the School 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. Students may take this course up to the maximum number of units over multiple semesters. *Three to nine hours by arrangement.*

Fire Technology

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.

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, the general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Fire Technology Certificate of Achievement/ Associate Degree will be able to:

1. Identify minimum qualifications and entry-level skills for fire fighter hiring.
2. Demonstrate knowledge of fire service history, culture, and diversity.
3. Demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and fire fighter safety.
4. Identify and comprehend laws, regulations, codes, and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and firefighter health and safety.
5. Analyze the causes of fire; determine extinguishing agents and methods; differentiate the stages of the fire and fire department; and compare methods of heat transfer.
6. Calculate flow requirements for fire apparatus; diagram a pump and plumbing schematic for fire apparatus; and apply mathematic formulae to hydraulics problems.
7. Identify and describe common types of building construction and conditions associated with structural collapse and fire fighter safety.
8. Differentiate between fire detection and fire suppression systems; design and diagram a wet and dry fire protection system; and identify alarm system components and their operations.

REQUIRED COURSES	Units
FIRE 050 * Principles of Emergency Services	3
FIRE 051 Fire Behavior & Combustion	3
FIRE 053 Fire Prevention	3
FIRE 054 Fire Protection Systems	3
FIRE 055 Fundamentals of Fire Service Operations	3
FIRE 056 Building Construction For The Fire Service	3
Select 12 units from electives	12
Total Units	30

Select 12 units from the following electives:	Units
FIRE 102 * Fire Service Safety Practices	3
FIRE 114 Fire Apparatus Maintenance	3
FIRE 140 Fire Technology Academy	24
IT 120 Electrical Safety	3
OCED 090 Occupational Work Experience	1 - 8

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

This is a Gainful Employment Program. For additional information, please visit http://www.solano.edu/gainful_employment/ and select "Fire Technology."

Fire Technology

FIRE 050 **3.0 Units**
Fire Protection Organization

Course Advisory: SCC minimum English standard. This course provides an overview of fire protection; career opportunities in the fire service and related fields; history of fire service and fire protection; fire organization and management; function of public and private protection services; fire departments as part of local government; fire prevention and investigation; building construction; specific fire protection functions; fire and emergency service apparatus and facilities; and introduction to fire protection 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 051 **3.0 Units**
Fire Behavior & Combustion

Course Advisory: SCC minimum English standard. Provides the student with 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. Field Trip may be required. *Three hours lecture.*

FIRE 053 **3.0 Units**
Fire Prevention Applications

Course Advisory: SCC minimum English standard. This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau. It will also discuss the use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention 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 **3.0 Units**
Fire Protection Systems

Course Advisory: SCC minimum English standard. This course will provide information relating to the features of design and operation of fire detection and alarm systems and heat and smoke control systems. It will discuss 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 056 **3.0 Units**
Building Construction as it Relates to the Fire Service

Course Advisory: SCC minimum English and Math standards. This course is intended to provide basic information about how buildings are designed and constructed. Through a basic understanding of building construction, the student will acquire an understanding of how buildings will behave under fire conditions. This course will aid in decision making related to fire prevention and fire control with the goal of successful fire ground operations. 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 101 **3.0 Units**
Principles of Fire and Emergency Services Safety and Survival

Course Advisory: English 001 and SCC minimum Math standard. This course introduces the basic principles and history related to the firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. *Three hours lecture.*

Fire Technology

FIRE 102 **3.0 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 114 **3.0 Units**
Fire Apparatus Maintenance

Course Advisory: Eligibility for English 001 and SCC minimum Math standard. 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 128 **3.0 Units**
Emergency Medical First Responder for the Fire Service

Course Advisory: SCC minimum English and Math standards. Intended as a prerequisite for the stand alone EMT 212 course and as a prerequisite for EMT 212 included as part of Fire 113A the Wildland Fire Academy, Fire 128 provides the student with the basic, pedagogical emergency care procedures for sick and injured victims as a first responder including but not limited to: cuts, abrasions, broken bones, trauma injuries, burns and respiratory / cardiovascular emergencies. *Two and one-half hours lecture, one and one-half hours lab.*

FIRE 132 **2.0 Units**
Pump Operation and Fire Hydraulics

Course Advisory: SCC minimum English standard. Presents the principles of hydraulics as they relate to pumps used in fire fighting and appurtenant manipulative skills that accompany these principles. *Thirty-two hours lecture, eight hours lab (1-week course).*

FIRE 140 **24.0 Units**
Fire Technology Academy

Prerequisite: FIRE 050 with a minimum grade of C and FIRE 083 or KINE 083 with a minimum grade of C, or a passing grade on the CPAT or PACK test as evidenced by a certificate of completion. A course containing the contents of FIRE 115, 123, 124, 125, 126, 127, 129, 130, 131, and 83 and Certification of State Fire Marshal courses of I-200, Fire Control I, Fire Control 3B, Water/Swiftwater Rescue Awareness, Confined Space Awareness, Rescue Systems I, Trench Rescue, Low Angle Rescue, American Red Cross EMS First Responder for the Professional, and State Fire Marshal Certified wildland courses of S-190, S-130, S-131, S-134, L-180 and CALFIRE 67 Hour Basic Course. Successful students who maintained at least an 80% score on each unit and subject covered in this course may become eligible for certification by the State Fire Marshal as a Firefighter I pending a required internship with a recognized fire entity. The Solano College Fire Technology Program and its appurtenant Firefighter I Academy is a California State Fire Marshal Accredited Regional Training Program. Students enrolling in FIRE 140 are required to complete a mandatory information session prior to the course (see Schedule of Classes for the information session date and time.) *Fourteen hours lecture, thirty hours lab.*

FIRE 153 **1.0 Unit**
Rescue Systems I

Prerequisite: Low Angle Rope Rescue. Dean approval based on State Fire Marshals guidelines. *Course Advisory: SCC minimum English and Math standards.* Provides the required knowledge and manipulative skills necessary to safely and effectively perform rescues from elevated and subterranean surfaces. Formerly FIRE 148T. *Twelve hours lecture, twenty-eight hours activity (1-week course).*

Foreign Languages

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. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Foreign Languages, General Associate Degree will be able to:

1. Read, write, speak, listen, and engage with the target culture in more than one language, at the novice-mid to advanced proficiency levels (depending on course level), as prescribed by the ACTFL Proficiency Guidelines and the ILR Culture Proficiency Guidelines. (Minimum of 20 units)

REQUIRED COURSES Units

French

FREN 001 First Semester French 5

OR

FREN 031 First Semester French, Part 1 3

AND

FREN 032 First Semester French, Part 2 3

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

German

GRMN 001 First Semester German 5

OR

GRMN 031 First Semester German, Part 1 3

AND

GRMN 032 First Semester German, Part 2 3

GRMN 002 Second Semester German 5

OR

GRMN 033 Second Semester German, Part 1 3

AND

GRMN 034 Second Semester German, Part 2 3

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 First Semester Spanish, Part 1 3

AND

SPAN 032 First Semester Spanish, Part 2 3

SPAN 002 Second Semester Spanish 5

OR

SPAN 033 Second Semester Spanish, Part 1 3

AND

SPAN 034 Second Semester Spanish, Part 2 3

SPAN 003 Third Semester Spanish 5

SPAN 004 Fourth Semester Spanish 5

SPAN 011 Conversational Spanish 3

SPAN 012 Intermediate Spanish Conversation 3

Latin Units

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. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Foreign Languages, Individual Associate Degree will be able to:

1. Read, write, speak, listen, and engage with the target culture at the novice-mid to advanced-low proficiency levels (depending on course level), as prescribed by the ACTFL Proficiency Guidelines and the ILR Culture Proficiency Guidelines.

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 Semester French, Part 1	3
FREN 032 First Semester French, Part 2	3
FREN 049 French Honors.	1 - 3

Foreign Language, German Units

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 Intermediate German Conversation	3
GRMN 031 First Semester German, Part 1	3
GRMN 032 First Semester German, Part 2	3
GRMN 033 Second Semester German, Part 1	3
GRMN 034 Second Semester German, Part 2	3
GRMN 049 German Honors 1	3

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 Intermediate Spanish Conversation	3
SPAN 025 Introduction to Latin-American Culture: An Exploration of Identity Through Essay, Film, and Short Story.	3
SPAN 031 First Semester Spanish, Part 1	3
SPAN 032 First Semester Spanish, Part 2	3
SPAN 033 Second Semester Spanish, Part 1	3
SPAN 034 Second Semester Spanish, Part 2	3
SPAN 049 Spanish Honors.	1 - 3
SPAN 061M Beginning Spanish, Part 1 for Medical Workers.	3
SPAN 062M Beginning Spanish, Part 2 for Medical Workers.	3
SPAN 063M Beginning Spanish, Part 3 for Medical Workers.	3
SPAN 064M Beginning Spanish, Part 4 for Medical Workers.	3
SPAN 001S Spanish for Spanish Speakers 1	5
SPAN 002S Spanish for Spanish Speakers 2	5

Latin Units

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

Foreign Languages

Associate in Arts in Spanish for Transfer (ADT: A.A.-T)

Program Description

The Associate in Arts Degree in Spanish for Transfer (A.A.-T) is for students who intend to complete a bachelor's degree in Spanish at a CSU. Students will take courses in Spanish required for Spanish majors. This program teaches writing, reading, speaking, listening and comprehension in the target language, as well as critical thinking skills in the context of engaging and processing cultural materials, with the intent to heighten cultural awareness and sensitivity to diversity.

Associate in Arts in Spanish for Transfer Degree

Students who complete this degree will be guaranteed admission with junior status to the California State University system, though not to a particular campus or major. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

To earn the Associate in Arts in Spanish for Transfer degree, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
2. Obtain a minimum grade point average of 2.0.

Program Outcomes

Students who complete the Associate in Arts in Spanish for Transfer degree, will be able to:

1. Build cultural awareness of Spanish-speaking cultures through comparison and contrast of linguistic variances, as well as various customs, societies, and institutions.
2. Demonstrate reading, writing, and analysis in Spanish at the intermediate/high to advanced proficiency level based on the ACTFL guidelines.
3. Demonstrate oral and aural abilities in Spanish at the intermediate/high to advanced proficiency level based on the ACTFL guidelines.

REQUIRED COURSES	Units
SPAN 001 First Semester Spanish	5
SPAN 002 Second Semester Spanish	5
SPAN 003 Third Semester Spanish	5
OR	
SPAN 001S Spanish for Spanish Speakers 1	5
SPAN 004 Fourth Semester Spanish	5
OR	
SPAN 002S Spanish for Spanish Speakers 2	5
Select 3 units from List A.	3

List A (Select 3 units)	Units
HIST 021 Mexican American/Chicano History	3
SPAN 011 Conversational Spanish.	3
SPAN 012 Intermediate Spanish Conversation	3
SPAN 025 Introduction to Latin-American Culture: Exploration of Identity Through Essay, Film, and Short Story	3
SPAN 026 Spanish Cinema for Conversation.	3
SOCS 022 Ethnic, Racial and Minority Group Relations in Harmony and Conflict.	3
SOCS 025 Mexican-American Experience	3

Required Major Total Unit	23
CSU General Education or IGETC Pattern Units .	37 - 39
CSU Transferable Electives	
(as needed to reach 60 transferable units)*	7 - 9
Total Degree Units	60

* 9 units may be double counted toward both the major area of emphasis and CSU General Education or IGETC Pattern. Consult with a counselor for more information on completing this degree.

Foreign Languages

American Sign Language

ASL 046 **3.0 Units** **American Sign Language 1**

Prerequisite: Eligibility for ENGL 001. An introductory course to the culture and language of the deaf in this country. The course includes the acquisition of Fingerspelling skills and basic functional vocabulary of ASL. In addition to fluency in these two separate skills, the student will acquire basic knowledge of ASL syntax and nonverbal aspects of ASL, a history of the deaf in the country and deaf education, variations in Manual Communication, and the Culture of the Deaf. There will be both written and signed examinations, a research project, homework assignments, and individual examinations to demonstrate competency in both expressive and receptive ASL. Students will be expected to acquire a vocabulary of approximately 500 words (signs) and be proficient in Fingerspelling. Formerly ENGL 046. *Three hours lecture.*

ASL 047 **3.0 Units** **American Sign Language 2**

Course Advisory: SCC minimum English standard. Emphasis is on vocabulary expansion, introduction to ASL idiomatic expressions and information regarding the ethics and process of becoming a sign language interpreter. Assessment of competency is accomplished through written and communicative examinations. Some interaction with the deaf population is required. Formerly ENGL 047. *Three hours lecture.*

French

FREN 001 **5.0 Units** **First Semester French**

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 activities manual will be used to evaluate student progress. NOTE: Not open for credit to students who have had two or more years of high school French with a minimum grade of B within the last three years or to students who have completed FREN 031 and/or 032. *Five hours lecture.*

FREN 002 **5.0 Units** **Second Semester French**

Prerequisite: A minimum grade of C in either FREN 001, or FREN 032, or two years of high school French with a minimum grade of C. 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 assignments and completion of the activities manual will be used to evaluate student progress. NOTE: Not open to students who have completed FREN 033 and/or 034. *Five hours lecture.*

FREN 003 **5.0 Units** **Third Semester French**

Prerequisite: A minimum grade of C in either FREN 002, or FREN 034, or three years of high school French with a minimum grade of C. Continuation of FREN 002, that 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 activities manual will be used to evaluate student progress. *Five hours lecture.*

FREN 004 **5.0 Units** **Fourth Semester French**

Prerequisite: FREN 003 with a minimum grade of C. Continuation of French 003. Reviews and expands knowledge of elements previously learned, while introducing new material. Exposure to the culture and thinking of the French-speaking world. Extensive work is done in reading, writing and conversing in French. Regular Quizzes, exams, written and oral assignments required. *Five hours lecture.*

Foreign Languages

FREN 011 **3.0 Units**
Conversational French

Prerequisite: A minimum grade of C in either FREN 002 or FREN 034. 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 **3.0 Units**
Intermediate French Conversation

Prerequisite: FREN 011 with a minimum grade of C, or the equivalent. This course is a continuation of FREN 011, and is designed to promote competency in the oral use of the language and to increase fluency by expanding beyond previously learned materials, vocabulary and patterns of speech. The course emphasizes the practical application of the language, not grammar acquisition or review, exposing students to global awareness through a rich variety of Francophone cultural sources. *Three hours lecture.*

FREN 031 **3.0 Units**
First Semester French, 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 the Francophone culture. Exams, quizzes, written and oral assignments and completion of the activities manual will be used to evaluate student progress. 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. 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 minimum grade of B within the past three years. *Three hours lecture.*

FREN 032 **3.0 Units**
First Semester French, Part II

Prerequisite: FREN 031 with a minimum grade of C, or one year of high school French with a minimum grade of C. 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 activities manual will be used to evaluate student progress. 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. 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 minimum grade of B within the last three years. *Three hours lecture.*

FREN 049 **1.0 to 3.0 Units**
French Honors

Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a minimum grade of B; an ability to work independently; permission of the School Dean based on instructor availability. Independent study and research, by arrangement with the instructor, in specified fields of study in French or creative writing in French. Students may take this course up to the maximum number of units over multiple semesters. *Three to nine hours by arrangement with instructor and School Dean.*

German

GRMN 001 **5.0 Units**
First Semester German

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 activities manual will be used to evaluate student progress. NOTE: Not open for credit to students who have had two or more years of high school German with a minimum grade of B within the last three years or to students who have completed GRMN 031 and /or 032. *Five hours lecture.*

Foreign Languages

GRMN 002

5.0 Units

Second Semester German

Prerequisite: A minimum grade of C in GRMN 001, or 032, or two years of high school German or the equivalent with a minimum grade of C. 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 activities manual will be used to evaluate student progress. NOTE: Not open to students who have completed GRMN 033 and /or 034. Five hours lecture.

GRMN 003

5.0 Units

Third Semester German

Prerequisite: A minimum grade of C in either GRMN 002, or GRMN 034, or three years of high school German with a minimum grade of C. 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 German, Austrian and Swiss writers. Exams, quizzes, written assignments and completion of the activities manual will be used to evaluate student progress. Five hours lecture.

GRMN 004

5.0 Units

Fourth Semester German

Prerequisite: GRMN 003 with a minimum grade of C, or four years of high school German with a minimum grade of C. 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 activities manual will be used to evaluate student progress. Five hours lecture.

GRMN 011

3.0 Units

Conversational German

Prerequisite: A minimum grade of C in either GRMN 002 or GRMN 034. 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.

GRMN 012

3.0 Units

Intermediate German Conversation

Prerequisite: GRMN 011 with a minimum grade of C. A continuation of GRMN 011, 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, exposing students to global awareness through a rich variety of cultural sources from the German-speaking world. Three hours lecture.

GRMN 031

3.0 Units

First Semester German, 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 the German culture. Exams, quizzes, written assignments and completion of the lab manual will be used to evaluate student progress. NOTE: In order to fulfill the one-semester German 001 requirement of some universities, transfer students must complete the sequence of GRMN 031 and 032. NOTE: Not open for credit to students who have had two or more years of high school German with a minimum grade of B within the last three years or to students who have completed GRMN 001. Three hours lecture.

Foreign Languages

GRMN 032

3.0 Units

First Semester German, Part II

Prerequisite: GRMN 031 with a minimum grade of C, or one year of high school German with a minimum grade of C. 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. NOTE: In order to fulfill the one-semester German 001 requirement of some universities, transfer students must complete the sequence of GRMN 031-032. NOTE: Not open for credit to students who have had two or more years of high school German with a minimum grade of B within the last three years or to students who have completed GRMN 001. *Three hours lecture.*

GRMN 033

3.0 Units

Second Semester German, Part I

Prerequisite: A minimum grade of C in either 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

3.0 Units

Second Semester German, Part II

Prerequisite: GRMN 034 with a minimum grade of C. 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 049

1.0 to 3.0 Units

German Honors

Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a minimum grade of B; an ability to work independently; permission of the School Dean based on instructor availability. Independent study and research, by arrangement with the instructor, in specified fields of study in German or creative writing in German. Students may take this course up to the maximum number of units over multiple semesters. *Three to nine hours by arrangement with instructor and School Dean.*

Italian

ITAL 031

3.0 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 activities manual will be used to evaluate student progress. NOTE: In order 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.*

ITAL 032

3.0 Units

First Semester Italian, Part II

Prerequisite: ITAL 031 with a minimum grade of C. *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 activities manual will be used to evaluate student progress. *Three hours lecture.*

Foreign Languages

ITAL 033 **3.0 Units**
Second Semester Italian, Part I

Prerequisite: ITAL 032 with a minimum grade of C. Course Advisory: 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 activities manual will be used to evaluate student progress. *Three hours lecture.*

ITAL 034 **3.0 Units**
Second Semester Italian, Part II

Prerequisite: ITAL 033 with a minimum grade of C. 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 activities manual will be used to evaluate student progress. *Three hours lecture.*

Japanese

JAPN 101 **3.0 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 **3.0 Units**
Conversational Japanese

Prerequisite: JAPN 101 with a minimum grade of C. 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 **3.0 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 **3.0 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 **3.0 Units**
Latin Fundamentals

Prerequisite: 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.*

LATN 049 **1.0 to 3.0 Units**
Latin Honors

Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a minimum grade of B; an ability to work independently; permission of the School Dean based on instructor availability. Independent study and research, by arrangement with the instructor, in specified fields of study in Latin or creative writing in Latin. Students may take this course up to the maximum number of units over multiple semesters. *Three to nine hours by arrangement with instructor and School Dean.*

Foreign Languages

Spanish

SPAN 001 **5.0 Units** **First Semester Spanish**

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. The students will interact with authentic language in a cultural context. NOTE: Not open for credit to students who have had two or more years of high school Spanish with a minimum grade of B 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. C-ID SPAN 100. *Five hours lecture.*

SPAN 001S **5.0 Units** **Spanish for Spanish Speakers 1**

Prerequisite: Designed for heritage speakers. Intermediate proficiency in speaking, writing, listening and reading, as determined by the ACTFL guidelines. Prior consent of instructor required. NOTE: Not an entry-level language class. Open to heritage students who have proficiency in the language, but have had little or no formal training; or other linguistically qualified students who have completed two full semesters of college Spanish, or the equivalent; or by consent of instructor. *Course Advisory: SCC minimum English and Math standards.* This course, which is conducted entirely in Spanish, is the first part of a two-semester sequence designed for heritage speakers of Spanish, or other linguistically qualified students, who are proficient in the language, but who have had little or no formal language training. It provides instruction that builds upon students' existing skills in reading, writing, speaking, listening and cultural knowledge. The course will underscore accuracy in the use of linguistic registers, hone aural comprehension, provide instruction in oral and written communication, expand word usage and vocabulary, and increase cultural awareness, so that students are able to address topics that go beyond the personal sphere. NOTE: Not an entry-level language class. Open to heritage students who have proficiency in the language, but have had little or no formal training; or other linguistically qualified students who have completed two full semesters of college Spanish, or the equivalent; or by consent of instructor. C-ID SPAN 220. *Five hours lecture.*

SPAN 002 **5.0 Units** **Second Semester Spanish**

Prerequisite: Minimum grade of C in SPAN 001, or SPAN 001S, or SPAN 032, or SPAN 062M, or two years of high school Spanish with a minimum grade of C, or the equivalent. Continuation of SPAN 001. Continues students' introduction to 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 through authentic language in a cultural context. NOTE: Not open to students who have completed SPAN 002S, or SPAN 033 and/or 034, or SPAN 063M and/or 064M. C-ID SPAN 110. *Five hours lecture.*

SPAN 002S **5.0 Units** **Spanish for Spanish Speakers 2**

Prerequisite: SPAN 001S with a minimum grade of C, or by consent of instructor. *Course Advisory: SCC minimum English and Math standards.* This course, which is conducted entirely in Spanish, is the second part of a two-semester sequence designed for heritage speakers of Spanish, or other linguistically qualified students, who are proficient in the language, but who have had little or no formal language training. It provides instruction that builds upon students' existing skills in reading, writing, speaking, listening and cultural knowledge. The course will underscore accuracy in the use of linguistic registers, hone aural comprehension, provide instruction in oral and written communication, expand word usage and vocabulary, and increase cultural awareness, so that students are able to address topics that go beyond the personal sphere. NOTE: Designed for heritage speakers. Intermediate proficiency in speaking, writing, listening and reading, as determined by the ACTFL guidelines. Open to students who have completed SPAN 001S or SPAN 003 or the equivalent, or consent by instructor. C-ID SPAN 230. *Five hours lecture.*

Foreign Languages

SPAN 003

Third Semester Spanish

Prerequisite: A minimum grade of C in SPAN 002, or SPAN 002S, or SPAN 034, or SPAN 064M, or three years of high school Spanish with a minimum grade of C. This course teaches culture and facilitates language acquisition through listening, speaking, reading and writing. Students will continue to interact with authentic language in context and express personal meaning, using different strategies and techniques that go beyond casual conversation, in order to express opinions, make suggestions on familiar topics, discuss some abstract issues, and make plans. Students will demonstrate the ability to think critically by analyzing linguistic structures and reflecting on and making cross-cultural comparisons. Students will demonstrate an increased awareness of cultural norms, values, and culturally relevant appropriate customs and events. This course will be taught in Spanish. *Five hours lecture.*

5.0 Units

SPAN 004

Fourth Semester Spanish

Prerequisite: SPAN 003 with a minimum grade of C or four years of high school Spanish with a minimum grade of C. Continuation of Spanish 003. This course continues to expand upon culture and facilitate language acquisition through listening, speaking, reading and writing. Students will continue to interact with authentic language in context and express personal meaning, using different strategies and techniques that go beyond casual conversation, in order to express opinions, make suggestions on familiar topics, discuss some abstract issues, and make plans. Students will demonstrate the ability to think critically by analyzing linguistic structures and reflecting on and making cross-cultural comparisons. Students will demonstrate an increased awareness of cultural norms, values, and culturally relevant appropriate customs and events. This course will be taught in Spanish. *Five hours lecture.*

5.0 Units

SPAN 011

Conversational Spanish

Prerequisite: A minimum grade of C in SPAN 002, or SPAN 02S, or SPAN 034. 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.*

3.0 Units

SPAN 012

Intermediate Spanish Conversation

Prerequisite: Spanish 011 with a minimum grade of C. This course is a continuation of SPAN 011, and is designed to promote competency in the oral use of the language and to increase fluency by expanding beyond previously learned materials, vocabulary, and patterns of speech. The course emphasizes the practical application of the language, not grammar acquisition or review, exposing students to global awareness through a rich variety of Latino cultural sources. *Three lecture hours.*

3.0 Units

SPAN 025

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

Prerequisite: SPAN 003 with a minimum grade of C, or the equivalent by consent of the instructor. *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.*

3.0 Units

SPAN 026

Spanish Cinema for Conversation

Prerequisite: SPAN 003 with a minimum grade of C or the equivalent by consent of the instructor. *Course Advisory:* SCC minimum English standards. This course will expose students to the diversity and complexity of Spanish and Latin American thought as expressed in films in the target language with the use of subtitles. The spring-board for building of the students' conversational skills will be issues that inform contemporary culture and, secondarily, an exploration of their artistic and cinematic rendition. Conversations and essays will also address the specific cinematic and artistic techniques and symbolism, of each film. Active participation, viewing and discussion of all films is necessary for completion of the course. This course will be conducted in Spanish. Formerly SPAN 048A. *Three hours lecture.*

3.0 Units

Foreign Languages

SPAN 031

3.0 Units

First Semester Spanish, 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 the Hispanic culture. Exams, quizzes, written assignments and completion of the activities manual will be used to evaluate student progress. 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. 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 minimum grade of B within the last three years. *Three hours lecture.*

SPAN 032

3.0 Units

First Semester Spanish, Part II

Prerequisite: A minimum grade of C in either SPAN 031 or SPAN 061M. 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 activities manual will be used to evaluate student progress. 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. 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 minimum grade of C within the last three years. *Three hours lecture.*

SPAN 033

3.0 Units

Second Semester Spanish, Part I

Prerequisite: SPAN 001, or SPAN 001S, or SPAN 032, or SPAN 062M with a grade of C or better. 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 activities manual will be used to evaluate student progress. NOTE: Not open for credit to students who have received credit for SPAN 002, SPAN 002S, or SPAN 063M. *Three hours lecture.*

SPAN 034

3.0 Units

Second Semester Spanish, Part II

Prerequisite: A minimum grade of C in either SPAN 033 or SPAN 063M. 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 activities manual will be used to evaluate student progress. NOTE: Not open for credit to students who have received credit for SPAN 002 or SPAN 002S. *Three hours lecture.*

SPAN 049

1.0 to 3.0 Units

Spanish Honors

Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a minimum grade of B; an ability to work independently; permission of the School Dean based on instructor availability. Independent study and research, by arrangement with the instructor, in specified fields of study in Spanish or creative writing in Spanish. Students may take this course up to the maximum number of units over multiple semesters. *Three to nine hours by arrangement with instructor and School Dean.*

Foreign Languages

SPAN 061M **3.0 Units**
Beginning Spanish, Part 1 for Medical Workers

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. NOTE: Students who complete this course with a C or better will not be able to receive credit for SPAN 031, SPAN 001, or SPAN 001S. *Three hours lecture.*

SPAN 062M **3.0 Units**
Beginning Spanish, Part 2 for Medical Workers

Prerequisite: A minimum grade of C in either SPAN 061M, or SPAN 031. 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. NOTE: Students who complete this course with a C or better will not be able to get credit for SPAN 032, SPAN 001, or SPAN 001S. *Three hours lecture.*

SPAN 063M **3.0 Units**
Beginning Spanish, Part 3 for Medical Workers

Prerequisite: A minimum grade of C in SPAN 062M, or SPAN 032, or SPAN 001, or SPAN 001S. Course Advisory: SCC minimum English standard. 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. NOTE: Not open to students who have completed SPAN 002, or SPAN 002S, or SPAN 033.

Three hours lecture.

SPAN 064M **3.0 Units**
Beginning Spanish, Part 4 for Medical Workers

Prerequisite: A minimum grade of C in either SPAN 063M or SPAN 033. Course Advisory: SCC minimum English standard. 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. NOTE: Not open to students who have completed SPAN 002, or SPAN 002S, or SPAN 034. *Three hours lecture.*

FLNG 048 **3.0 Units**
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.

FLNG 101 **2.0 Units**
Cross Age Teaching

Corequisite: Concurrent enrollment in 1 unit of OCED 090. Prerequisite: Students must have completed French 002, German 002, or Spanish 002 with a minimum grade of C. Weekly seminars will explore how children learn and develop understanding in French, German and Spanish. Working with a peer partner or partners, students will prepare lesson plans and develop curriculum. Through a corequisite OCED 090, students will work in elementary school classes in Solano County to provide language instruction based on the lesson plans developed. *Two hours lecture.*

Geography

Associates in Arts in Geography for Transfer (ADT: A.A.-T)

Program Description

Solano Community College offers an Associate in Arts in Geography for Transfer degree to introduce students to principles, theory, and applied methods of spatial analysis in studying both the natural and human environment. The Associate in Arts in Geography for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Geography or similar major. The degree provides students with a foundation in the knowledge and skills of the Geography profession and prepares them for upper division university course work. Recipients of the Associate in Arts for Transfer degree are guaranteed admission with junior standing at a campus of the California State University system. The program in Geography is designed to develop the student's awareness of human environment relationships and changes in the physical and cultural landscape induced by human activities.

Associates in Arts in Geography for Transfer

The Associate in Arts in Geography for Transfer degree is especially designed for students who plan to complete a bachelor's degree in Geography at a CSU campus. Students completing an Associate in Arts in Geography for Transfer degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the Associate in Arts in Geography for Transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

The Associate in Arts in Geography for Transfer degree, which aligns with the Geography TMC, will prepare students for a baccalaureate degree in Geography at a CSU institution. Geography provides insights about the earth as the human habitat. It is a way of looking at the earth, not an inventory of its contents. This viewpoint rests on fundamental interlocking concepts. The cultural appraisal of the earth, the regional concept, areal coherence, human ecology, spatial interaction, study of landscape, and the concept of change are all ways the geographer tries to better understand the environment.

To earn the Associate in Arts in Geography for Transfer degree, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtain a minimum grade point average of 2.0.

Program Outcomes

Students who complete the Associate in Arts in Geography for Transfer degree will be able to:

1. Use maps and other appropriate geographic tools to interpret and analyze spatial data.
2. Explain the impact of humans on the natural environment.
3. Identify major worldwide spatial political, cultural, economic, and environmental patterns.

REQUIRED COURSES	Units
GEOG 001 Physical Geography	3
GEOG 002L Physical Geography Laboratory	1
GEOG 002 Cultural Geography	3
Select 2 courses (6 units) from List A	6
Select 2 courses (6 units) from List B	6

Required Major Total Unit	19
CSU General Education or IGETC Pattern Units ..	37 - 39
CSU Transferable Electives	
(as needed to reach 60 transferable units)*	15 - 17
Total Degree Units	60

List A (Select 6-9 units)	Units
GEOG 004 World Geography	3
GEOG 006 California Geography	3
GEOG 010 Introduction to Geographic Information Systems	3

List B (Select 6 units)	Units
ANTH 002 Cultural Anthropology.....	3
GEOG 001 Physical Geology	3

* 13 units may be double counted toward both the major area of emphasis and CSU General Education or IGETC Pattern.
Consult with a counselor for more information.

Geography

GEOG 001

Physical Geography

Course Advisory: Eligibility for English 001 and SCC minimum Math standard. This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS). Field trips may be required. C-ID GEOG 110. *Three hours lecture.*

3.0 Units

GEOG 001L

Physical Geography Laboratory

Prerequisite: GEOG 001 with a minimum grade of C (may be taken concurrently). *Course Advisory: Eligibility for ENGL 001 and SCC minimum Math standards.* This course is designed to provide supplemental exercises in topics covered in Physical Geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis. One or more field trips are required and may occur outside of class time. *Three hours lab.*

1.0 Unit

GEOG 002

Cultural Geography

Course Advisory: Eligibility for English 001. This course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development. A field trip may be required. However, if the student cannot attend the field trip, there will be an optional research paper assignment. C-ID GEOG 120. *Three hours lecture.*

3.0 Units

GEOG 004

World Geography

Course Advisory: Eligibility for English 001. Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions. A field trip may be required with the course. However, if a student cannot attend the trip, there will be an optional research paper assignment. C-ID GEOG 125. *Three hours lecture.*

3.0 Units

GEOG 006

California Geography

Course Advisory: Eligibility for English 001. A thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical, and human landscapes that have evolved as a result of the human-environment interface. A field trip is required. *Three lecture hours.*

3.0 Units

GEOG 010

Introduction to Geographic Information Systems

Course Advisory: Eligibility for English 001 and SCC minimum Math standard. Basic computer literacy is desirable. Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Identification and acquisition of GIS data. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS. Same as GEOL 010. Not open to students who have completed GEOL 010. Field trips may be required. C-ID GEOG 155. *Three hours lecture.*

3.0 Units

History

Associate in Arts in History for Transfer (ADT: A.A.-T)

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, African-American, Mexican and Mexican-American, California and Women's History.

Associate in Arts in History for Transfer

The Associate in Arts in History for Transfer is especially designed for students who plan to complete a bachelor's degree in History at a CSU campus. Students completing the Associate in Arts for Transfer degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the Associate in Arts Degree for Transfer will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

To earn the Associate in Arts in History for Transfer degree, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
2. Obtain a minimum grade point average of 2.0.

Program Outcomes

Students who complete an Associate in Arts in History for Transfer degree will be able to:

1. Recognize and define a variety of major economic, social, cultural and political events and trends in history.
2. Analyze the significant causal factors that contributed to the shaping of a variety of historical movements, events and trends.
3. Interrogate and analyze primary historical evidence, including textual documents, artifacts and visual images.

REQUIRED COURSES Units

HIST 002 World History to 1500. 3

OR

HIST 004 History of Western Civilization to 1500. 3

HIST 003 Modern World History. 3

OR

HIST 005 History of Western Civilization Since 1500. 3

HIST 017 History of the United States to 1865. 3

AND

HIST 018 History of the United States from 1865. 3

Select six units from the electives below. 6

Total Units 18

Select 6 units from the following categories Units

I. United States

HIST 010 California History. 3

HIST 028 African American History to 1877. 3

HIST 031 Mexican American/Chicano History. 3

HIST 037 Women in American History. 3

II. World History Units

HIST 002 World History to 1500. 3

HIST 003 Modern World History. 3

HIST 004 History of Western Civilization to 1500. 3

HIST 005 History of Western Civilization Since 1500. 3

III. Ethnicity and Gender Studies Units

HIST 028 African American History to 1877. 3

HIST 029 African American History Since 1865. 3

HIST 031 Mexican American/Chicano History. 3

HIST 037 Women in American History. 3

Required Major Total Units. 18

CSU General Education or IGETC Pattern Units . 37 - 39

CSU Transferable Electives

(as needed to reach 60 transferable units)* 11 - 18

Total Degree Units 60

* 6 - 15 units may be double counted toward both the major area of emphasis and CSU General Education or IGETC Pattern. Consult with a counselor for more information on completing this degree.

History

HIST 002 **3.0 Units**
World History to 1500

Course Advisory: Eligibility for English 001; SCC minimum Math standard. An integrated study of world civilizations from their beginnings to 1500. 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 that linked these cultures into an integrated world system during the early modern period. *Three hours lecture.*

HIST 003 **3.0 Units**
World History Since 1500

Course Advisory: Eligibility for English 001; SCC minimum Math standard. An integrated 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. C-ID 160. *Three hours lecture.*

HIST 004 **3.0 Units**
History of Western Civilization to 1500

Course Advisory: Eligibility for English 001. Survey of the history of the development of western culture and civilization to the Reformation. Emphasis will be on analyzing the major social, political, economic and cultural forces which have shaped European societies. C-ID HIST 170. *Three hours lecture.*

HIST 005 **3.0 Units**
History of Western Civilization Since 1500

Course Advisory: Eligibility for English 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. C-ID HIST 180. *Three hours lecture.*

HIST 010 **3.0 Units**
California History

Course Advisory: Eligibility for English 001. 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 **3.0 Units**
History of the United States to 1877

Course Advisory: Eligibility for English 001. This course is a survey of the history of the United States from its Native American, African and European origins through the period of the Civil War and Reconstruction. Emphasis is placed on the analyzing the major economic, social, political, and cultural events, movements and trends that shaped historical developments, examining cause and effect relationships and interpreting primary and secondary sources. C-ID HIST 130. *Three hours lecture.*

HIST 018 **3.0 Units**
History of the United States from 1865

Course Advisory: Eligibility for English 001. This course is a survey of the history of the United States from Reconstruction to the present. It examines the major economic, social, political, and cultural events that shaped the United States and their impact on American life. This course also examines the United States' increasing involvement in world affairs. Special emphasis is placed on analyzing the cause and effect relationships in U.S. history and on the historical interpretation of events and trends in U.S. history. C-ID HIST 140. *Three hours lecture.*

HIST 028 **3.0 Units**
African American History to 1877

Course Advisory: Eligibility for English 001. This is a survey course of the African-American experience in the United States from African origins to 1877. An emphasis is placed on the role of Africans in the settlement of North America, a comparison of colonial slave systems, and African-American strategies of resistance and self-help. The course will examine the contributions of African Americans to the social, political, and economic development of the United States. *Three hours lecture.*

History

HIST 029**3.0 Units****African American History Since 1865**

Course Advisory: Eligibility for English 001. This course is a survey of the political, social, and economic history of African Americans from Reconstruction (1865) to the present. An emphasis is placed on the transition of African Americans from slavery to freedom, segregation, migration and urbanization, black ideology and leadership, and African American protest movements of the twentieth century. The course will closely examine the role of African-Americans in shaping the American nation. *Three hours lecture.*

HIST 031**3.0 Units****Mexican American/Chicano History**

Course Advisory: Eligibility for English 001; SCC minimum Math standard. A survey of Mexican American/Chicano history from the pre-Columbian civilizations 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 in the United States. Special attention is given to the contributions of Mexican Americans and Mexican immigrants to the multi-cultural development of the United States. *Three hours lecture.*

HIST 037**3.0 Units****Women in American History**

Course Advisory: Successful completion of English 001 with a minimum grade of C. 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.*

Horticulture

Horticulture and Plant Science

Program Description

This program is designed to provide theory and practical experience needed to enter the horticulture field or prepare for advancement or certification. It also offers some of the basic courses required of horticulture majors transferring to four-year institutions. This program offers a certificate and degree in Horticulture and Plant Science..

Certificate of Achievement and Associate in Science Degree

A Certificate of Achievement can be obtained by completing all courses in the major with a grade of C or better or a P if the course is taken on a Pass/No Pass basis. The Associate in Science Degree can be obtained by completing a total of 60 units, including the required courses in the major, the general education requirements, and electives. All courses for this major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Horticulture Science Certificate of Achievement/ Associate Degree will be able to:

1. Design a landscape.
2. Lay out a landscape.
3. Estimate the cost of a landscape.

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of Landscape Plant Materials.	4
HORT 030 Landscape Design I.	3
HORT 050 Introduction to Horticulture	3
HORT 055 Soils and Fertilizers.	3
HORT 056 Landscape Pest Control and Management ...	4
HORT 070 Landscape Construction and Estimation	3
HORT 071 Irrigation Principles	3
Total Units	23

This is a Gainful Employment Program. For additional information, please visit http://www.solano.edu/gainful_employment/ and select "Horticulture Science."

Landscape Worker Job-Direct Certificate

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

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of Landscape Plant Materials.	4
HORT 050 Introduction to Horticulture	3
HORT 071 Irrigation Principles	3
Total Units	10

***Students will be required to complete 80 hours of cooperative supervised work experience to receive credit.**

Horticulture

HORT 006
**Identification and Ecology of
Landscape Plant Materials**

4.0 Units

Course Advisory: HORT 050 recommended and SCC minimum English and Math standards. Study of the identification, growth habits, cultural requirements, and evaluation of landscape plant materials used for ornamental purposes in Western landscapes. Laboratory experience will emphasize the identification and use of the plant materials in various landscape settings. A collection will be required. *Three hours lecture, three hours lab.*

HORT 030
Landscape Design I

3.0 Units

Prerequisite: HORT 006 with a minimum grade of C.
Course Advisory: HORT 050; SCC minimum English and Math standards. Introduction to the skills and techniques of landscape design principles and practices. Laboratories will stress drafting techniques through design projects. Field trips required. *Two hours lecture, three hours lab.*

HORT 031
Landscape Design II

3.0 Units

Prerequisite: HORT 030 with a minimum grade of C.
Course Advisory: HORT 050; SCC minimum English and Math standards. Presents the association of plant materials according to design principles and their environmental requirements with attention to groupings, arrangements and planting about buildings and other landscape structures. Landscape drafting will be stressed in the laboratory projects culminating in a term design project. Mandatory field trips. *Two hours lecture, three hours lab.*

HORT 050
Introduction to Horticulture

3.0 Units

Course Advisory: SCC minimum English and Math standards. Introduction and preview of the nursery, florist, and landscaping industries including elemental landscape design, flower arranging, plant identification, plant propagation, landscape tools, turf care, pest control, soil testing and basic botany. Laboratory experience will develop beginning techniques in propagation, soil testing, and turf and shrub maintenance. Mandatory field trips will be taken to various phases of the industry. *Two hours lecture, three hours lab.*

HORT 055
Soil and Fertilizers

3.0 Units

Course Advisory: SCC minimum English and Math standards. Study of the relationships of soils and fertilizers to proper plant growth and emphasizes analysis of soils and fertilizers. Field laboratories will develop management techniques in testing and application through exercises and field trip observations. *Two hours lecture, three hours lab.*

HORT 056
Landscape Pest Control and Management

4.0 Units

Course Advisory: SCC minimum English and Math standards. Study of horticultural pests, insects, weeds, diseases and other non-pathogenic causes common to the Solano County area emphasizing identification, cultural, rotational, natural and chemical control methods. Mandatory field trips and laboratory experiences will provide experiences in detection, identification and techniques necessary to manage and control various species of plant pests. A collection is required. *Three hours lecture, three hours lab.*

HORT 070
Landscape Construction and Estimation

3.0 Units

Course Advisory: SCC minimum English and Math standards; HORT 050. Study of the construction of patios, decks, walks, retaining walls, raised planters, mowstrips, fences, overhead structures, masonry work, sprinkler layout and other landscape features with emphasis on building code specifications. Previews contractor's licensing. Site development and construction skills will be developed during the laboratory. *Two hours lecture, three hours lab.*

HORT 071
Irrigation Principles

3.0 Units

Course Advisory: SCC minimum English and Math standards; HORT 055. Study of the principles and management of water development and use in agricultural and horticultural production with special emphasis on water supplies, measurement, movement through soils, application methods, amounts needed and problems of distribution. The field laboratories will develop management techniques through exercises and field trip observations. *Two hours lecture, three hours lab.*

Horticulture

HORT 301A **2.0 Units**
Adaptive Horticulture - Basic Skills and Practices

Course Advisory: This course is for students with learning difficulties. A horticulture and vocational training class adapted for students with special learning needs. Students will learn basic horticulture skills in a garden, nursery, and landscape setting. Safety training will be incorporated throughout the course. Students will receive a letter grade for this course. There will be 1 or more field trips for this course. *Two hours lecture, four hours lab, four hours activity (8-week course).*

HORT 301B **2.0 Units**
Adaptive Greenhouse Management

Course Advisory: This course is primarily for students with special learning needs. This is a greenhouse skills vocational training course adapted for but not limited to students with intellectual and/or physical disabilities. Students will learn greenhouse management skills for employment preparation. *Two hours lecture, four hours lab, four hours activity (8-week course).*

HORT 301C **2.0 Units**
Adaptive Nursery Management

Course Advisory: This course is primarily for students with disabilities. This is a nursery and landscape skills vocational training course adapted for but not limited to students with intellectual and/or physical disabilities. Students will learn nursery and landscape management skills for employment preparation. Students will be given a letter grade for this course. *Two hours lecture, four hours lab, four hours activity (8-week course).*

HORT 301D **2.0 Units**
Adaptive Vegetable and Orchard Management

Course Advisory: This course is primarily for students with disabilities. This is a vegetable and orchard skills vocational training course adapted for but not limited to students with intellectual and/or physical disabilities. Students will learn vegetable and orchard management skills for employment preparation. Students will receive a letter grade for this course. There are one or more field trips required for this course. *Two hours lecture, four hours lab, four hours activity (8-week course).*

HORT 301E **2.0 Units**
Adaptive Plant Propagation

Course Advisory: This course is primarily for students with disabilities. This is a plant propagation skills vocational training course adapted but not limited to students with intellectual and/or physical disabilities. Students will learn propagation management skills for employment preparation. Students will receive a letter grade for this course. There will be one or more field trips required for this course. *Two hours lecture, four hours lab, four hours activity (8-week course).*

Human Services

For Human Development, see Child Development and Family Studies.

Human Services

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 of Arts Degree

A Certificate of Achievement can be obtained upon completion of the 23-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. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Human Services Certificate of Achievement/Associate Degree will be able to:

1. Development of basic knowledge within the field of Human Services.
2. Development of cultural competency, group facilitation, and case management skills.
3. Application of Human Services knowledge and skills.

REQUIRED COURSES Units

We recommend taking the Human Services program courses in this sequence

HS 051 Introduction to Human Services.....	3
COUN 062 Helping Skills:	
Creating Alliances & Facilitating Change	3
HS 053 Serving Special Populations	3
HS 054 Introduction to Group Processes	3
HS 055 Introduction to Case Management.....	3
COUN 064A Practicum I.....	4
COUN 064B Practicum II	4
Total Units	23

Recommended Electives

CDFS 038 Child Development
CDFS 039 School Years and Adolescent Development
CDFS 052 Children with Special Needs
CDFS 062 Introduction to Early Childhood Education
CDFS 070 Lifespan Human Development
CDFS 075 Children with Special Needs
COUN 055 Valuing Diversity
CJ 001 Introduction to Criminal Justice
CJ 011 Community Relations
CJ 058 Fundamentals of Crime and Delinquency
PSYC 001 Introduction to Psychology
PSYC 002 Biological Psychology
PSYC 005 Abnormal Psychology
PSYC 006 Developmental Psychology
PSYC 007 Cross-Cultural Psychology
PSYC 010 Psychology of Woman
PSYC 020 Personal and Social Behavior
PSYC 030 Introduction to Social Psychology
PSYC 034 Human Sexual Behavior
PSYC 040 Drugs, Society & Behavior
OCED 090 Occupational Work Experience
SOCS 022 Ethnic, Racial and Minority Group Relations in Harmony and Conflict
SOCS 023 The African-American Family
SOCS 025 Mexican-American Experience
SOCS 027 Native American Experience
SOC 001 Introduction to Sociology
SOC 002 Social Issues and Problems
SOC 040 Sociology of the Family

This is a Gainful Employment Program. For additional information, please visit http://www.solano.edu/gainful_employment/ and select "Human Services."

Human Services

HS 051 **3.0 Units**
Introduction to Human Services

Course Advisory: Eligibility for English 001 and SCC minimum Math standard. Provided is an overview of the history and purpose of human services. Students will familiarize themselves with skills needed to provide optimum services to diverse consumer populations in areas such as social welfare, mental health, substance use, rehabilitation, and child, adult and elder care. Political and economic aspects inclusive of roles and functions of local human services agencies systems will be examined. *Three hours lecture.*

HS 053 **3.0 Units**
Serving Special Populations

Course Advisory: Eligibility for English 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 054 **3.0 Units**
Introduction to Group Processes

Prerequisite: HS 051 with a minimum grade of C; Course Advisory: COUN 062 with a minimum grade of C; Eligibility for English 001 and 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. Formerly HS 052. *Three hours lecture.*

HS 055 **3.0 Units**
Introduction To Case Management

Prerequisite: COUN 062. Course Advisory: Eligibility for English 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.*

Industrial Education

Mechatronics

Program Description

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 electro-mechanical 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 completion of the 42-unit major listed below. The Associate in Science Degree can be obtained by completing a total of 60 units, including the 42 unit major, the general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Mechatronics Certificate of Achievement/ Associate Degree will be able to:

1. Safely operate a variety of testing instruments and diagnostic tools.
2. Recognize complex systems and understand their function, operation, advantages and disadvantages.
3. Analyze complex systems and diagnose/troubleshoot problems.

REQUIRED COURSES	Units
CIS 001 Introduction to Computer Science	3
IT 050 Alternative Energy Technologies	3
IT 101 How Things Work	3
IT 151 Vocational Mathematics	3
MT 120 Principles of Analog Electronics	3
MT 122 Principles of Digital Electronics	3
MT 130 Principles of Mechanical Power Systems	3
MT 132 Principles of Fluid Power Systems	3
MT 140 Principles of Industrial Electrical Systems	3
MT 142 Principles of Electrical Machinery	3
MT 162 Robotic Manufacturing Systems	3
MT 164 Programmable Logic Controllers	3
Electives Selected from List A	6
Total Units	42

List A (select 6 units)

ACR 100 Air Conditioning and Refrigeration	3
OR	
ACR 101 Air Conditioning and Refrigeration	3
DRFT 045 Introduction to Computer-Aided Drafting (CAD)	3
DRFT 050 Basic Drafting	3
DRFT 079 Blueprint Reading	3
IT 110 Modern Welding	3
IT 120 Electrical Safety	3
IT 140 Industrial Materials	3
OCED 070 Occupational Soft Skills	3
OCED 090 Occupational Work Experience	1 - 6

This is a Gainful Employment Program. For additional information, please visit
http://www.solano.edu/gainful_employment/ and select "Mechatronics."

Industrial Education

Air Conditioning & Refrigeration

ACR 100 **3.0 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 **3.0 Units**

Air Conditioning and Refrigeration

Course Advisory: 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

IT 050 **3.0 Units**
Alternative Energy Technologies

Course Advisory: SCC minimum English and Math standards. Introduces the topics of power generation, transmission, and consumption of both conventional and alternative energy sources. Students will be exposed to an in-depth analysis of the design and use of fossil fuel based systems and then compare those systems to alternatives. Energy use in transportation, industrial, commercial, and residential applications will be examined. *Three hours lecture.*

IT 101 **3.0 Units**
How Things Work

Course Advisory: 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 **3.0 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 **3.0 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 120 **1.0 to 3.0 Units**
Electrical Safety

Course Advisory: SCC minimum English and Math standards. A survey of the proper use, handling, and hazards associated with electrical and electronic equipment. The student will be introduced to the current generally accepted (National Electrical Safety Code) safety practices and procedures associated with power transmission, industrial, and consumer electrical and electronic equipment. This is an Open Entry/Open Exit course. Formerly ECTN 102. Students may take this course up to the maximum number of units over multiple semesters. *One to three hours lecture.*

IT 130 **1.0 Unit**
Fundamentals of Wire Cabling

Course Advisory: SCC minimum English and Math standards. Presents the principles and practices of copper cable wiring technology. Includes instruction in the design, installation, and maintenance of copper wiring systems for intelligent control systems, lighting and appliance control devices, communication, and networking. Also includes instruction in household and institutional power wiring. Formerly ECTN 111. *One hour lecture, one hour lab.*

Industrial Education

IT 132 **1.0 Unit**
Fundamentals of Fiber Optics

Course Advisory: SCC minimum English and Math standards. Presents the principles and practices of fiber optics and optoelectronic technology. Includes instruction in the design, installation, and maintenance of fiber optic cabling and control systems and optoelectronic control systems for computer communication and networking systems. Formerly ECTN 112. *One hour lecture, one hour lab.*

IT 134 **1.0 Unit**
Fundamentals of Wireless Communication

Course Advisory: SCC minimum English and Math standards. Presents the principles and practices of wireless communication technology. Includes instruction in the design, installation, and maintenance of wireless communication and network systems. Emphasis is placed on system reliability, security, and cost containment concerns. Formerly ECTN 113. *One hour lecture, one hour lab.*

IT 140 **3.0 Units**
Industrial Material

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 151 **3.0 Units**
Vocational Mathematics

Course Advisory: 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.*

Maintenance Technician

MT 120 **3.0 Units**
Principles of Analog Electronics

Course Advisory: 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 **3.0 Units**
Principles of Digital Electronics

Course Advisory: 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 **3.0 Units**
Principles of Mechanical Power Systems

Course Advisory: 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 **3.0 Units**
Principles of Fluid Power Systems

Course Advisory: 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.*

Industrial Education

MT 140 3.0 Units

Principles of Industrial Electrical Systems

Course Advisory: 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 142 3.0 Units

Principles of Electrical Machinery

Prerequisite: A minimum grade of C in MT 120, or MT 140. Course Advisory: SCC minimum English and Math standards. Introduces the topic of electrical machinery as it applies to mechatronics. Studies include direct-current and alternating-current generators, alternators, transmission equipment, and motors. Students will complete labs and electrical machinery projects. Lab, electrical and worksite safety is emphasized. *Two hours lecture, three hours activity.*

MT 162 3.0 Units

Robotic Manufacturing Systems

Course Advisory: 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.*

MT 164 3.0 Units

Programmable Logic Controllers

Course Advisory: SCC minimum English and Math standards. Introduces the student to process control via Programmable Logic Controllers (PLC's). Content includes the popular Allen-Bradley PLC systems and the most common command instructions for the RSLogix 5, RSLogix 500, RSLogix 5000, Micrologix 1000, SLC5 and SLC 500 as well as ControlLogix processors. Troubleshooting and electrical safety are emphasized. *Two hours lecture, three hours lab.*

Interdisciplinary Studies

(For Learning Resources – See English)

Interdisciplinary Studies

Program Description

This major is designed for students who are not certain of their specific academic major goals and do not have immediate transfer plans. It would enable them to earn the Associate Degree by completing general education and an 18-unit area of academic focus.

- I. All students will complete the Solano College Option A GE Pattern: Minimum 22 semester units.
- II. All students will complete an 18-unit Area of Emphasis from the selections below.
- III. Electives may be necessary to total 60 overall units required for the Associate degree.
- IV. All courses for this major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete an Associate Degree will be able to:

1. Discern the relationship between personal perspective and evidence-based evaluation of information.
2. Discover the nature and common themes of the disciplines represented by an academic area of emphasis.
3. Acquire a knowledge base that encourages lifelong learning in order for them to effectively adapt to a complex and changing society.

Areas of Emphasis

1. 18 units required from one Area of Emphasis listed below.
2. Courses selected cannot also be used to fulfill GE areas.
3. Courses numbered 1-49 transfer to UC, CSU and most independent and out-of-state colleges. Courses numbered 50-99 transfer to CSU and some independent and out-of-state colleges and universities. Courses numbered 100-199 are associate degree applicable but usually do not transfer to baccalaureate-granting institutions.

Arts and Humanities

Minimum 18 units required

Minimum six units from the Arts and six units from Humanities

Maximum three units of credit for studio/performance courses

Courses in this area are designed to cultivate intellect, imagination, sensibility and sensitivity. Students will study great works of the human imagination and will examine their own esthetic and creative experience. Awareness and appreciation of humanistic disciplines will be explored and encouraged. Students will be exposed to the study of human culture from a variety of perspectives.

ARTS

ART 001, 002, 003, 010, 011, 012

ART Studio: 004, 006, 007, 008, 014, 016, 017, 019, 020, 021, 023, 026, 029, 031, 032, 034, 035, 037, 038, 039, 040, 041, 042, 043

CINA 010, 011

CINA Performance: 015

MUSC 001, 002, 005, 007, 008, 013

MUSC Studio: 009, 010, 011, 014, 015, 016, 017, 018, 019, 020, 023, 024, 025, 026, 027, 028, 031, 032, 033, 034, 035A, 035B, 038, 039, 041A, 041B, 042A, 042B

PHOT Performance: 030

PHOT 035

THEA Performance: 001, 002

THEA 006, 010, 011, 013, 048A

TV 050

TV Performance: TV 055, 060

Interdisciplinary Studies

HUMANITIES

ENGL 002, 006, 007, 012, 013, 014, 016, 018, 021, 023, 024, 025, 030, 031, 032, 033, 035, 036, 037, 038, 040, 041, 044, 046, 047
FREN 001, 002, 003, 004, 011, 012, 031, 032
GRMN 001, 002, 003, 004, 011, 012, 031, 032, 033, 034
ITAL 031, 032
HIST 002, 003, 004, 005, 010, 017, 018, 028, 029, 031, 037
LATN 001, 002, 003
PHIL 003, 004
SPAN 001, 002, 003, 004, 011, 012, 025, 031, 032, 033, 034

Communication

Minimum 18 units required

Minimum three units from each of three different disciplines

These courses emphasize the content, understanding and production of verbal and written communication. Students will learn to evaluate and assess communication as a process of human symbolic interaction while developing skills in such areas as reasoning, organization, accuracy, reading and effective listening.

BUS 092
COMM 001, 002, 006, 008, 010, 012, 015, 060
COUN 062
ENGL 002, 004, 006, 007, 058, 062
FREN 001, 002, 003, 004, 031, 032
GRMN 001, 002, 003, 004, 031, 032, 033, 034
HS 054
ITAL 031, 032
JOUR 001, 002, 011, 060
LATN 001, 002, 003
PHIL 005
SPAN 001, 002, 003, 004, 025, 031, 032, 033, 034
SOCS 030, 051
TV 050, 060, 061

Science and Quantitative Reasoning

Minimum 18 units required

Minimum six units from Science and six units from Quantitative Reasoning

Chemistry courses may not be used in both areas must choose one area.

This emphasis is intended to involve inquiry into the physical universe and its life form with consideration of facts and principles which form the foundations of living and non-living systems. Students will explore scientific methodologies as investigative tools, the acquisition and use of evidence, and the past and present influences of science on world civilizations. Understanding and analysis of basic mathematical and quantitative reasoning concepts will be explored. This area includes courses in areas such as computer science, math, and science.

SCIENCE

ANTH 001
ASTR 010, 020, 030, 040
BIO 001, 002, 004, 005, 012, 012L, 014, 015, 016, 018, 019
CHEM 001, 002, 003, 004, 010, 011, 051, 160
ENGR 017, 030, 045
GEOG 001, 001L
GEOL 001, 002, 005
HORT 050
KINE 020V, 020W
NUTR 010
PHYS 002, 004, 006, 007, 008, 010
PHSC 012
PSYC 002

Interdisciplinary Studies

QUANTITATIVE REASONING

CIS 001, 015, 020, 022, 023, 035, 050, 055, 057, 060, 073, 078

CHEM 001, 002, 010, 160

GEOG 010 (GEOL 010)

MATH 002, 004, 011, 012, 020, 021, 022, 023, 030, 031, 040, 051, 102, 103, 104, 112, 114

PSYC 004

Social Science

Minimum 18 units required

Minimum three units from each of three different disciplines

This emphasis examines people and their interactions with each other, within their social and political institutions and as members of the larger society. Course work will explore behavior - sometimes the behavior of an individual, other times the behavior of a system, society, or culture. Topics and discussion will stimulate critical thinking about ways people have thought and acted in response to their upbringing, environment and society.

ANTH 002, 007

CDFS 038, 039, 040, 050, 052, 053, 070

COMM 012

COUN 055, 058, 062, 083

CJ 001, 002, 011

ECON 001, 002, 010

GEOG 002, 004

HIST 002, 003, 004, 005, 010, 017, 018, 028, 029, 030, 031, 037

HS 051, 054, 053

IR 001

JOUR 011

PLSC 001, 002, 003, 005, 016, 019

PSYC 001, 002, 004, 005, 010, 020, 024, 030, 034, 065

SOCS 022, 023, 025, 027, 030, 051, 053

SOC 001, 002, 023, 030, 040

Interdisciplinary Studies

Wellness and Self Development

Minimum 18 units required

Minimum six units from Wellness and six units from Self Development

Maximum three units of credit for Physical Education activity and Athletics courses

This emphasis is designed to equip students with information and tools for lifelong wellness and self development as integrated beings. Students will be well acquainted with the vast landscape of wellness and self development, taking into account the psychological, biological, developmental, physical factors, and they will be able to make effective decisions about optimizing their own wellness, lifestyle, and performance.

WELLNESS

ATHL 001, 002A, 002B, 003, 004, 010, 015, 016A, 016B, 017, 020

BIO 004, 005, 016

HED 002, 003

NUTR 010, 012

KINE 020A, 020H, 020S, 020V, 020W

KINE Activity: 001A, 001D, 002A, 002B, 002D, 002E, 003A, 003C, 003D, 003E, 004A, 004B, 004C, 004D, 004E, 004F, 004H, 004J, 004K, 004M, 004N, 004P, 005C, 005G, 005J, 005K, 005M, 005N, 005P, 006A, 006B, 006C, 006E, 006F, 007A, 007C, 007E, 008A, 008B, 008C, 008E, 008G, 009A, 009B, 009C, 009E, 009F, 009G, 009H, 009P, 078

SELF DEVELOPMENT

COUN 007, 050, 055, 058, 060, 062, 063, 083, 098

HS 051, 053, 054

CDFS 038, 039, 040, 053, 070

LR 001, 010, 011

PSYC 001, 005, 010, 020, 024, 030, 034, 040, 065

SOCS 051

International Relations

International Relations

Program Description

The International Relations program provides an interdisciplinary, integrated approach to an understanding of modern global society and events, preparing the student for a variety of perspectives in a rapidly changing world. Students pursue global interests in language, history, culture, business, government, fine arts, literature, science, and other studies. Students in International Relations will prepare for transfer to universities offering International Relations majors or related fields. Course work will also broaden their perspective and skills to enter the business world. This is an interdisciplinary program so the descriptions for the individual courses can 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 28-unit major, general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

This information is not available at the time of printing. Please check online for current information as it is available.

REQUIRED COURSES	Units
ECON 001 Principles of Economics (Macroeconomics) ..	3
ECON 002 Principles of Economics (Microeconomics) ..	3
FOREIGN LANGUAGE (Choose 10 units from FREN, GRMN, or SPAN numbered 001-034) *	10
GEOG 004 World Geography	3
HIST 005 History of Western Civilization Since 1500	3
IR 001 Global Interdependence	3
Select three units from the electives below	3
Total Units	28

Select three (3) units from the following:

ANTH 002 Cultural Anthropology	3
ART 001 Art History	3
ART 003 World Art	3
BIO 012 Environmental Science	3
BUS 060 Introduction to International Business	3
COMM 010 Interpersonal Communications	3
ENGL 016 Masterpieces of Western World Literature ...	3
FOREIGN LANGUAGE—Any course numbered 001-034 not used above	3 - 5
GEOG 002 Cultural Geography	3
HIST 003 Modern World History	3
PLSC 002 Introduction to Comparative Government. ...	3

*A passing score on any foreign language standardized proficiency examination can be substituted for the foreign language requirement.

IR 001 3.0 Units

Global Interdependence

Course Advisory: Eligibility for English 001; PLSC 001; ENGL 062. This is the gateway course for the International Relations Major. Designed to give students a foundation for the study of international relations, it provides a backdrop to understanding global interdependence, its causes and consequences. Included are political, economic, historical, philosophical, cultural, geographical, and environmental dimensions of interdependence. This course adopts a multidisciplinary perspective and may feature guest speakers or presentations from a variety of disciplines. *Three hours lecture.*

Journalism

Journalism

Program Description

Journalism teaches critical thinking and communication skills that enable students to translate events and issues of importance accurately and responsibly. Students 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. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Journalism Associate Degree will be able to:

1. Demonstrate the fundamental research and critical thinking skills necessary to analyze and interpret current issues in a professional media environment.
2. Utilize written, oral and visual communication skills to analyze, interpret and produce accurate news and opinions across a variety of platforms.
3. Recognize fundamental legal and ethical aspects of journalism and apply them to real-life circumstances.
4. Demonstrate a working knowledge of the fundamental technological applications of media production.

REQUIRED COURSES Units

JOUR 001	Newswriting and Reporting	3
JOUR 002	Introduction to Feature and Magazine Writing	3
JOUR 011	Introduction to Mass Communication	3
JOUR 060	Publications Laboratory	3
	Program electives from Area I, Area II, and Area III	12
	Total Units	24

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

COMM 006	Argumentation and Debate	3
ENGL 002	Critical Thinking and Writing About Literature	4
ENGL 004	Critical Thinking and Composition: Language in Context	3
MATH 011	Elementary Statistics	4
PHIL 005	Critical Thinking: The Philosophic Grounds of Literacy	3

Area II

ART 006	Design Principles in 2-Dimensions	3.5
ART 007	Design-Color	3.5
ART 052	Lettering and Layout	2 - 3.5
ART 056	Graphic Design I	3.5
ART 057	Graphic Design II	3.5
COMM 001	Introduction to Public Speaking	3
ENGL 006	Creative Writing 1	3
ENGL 058	Creative Writing: The Literary Magazine	3
JOUR 050	Grammar and Style for Media Writers	1
PHOT 030	Beginning Photography	3
PHOT 056	Photojournalism & Documentary Photography	3

PHOT 070	Beginning Digital Photography	3
THEA 050	Performance for the Camera	3
TV 055	Beginning Television Production	3
TV 056	Advanced Television Production	3
TV 060	Television and Film Writing	3

Area III

OCED 090	Occupational Work Experience	1 - 8
	Any modern foreign language	

Recommended Electives

	Any course from a second emphasis area	
	Any foreign language	
JOUR 060	Publications Laboratory	2 - 3
MATH 011	* Elementary Statistics	4
OCED 090	Occupational Work Experience	1 - 8
OCED 091	General Work Experience	1 - 6

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

Journalism

Associate in Arts in Journalism for Transfer (ADT: A.A.-T)

Program Description

Journalism teaches critical thinking and communication skills that enable students to translate events and issues of importance accurately and responsibly. The Associate in Arts for Transfer (AA-T) in Journalism is intended for students who plan to complete a bachelor's degree in Journalism, Mass Communication, Public Relations or Advertising at a CSU campus. Students completing this degree (AA-T in Journalism) are guaranteed admission to the CSU system, but not to a particular campus or major.

Associate in Arts in Journalism for Transfer

Students will gain first-hand experience of journalism through practicum on the student newspaper, The Tempest, and its online version Solanotempest.net, and in some cases through placement in internships in the industry. Students learn the ethics and laws associated with journalism, as well as develop an understanding their own First Amendment rights.

To earn the Associate in Arts in Journalism for Transfer, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
2. Obtain a minimum grade point average of 2.0.

Program Outcomes

Students who complete the Associate in Arts in Journalism for Transfer degree will be able to:

1. Demonstrate the research and critical thinking skills necessary to analyze and
2. interpret current issues in a professional media environment.
3. Demonstrate a working knowledge of the written, oral and visual communication
4. skills necessary to analyze, interpret and produce accurate news and editorials
5. across a variety of platforms.
6. Analyze and debate the legal and ethical issues of journalism and apply them to
7. individual circumstances.
8. Demonstrate a working knowledge of the fundamental technological applications of
9. media production

REQUIRED COURSES	Units
JOUR 001 JOUR 001 Newswriting and Reporting	3
JOUR 011 Introduction to Mass Communication	3
JOUR 060 Publications Laboratory	3
Select a minimum of 3 units from List A.....	3
Select a minimum of 6 units from List B	6-7

Required Major Total Units	18 - 19
CSU General Education or IGETC Pattern Units ..	37 - 39
CSU Transferable Electives (as needed to reach 60 transferable units)*	11 - 14

Total Degree Units

* 9 units may be double counted toward both the major area of emphasis and CSU General Education or IGETC Pattern. Consult with a counselor for more information on completing this degree.

List A (select a minimum of 3 units):	Units
JOUR 061 Publications Laboratory II	3
PHOT 056 Photojournalism & Documentary Photography	3

List B (select a minimum of 6 units):	Units
CIS 085 Digital Publishing with InDesign	3
COMM 006 Argumentation and Debate.....	3
ECON 001 Principles of Economics (Macroeconomics) ..	3
ECON 002 Principles of Economics (Microeconomics) ..	3
MATH 011 Elementary Statistics	4

Journalism

JOUR 001 **3.0 Units**
Newswriting & Reporting

Prerequisite: Eligibility for English 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. C-ID JOUR 110. *Three hours lecture.*

JOUR 002 **3.0 Units**
Introduction to Feature and Magazine Writing

Prerequisite: Eligibility for English 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 **3.0 Units**
Introduction to Mass Communication

Prerequisite: Eligibility for English 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. C-ID JOUR 100. *Three hours lecture.*

JOUR 050 **1.0 Unit**
Grammar & Style for Media Writers

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

JOUR 059 **1.0 Unit**
News Media Lab

Course Advisory: Eligibility for English 001. This one-unit laboratory class is intended for non-journalism majors to learn the fundamentals of media reporting while working as a staff member of the student news publications, The Tempest newspaper and the SolanoTempest.net website. Students may work in the areas of writing, photography, illustration or multimedia, and will be introduced to: journalistic laws and ethics, opinion and news writing, covering the campus community, working on deadline, visual communication, and working on a team to produce a journalistic product for distribution to a campus-wide audience. Students are limited to four classes within the Publications Laboratory family. Journalism majors should enroll in Journalism 060. *Three hours lab.*

JOUR 060 **3.0 Units**
Publications Laboratory

Prerequisite: Eligibility for English 001. This course focuses on creating content and producing the student news publications, The Tempest newspaper and the SolanoTempest.net website, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Journalistic ethics and legal aspects will be covered. Students will work primarily in one of the following areas: researching, writing and editing articles, taking photographs, creating illustrations, creating multimedia stories, or designing pages and graphics. Students are limited to four classes within the Publications Laboratory family. C-ID JOUR 130. *Seven hours lab, two hours activity.*

Journalism

JOUR 061

Publications Laboratory II

Prerequisite: JOUR 060 with a minimum grade of C or equivalent. *Course advisory:* Eligibility for English 001. Intermediate journalism students will broaden their newsgathering skills while creating content for and producing the student news publications, The Tempest newspaper and the SolanoTempest.net website. This is a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Journalistic ethics and legal aspects will be covered. Students will work primarily in two of the following areas: researching, writing and editing articles, taking photographs, creating illustrations, creating multimedia stories, or designing pages and graphics. Students are limited to four classes within the Publications Laboratory family. Students may take this course up to the maximum number of units over multiple semesters. C-ID JOUR 131. *Seven hours lab, two hours activity.*

JOUR 062

Publications Laboratory III

Prerequisite: JOUR 061 with a minimum grade of C. *Course Advisory:* Eligibility for English 001. Intermediate journalism students will provide editorial leadership and in-depth coverage for the student news publications, The Tempest newspaper and the SolanoTempest.net website, as a practical laboratory that produces a journalistic product for distribution to a college-wide audience. Journalistic ethics and legal aspects will be covered. Students will work primarily in three of the following areas: editorial leadership, indepth coverage, researching, writing and editing articles, taking photographs, creating illustrations, creating multimedia stories, or designing pages and graphics. Students are limited to four classes within the Publications Laboratory family. *Five to seven hours lab, one to two hours activity.*

3.0 Units

JOUR 064

Publications Portfolio

Prerequisite: JOUR 064 with a minimum grade of C. *Course Advisory:* Eligibility for English 001. Students with prior instruction in reporting, editing, photography, illustration, design or digital media will integrate their journalism skills to provide editorial leadership and/or create published works for the student news publications, The Tempest newspaper and the SolanoTempest.net website, while learning the basic principles of preparing a professional portfolio. An intermediate class for students preparing for employment in journalism and related fields. Students are limited to four classes within the publications family. *Three hours lab.*

1.0 Unit

JOUR 075

Intermediate Newswriting and Reporting

Prerequisite: JOUR 001 with a minimum grade of C. This course is a continuation of the introductory newswriting/reporting course and focuses on beat coverage including government, public safety, courts, and education for various news media platforms. Students will learn research and reporting methods and how to report for a variety of news purposes including: news, opinion, social issues, and feature or investigative pieces. *Three hours lecture.*

3.0 Units

JOUR 099

Journalism Honors: Field Study

Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.3; a minimum of 5 units in the discipline with a minimum grade of B; an ability to work independently; and permission of the School Dean based on instructor availability. *Course Advisory:* Eligibility for English 001 and SCC minimum Math standards. An independent study class designed for students who have successfully completed at least two journalism classes and wish to do field work. The student works by arrangement with the instructor. *Three to nine hours by arrangement.*

1.0 to 3.0 Units

Kinesiology

(Formerly Physical Education)

Physical Education

Program Description

This program offers students activity curriculum, technical skills, and professional development courses to develop fitness or to prepare students for transfer in various fields, including physical education.

Associate in Science Degree

The Associate in Science Degree can be obtained by completing a total of 60 units, including the 30-unit major, general education requirements and electives. All courses for this major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete an Associate Degree will be able to:

1. Understand the psychological, physiological, and social benefits of physical activity.
2. Demonstrate an understanding of the 5 basic components of fitness (including the F.I.T.T.) and the R.I.C.E. principle.
3. Demonstrate an understanding of the current trends and practices in human performance and the importance of diet and exercise for lifetime fitness.

REQUIRED COURSES	Units
KINE 020A Foundations of Physical Education	3
KINE 020H Care and Prevention of Athletic Injuries	3
KINE 020S Advanced First Aid and Emergency Care	2
KINE 020V Introduction to Sports Science	3
KINE Activity Courses *	6
BIO 004 Human Anatomy	5
BIO 005 Introductory Physiology	5
HED 002 Health Education	3
OR	
HED 003 Women's Health Issues	3
Total Units	30

*At least one activity course selected from four of the seven listed categories: Aquatics (002A, 002B, 002D, 002E), Combatives (003A, 003C, 003D, 003E), Dance (004A, 004B, 004C, 004D, 004E, 004H, 004J, 004K, 004N), Fitness Courses (005C, 005G, 005J, 005K, 005M, 005N, 005P, 006A, 006C, 006E, 006F, 078), Individual sports (007A, 007C, 007F), Racquet Sports (008A, 008B, 008C, 008E, 008F), and Team Sports (009A, 009B, 009C, 009E, 009F, 009G, 009H, 009P, or Intercollegiate Athletics course).

Recommended Electives

ANTH 001 Physical Anthropology
NUTR 010 Nutrition
MATH 011 Elementary Statistics
KINE 004F Hip-Hop Dance
KINE 004G Performance Dance Ensemble
KINE 004M Intermediate Ballet
KINE 005D Circuit Training
KINE 006F Intermediate Yoga
KINE 007B Beginning Road Bicycling
KINE 020W Concepts of Physical Fitness
KINE 020D Baseball Theory and Practice I
AND
KINE 020E Baseball Theory and Practice II
KINE 020F Football Theory and Practice I
AND
KINE 020G Football Theory and Practice II

KINE 020P Softball Theory and Practice I
AND
KINE 020J Softball Theory and Practice II
KINE 020M Volleyball Theory and Practice I
AND
KINE 020N Volleyball Theory and Practice II
KINE 020Q Soccer Theory and Practice I
AND
KINE 020R Soccer Theory and Practice II
KINE 020X Basketball Theory and Analyses I
AND
KINE 020Y Basketball Theory and Analyses II
KINE 055 Sports Medicine- Athletic Training
Internship/Practicum
KINE 057 Introduction to Sports Psychology
KINE 071 Back Care and Injury Management

Any activity course listed above not used to satisfy requirements of the major.

Kinesiology

Associate in Arts in Kinesiology for Transfer (ADT: A.A.-T)

Program Description

The Kinesiology A.A. for Transfer degree is designed to provide a seamless transfer pathway for students interested in pursuing at least one Kinesiology degree option in the CSU system.

Associate in Arts in Kinesiology for Transfer

Successful completion of the degree requirements, students will be guaranteed admission to the CSU system with junior status and will not have to repeat lower division coursework. Students are encouraged to meet with a counselor to develop their educational plans as degree options and general education requirements vary for each university. The Kinesiology A.A. for Transfer can provide students with the foundational knowledge necessary for transfer to a 4-year Bachelor of Science (BS) or Bachelor of Arts (BA) degree program. Career opportunities for students who have earned BS or BA degrees in Kinesiology, include but are not limited to: exercise physiologist, physical therapy aide, health consultant, personal trainer, recreation director, referee, group fitness instructor, health club manager, athletic coach, activities director, K-12 physical educator, public health educator, swimming pool manager, cardiac rehabilitation technician, or corporate fitness director. Some careers may require additional training.

To earn the Associate in Arts in Kinesiology for Transfer degree

Students must not only complete the 22-26 unit core curriculum, but must also complete the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education-Breadth Requirements equaling 60 transferable semester units with a minimum grade point average of 2.0.

Program Outcomes

1. Utilize the fundamentals of biomechanics and exercise physiology and apply them to sport and fitness pedagogy.
2. Assess and measure the five components of fitness through improvements in fitness levels by comprehensive analysis of aerobic capacity, body composition, muscular strength and endurance, and flexibility.
3. Define and utilize the varieties of fitness and training principles as they pertain to each of the body systems in promoting homeostasis and how such body systems adapt to the demands of fitness and sports training.
4. Discuss how sociological, psychological, historical, and philosophical factors influence the discipline of Kinesiology and sports.

REQUIRED COURSES	Units
KINE 020A Introduction to Kinesiology.....	3
BIO 004 Human Anatomy.....	5
BIO 005 Introductory Physiology.....	5
A minimum of three (3) units from Movement-based courses (maximum of one course from any group)....	
Select two courses from List A.....	6-8
Total Units	22 – 26

Movement-based Courses (maximum of one course group)

Aquatics:	Units
KINE 002A Beginning Swimming	1 -1.5
KINE 002B Intermediate Swimming	1 -1.5
KINE 002D Swim for Fitness 1.....	5 - 2
KINE 002E Aqua Aerobics	1 - 1.5

Movement-based Courses (maximum of one course)

Combatives: Units	
KINE 003D Beginning Judo	1 -1.5
KINE 003E Intermediate Judo	1 -1.5

Movement-based Courses (maximum of one course)

Dance: Units	
KINE 004J Beginning Ballroom Dance	1.5 -2

Movement-based Courses (maximum of one course).

Fitness:	Units
KINE 005J Beginning Body Conditioning	1 -1.5
KINE 005K Intermediate Body Conditioning	1 -1.5
KINE 005M Beginning Weight Training	1 -1.5
KINE 005N Intermediate Weight Training	1 -1.5
KINE 006E Fundamentals of Yoga	1.5 -2

Movement-based Courses (maximum of one course)

Individual Sports:	Units
KINE 007F Beginning Archery	1 - 1.5
KINE 008A Beginning Tennis	1 -1.5
KINE 008B Intermediate Tennis	1 -1.5
KINE 008E Beginning Badminton	1 -1.5
KINE 008F Intermediate Badminton	1 -1.5

Kinesiology

Movement-based Courses (maximum of one course)

Team Sports:	Units
KINE 009A Beginning Basketball	1 -1.5
KINE 009B Indoor/Outdoor Soccer	1 -1.5
KINE 009C Intermediate Soccer	1 -1.5
KINE 009G Softball	1 -1.5
KINE 009H Beginning Volleyball	1 -1.5
KINE 009P Intermediate Volleyball	1 -1.5

Select two courses from List A **Units**

BIO 016 Introduction to Human Biology	3
MATH 011 Elementary Statistics 4	
KINE 020S Advanced First Aid and Emergency Care ...	3
PHYS 002 General Physics (Non-calculus)	5
OR	
PHYS 006 Physics for Science and Engineering	5

Kinesiology

Sports Medicine/Fitness Science A.S. Degree

Program Description

The Department of Kinesiology at Solano Community College offers a Sports Medicine Program. We are proud of our program and its students. The program is very strong academically with a core of science courses and hands-on laboratories. The intent of the program is to increase the students' breadth and depth of knowledge relative to the discipline of Kinesiology and Health Science; to provide the opportunity for students to engage in scholarly activity that includes creative, critical, and analytical thinking; and to provide a focus of study that will enhance career commitment and allow for experiences that will lead to continued self-development and growth. .

Associate in Science Degree

The Associate in Science Degree can be obtained upon completion of a total 60 units, including the 34 unit major, the general education requirements, and electives. All courses for this major must be completed with a grade of C or better or a P if the course is taken on a Pass-No Pass basis.

Program Outcomes

Students majoring in Kinesiology will be able to:

1. Understand the psychological, physiological, and social benefits of physical activity.
2. Demonstrate an understanding of the R.I.C.E. principle.
3. Develop and apply strategies to prevent the incidence and/or severity of injury and illnesses
4. Demonstrate the clinical skills needed to appropriately diagnose patients for treatment and referral
5. Preparing the student to develop critical thinking skills to be a productive member of society
6. Complete athletic training competency skills required in first 2 years of ATEP Athletic Training programs.
7. Apply clinical and decision making skills to respond to acute injury and illness; including emergencies
8. Assess patient status and develop treatment and rehabilitation that are consistent with contemporary disablement models

REQUIRED COURSES	Units
BIO 004 Human Anatomy	5
BIO 005 Human Physiology	5
CHEM 010 Intermediate Chemistry	4
KINE 020A Introduction to Kinesiology	3
KINE 020H Care and Prevention of Athletic Injuries	3
KINE 020S Advanced First Aid and Emergency Care	3
KINE 055A Sports Medicine— Athletic Training Practicum Fall Sports	3
KINE 055B Sports Medicine— Athletic Training Practicum Spring Sports	3
KINE 057 Introduction to Sports Psychology	3
NUTR 010 Nutrition	3
Total Units	35

Recommended Electives	Units
HED 002 Health Education	3
MATH 011 Elementary Statistics	4
KINE 020V Introduction to Sports Science	3
CHEM 011 Basic Organic Chemistry and Biochemistry	4
NURS 111 Medical Terminology	3
NURS 052 Pharmacology for Nursing	3
KINE 001A Adapted Aquatics	1 - 1.5
KINE 002A Beginning Swimming	1 - 1.5
KINE 002B Intermediate Swimming	1 - 1.5
KINE 009A Beginning Basketball	1 - 1.5
KINE 009B Indoor/Outdoor Soccer	1 - 1.5
KINE 009C Intermediate Soccer	1 - 1.5
KINE 009E Intermediate Basketball	1 - 1.5
KINE 009F Beginning Baseball	1 - 1.5
KINE 009G Softball	1 - 1.5
KINE 009H Beginning Volleyball	1 - 1.5
KINE 008A Beginning Tennis	1 - 1.5
KINE 008B Intermediate Tennis	1 - 1.5
KINE 005C Fitness For Life	1.5 - 2
KINE 005G Off-Season Athletic Conditioning	1 - 1.5
KINE 005J Beginning Body Conditioning	1 - 1.5
KINE 005K Intermediate Body Conditioning	1 - 1.5
KINE 005M Beginning Weight Training	1 - 1.5
KINE 005N Intermediate Weight Training	1 - 1.5
KINE 005P Step Aerobics	1 - 1.5
KINE 005Q Elite Fitness Training	1 - 1.5
KINE 006A Cardio Kickboxing	1 - 1.5
KINE 006C Pilates for Fitness	1 - 1.5
KINE 006E Fundamentals of Yoga	1.5 - 2
KINE 006F Intermediate Yoga	1.5 - 2

Kinesiology

Fitness Professional Job-Direct Certificate

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

REQUIRED COURSES	Units
KINE 005J Beginning Body Conditioning	1
OR	
KINE 005K Intermediate Body Conditioning	
KINE 020S Advanced First Aid and Emergency Care ...	2
KINE 020W Principles of Fitness & Sports Training	3
KINE 020V Introduction to Sports Science	3
NUTR 010 Nutrition	3
5 additional units from the following list: *	5

*At least one activity course selected from four of the seven listed categories: Aquatics (002A, 002B, 002D, 002E), Combatives (003A, 003C, 003D, 003E), Dance (004A, 004B, 004C, 004D, 004E, 004H, 004J, 004K, 004N), Fitness Courses (005C, 005G, 005J, 005K, 005M, 005N, 005P, 006A, 006C, 006E, 006F, 078), Individual Sports (007A, 007C, 007F), Racquet Sports (008A, 008B, 008C, 008E, 008F), and Team Sports (009A, 009B, 009C, 009E, 009F, 009G, 009H, 009P).

Total Units 17

HED 002 **3.0 Units**
Health Education
Course Advisory: SCC minimum English and Math standards. A survey course with a multifaceted view of health with physical, mental, and social dimensions. The course extends beyond the structure and function of one's body to include feelings, values, and reasoning. Examinations and a project are required. Satisfies one-half of the Health, Physical Education graduation requirement. Three hours lecture.

HED 003 **3.0 Units**
Women's Health Issues
Course Advisory: SCC minimum English and Math standards. A study of health issues that are unique to women with a focus on women's health maintenance and care, and the development of skills and acquisitions of knowledge necessary to make informed choices in health matters of concern to women. Open to all students. Satisfies one-half of the Health, Physical Education graduation requirement. Three hours lecture.

Kinesiology/Athletics
(Formerly Physical Education)
Courses number 001A through 001D are modified for students with specific physical disabilities. The instructor, with recommendations from each student's physician, develops an individualized program for each student. A permission card confirming a disability must be obtained from Disability Services prior to registration.

KINE 001A **1.0 or 1.5 Units**
Adapted Aquatics
Prerequisite: Permission of Disabilities Services Counselor confirming disability. A specialized course in water orientation, exercise, and swimming designed to meet the individual needs of those unable to participate fully in a regular swimming class. Pre-tests and post-test serve to evaluate student achievement. Formerly PE 001A. One-half hour lecture, one and one-half hours or two and one-half hours activity.

KINE 001D **1.0 or 1.5 Units**
Adapted Weight Training
Prerequisite: Permission of Disabilities Services Counselor confirming disability. Specialized course in weight training that includes an individualized program that focuses on the specific disability of each student. Pre-tests and post-tests (written and practical) serve to evaluate student achievement. Formerly PE 001D. One-half hour lecture, one and one-half hour or two and one-half hours activity

Kinesiology

Kinesiology

(Formerly Physical Education)

Sequence courses (Beginning, Intermediate) may not be taken concurrently; and sequence courses may not be taken out of sequence.

KINE 002A 1.0 or 1.5 Units Beginning Swimming

Course Advisory: SCC minimum English and Math standards. Covers the fundamental techniques of swimming, terminology, water adjustment, fluid mechanics, and water safety. Swimming strokes include freestyle and backstroke. Skills and written exams are used to evaluate student achievement. Formerly PE 002A. *One-half hour lecture, one and one-half hours or two and one-half hours activity.*

KINE 002B 1.0 or 1.5 Units Intermediate Swimming

Prerequisite: KINE 002A Course Advisory: SCC minimum English and Math standards. Covers the intermediate techniques of swimming, terminology, and fluid mechanics. Swimming strokes include freestyle, backstroke, breaststroke, and butterfly. Racing starts, flip turns, and touch turns are taught on a beginning level. Interval training concepts are introduced. Skills and written exams are used to evaluate student achievement. Formerly PE 002B. *One-half hour lecture, one and one-half hours or two and one-half hours of activity.*

KINE 002D 1.5 or 2.0 Units Swim for Fitness

Course Advisory: SCC minimum English and Math standards. Designed to provide life-long fitness through cardiovascular endurance training and skill development in basic aquatics skills. The major components which make up a swimming workout and the concepts of interval training and sprint and distance training are included. Skills exams and written exams serve to evaluate student achievement. Formerly PE 002D. *One hour lecture, one or two hours activity.*

KINE 002E 1.0 or 1.5 Units Aqua Aerobics

Course Advisory: SCC minimum English and Math standards. A comprehensive fitness program with the focus on aerobic conditioning via aquatic exercise designed to improve muscular strength, endurance and cardiovascular fitness. Exercises conducted in the water will utilize the resistance of water and equipment to develop strength and conditioning. Formerly PE 002E. *One-half hour lecture, one and one-half hours or two and one-half hours activity.*

KINE 003A 1.0 or 1.5 Units Beginning Self Defense

Course Advisory: SCC minimum English and Math standards. Designed to equip the student with basic skills and knowledge for protection against physical assault. Includes basic fighting techniques, falls and recoveries, and disengagements with counter-attacks. Also included are developing a self-defense consciousness and knowledge about self-defense and the law. Skills exam is used to evaluate student achievement. Formerly PE 003A. *One-half hour lecture, one and one-half hours or two and one-half hours activity.*

KINE 003C 1.0 or 1.5 Units Foil Fencing

Course Advisory: SCC minimum English and Math standards. Includes the fundamental skills, strategies, and rules of (French) foil fencing. The early history, evolution of hand weaponry, the dueling sword, the French and Italian techniques, French terminology, and etiquette are included. Written exams and skills exams serve to evaluate student achievement. Required Equipment: Glove; cup protection (men). Formerly PE 003C. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 003D 1.0 or 1.5 Units Beginning Judo

Course Advisory: SCC minimum English and Math standards. A basic judo course including techniques such as falls, holds, chokes, grips, grip breaks, balance breaks, and application of reverse locks. Strategies for the judo contest are included such as defenses, counters, break-up throws, take-downs, and general mat work. A historical overview of the martial arts is offered with an emphasis on the evolution of modern-day judo. Written and skills exams are used to measure student achievement. Required field trip. Formerly PE 003D. *One-half hour lecture, one and one-half or two and one-half hours activity.*

Kinesiology

KINE 003E **1.0 or 1.5 Units**
Intermediate Judo

Prerequisite KINE003D. *Course Advisory:* SCC minimum English and Math standards. An intermediate judo course that covers advanced throwing and grappling techniques. Combinations, transitions, and strategies will also be covered. Competition at the local level tournaments will be an option for interested students. Formerly PE 003E. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 004A **1.5 or 2.0 Units**
Beginning Contemporary Modern Dance

Course Advisory: SCC minimum English and Math standards. An introduction to basic contemporary modern dance techniques. This class will focus on proper contemporary modern dance alignment, terminology, center work, movement across the floor, composition and self expression through movement. Students will study posture and alignment for dance, alignment reference points and basic postural muscles. Students will develop physical strength, flexibility, coordination, and an increase in movement memory. Students will explore a variety of common accompaniments for contemporary modern dance. Basic music notation will be presented in preparation for future dance composition. The history of Modern Dance is included. Interval skills exams and written exams serve to measure student achievement. Formerly PE 004A. *One hour lecture, one or two hours activity.*

KINE 004B **1.5 or 2.0 Units**
Beginning Tap Dance

Course Advisory: SCC minimum English and Math standards. An introductory course that includes body placement, body balance, rhythm, coordination, musicality, and a repertoire of the traditional tap (foot) techniques. This course presents lecture information on music, music analysis, understanding basic components of fitness as related to dance, nutrition and basic first aid and injury prevention. This history of tap dance as an indigenous American dance form is included. Skills exams and written exams are used to evaluate student achievement. Formerly PE 004B. *One hour lecture, one or two hours activity.*

KINE 004C **1.5 or 2.0 Units**
Intermediate Tap Dance

Prerequisite: KINE 004B. *Course Advisory:* SCC minimum English and Math standards. This course explores intermediate tap dance step, patterns, combinations, and choreography. Music theory concepts as they apply to the syncopated rhythms of tap dance are included. The history of tap dance as an indigenous American dance form is discussed. Interval performance exams are used to evaluate student achievement. Written exams are used to evaluate the student's knowledge of technique, music theory, rhythmic patterns, and the historical and cultural significance of tap dance in America. Students will learn to appreciate this dance form via attendance at a dance concert or musical theater performance. Formerly PE 004C. *One hour lecture, one hour or two hours activity.*

KINE 004D **1.5 or 2.0 Units**
Jazz Dance Techniques

Prerequisite: PE 004H. *Course Advisory:* SCC minimum English and Math standards. Designed for students who have vocational or avocational interests in dance. Course emphasis is on the skill development and analysis of intermediate-level and advanced-level techniques and patterns. Selected technique syllabi of various dance artists will be presented and studied. Jazz idioms, styles, and the historical and cultural development are included. Participation in the annual dance concert is encouraged. Interval skills exams and written exams serve to evaluate student achievement. Recommended for Theatre Arts majors. Formerly PE 004D. *One hour lecture, one to two hours activity.*

KINE 004E **3.0 Units**
Dance Production

Course Advisory: SCC minimum English and Math standards. Designed for dance students interested in public performance. Experiences in student choreography are included in addition to participation in the annual college dance concert. Interval skills exams and written exams serve to evaluate student achievement. Recommended for Theatre Arts Majors. Formerly PE 004E. *One hour lecture, seven hours lab, one hour by arrangement.*

Kinesiology

KINE 004F **1.5 or 2.0 Units**
Beginning Hip-Hop Dance

Course Advisory: SCC minimum English and Math standards. Introduces students to the fundamentals of beginning hip-hop dance style. Students will learn general patterns as well as the basics of creating their own style and routines. Information describing the history and cultural development of hip-hop as a dance form will be presented. Formerly PE 004F. *One hour lecture, one or two hours activity.*

KINE 004G **2.0 Units**
Dance Choreography

Course Advisory: SCC minimum English and Math standards. A performance dance ensemble class for the experienced dance student. It is advised that the student have some training in hip-hop, ballet, jazz, ballroom, ethnic or other styles of dance experience. There is an opportunity for student choreography. This class gives an opportunity for public performance. Recommended for Dance/Theatre or related arts majors. Formerly PE 0048G. *One hour lecture, three hours activity.*

KINE 004H **1.5 or 2.0 Units**
Beginning Jazz Dance

Course Advisory: SCC minimum English standard. Covers basic jazz techniques, styles, terminology, and history. This course presents lecture information on posture for the dancer, music analysis, understanding basic components of fitness as related to dance, nutrition and injury prevention, and choreography dance notation. The course focuses on sequential development of basic jazz patterns in preparation for future dance composition. Interval skills exams and written exams serve to evaluate student achievement. Formerly PE 004H. *One hour of lecture, one or two hours of activity.*

KINE 004J **1.5 or 2.0 Units**
Beginning Ballroom Dance

Course Advisory: SCC minimum English and Math standards. In this course students will gain a solid foundation and knowledge of the basic skills and techniques of ballroom dance. This class will also be an introduction, short history, demonstration, and instruction of popular ballroom dances. Following good practice of exercise in dance execution, the students benefit from the activity and the cultural experiences. Dances selected from the following: Cha-Cha, Rumba, Nightclub Two-Step, East & West Coast Swing, Lindy-Hop, Salsa, Tango, Waltz, Samba, and Fox Trot. Attention on proper techniques in both lead and follow dance positions including, proper form, footwork, alignment, and correct posture. Music is varied to broaden the experience with different tempo and styles. No prior experience in dance required; partner not required. Formerly PE 004J. *One hour lecture, one or two hours activity.*

KINE 004K **1.5 or 2.0 Units**
Beginning Ballet

Course Advisory: SCC minimum English and Math standards. An introduction to beginning classical ballet dance forms, positions, body alignment, patterns, and barre work. The lesson is conducted with the associated French terminology for all movements and steps. The history of ballet is presented and significant choreographers and ballets are discussed. Students will study proper dance posture, the muscular system as it relates to ballet movement and proper nutritional guidelines for the dancer. Basic first aid and injury prevention and treatment for self-care injuries will also be included in lectures. Performance exams and written exams are given to evaluate student achievement. Students will be required to submit a term project on the history of Ballet. Formerly PE 004K. *One hour lecture, one or two hours activity.*

Kinesiology

KINE 004M **1.5 or 2.0 Units**
Intermediate Ballet

Prerequisite: KINE 004K with a minimum grade of C.
Course Advisory: SCC minimum English and Math standards. The student will be exposed to second derivative skills and will expand technical development for artistic growth. Emphasis is on style and the aspects of interpretation of movement needed for development of the classical dancer. Skills exams and written exams are given to evaluate student achievement leading to studio recital or performance. Text required. Formerly PE 004M. *One-half hour lecture, two and one-half to three hours activity.*

KINE 004N **1.5 or 2.0 Units**
Beginning Swing Dance

Course Advisory: SCC minimum English and Math standards. An introductory experience of the popular American social dances known as 'Swing' and an exploration of the cultural scene that created them. The course surveys historical dance varieties and East Coast/West Coast regional differences as well as the latest trends and styles. Instruction, history, and open dancing will be included in class. Attention is paid to proper technique in both lead and follow dance positions; footwork alignment and posture. Formerly PE 004N. *One hour lecture, one or two hours activity.*

KINE 004P **1.5 or 2.0 Units**
Intermediate Jazz Dance

Prerequisite: KINE 004H with a minimum grade of C.
Course Advisory: SCC minimum English and Math standards. Covers intermediate-level jazz techniques, styles, and terminology. Students will gain increased knowledge of dance posture and of the muscular functions of the major muscles that effect basic dance movements. Intermediate musical analysis will include 6 count phrasing. The course focuses on sequential development of intermediate jazz dance patterns in preparation for dance composition. Interval skills exams and written exams serve to evaluate student achievement. Formerly PE 004P. *One hour lecture, one to two hours activity.*

KINE 004S **2.0 Units**
Intermediate Swing Dance

Prerequisite: KINE 004N with a minimum grade of C.
Course Advisory: SCC minimum English and Math standards. This is an Intermediate course in swing dance. Students will gain a higher level of understanding and improved techniques, terminology, steps, lifts, patterns, rhythms, music and history of the various types of swing dances. A partner is not required. Formerly PE 004S. *One hour lecture, three hours activity.*

KINE 004T **2.0 Units**
Intermediate Ballroom Dance

Prerequisite: KINE 004J with a minimum grade of C.
Course Advisory: SCC minimum English and Math standards. This course will cover intermediate techniques and styles of ballroom dance. Students will gain improved rhythm, skills, and an increased knowledge of patterns and variations of popular ballroom dances: American Style Waltz, Tango, Cha-Cha, Nightclub Two-Step, Rumba, East Coast Swing, West Coast Swing, Salsa and Foxtrot. Increased attention on proper techniques in both lead and follow dance positions including proper form, footwork, alignment, and correct posture. Music is varied to broaden the experience with different tempo and styles. Beginning ballroom dance class is required; partner not required. Formerly PE 004T. *One hour lecture, three hours activity.*

KINE 005C **1.5 or 2.0 Units**
Fitness for Life

Course Advisory: SCC minimum English and Math standards. Offers an individualized approach to fitness with a focus on the individual's personal responsibility for his/her fitness and health throughout life. The study of the physiological changes one undergoes as a result of the physical conditioning forms the basis for the development of a lifetime fitness plan. Fitness exams and written exams serve to evaluate student achievement. Formerly PE 005C. *One hour lecture, one and one-half to two hours activity.*

Kinesiology

KINE 005D **1.0 or 1.5 Units**
Circuit Training

Course Advisory: SCC minimum English and Math standards. This is an individualized program for achieving muscle tone while increasing strength and endurance. This course employs resistive exercises, which will improve lifetime fitness and overall body fitness. Formerly PE 005D. *One-half hour lecture, one and one-half or two and one-half hour activity.*

KINE 005E **1.0 or 1.5 Units**
Cardio Conditioning

Course Advisory: SCC minimum English and Math standards. Designed for students who desire a cardiovascular workout using a combination of equipment such as stationary bikes, ellipticals, steppers, treadmills, stairmills and rowing machines. Formerly PE 005E. *One-half hour lecture, one and one-half to two and one-half hours activity.*

KINE 005G **1.0 or 1.5 Units**
Off Season Athletic Conditioning

Course Advisory: SCC minimum English and Math standards. This is a comprehensive course designed for the intercollegiate student/athlete. The course focus is on continued development and enhancement of physical performance and maintenance level required of each student/athlete's respective sport. The course will focus on learning and execution of fitness/conditioning parameters as well as pre and post-tests on sport specific abilities applicable to each student/athlete's sport or activity. Repeatable 3 times. Formerly PE 005G. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 005J **1.0 or 1.5 Units**
Beginning Body Conditioning

Course Advisory: SCC minimum English and Math standards. A general conditioning course that includes weight training, aerobic conditioning, and stretching exercises. A pre-test serves to define individual fitness goals, and two post-tests (written and practical) serve to evaluate student achievement. Formerly PE 005J. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 005K **1.0 or 1.5 Units**
Intermediate Body Conditioning

Prerequisite: KINE 005J. Course Advisory: SCC minimum English and Math standards. A general conditioning course that includes weight training, aerobic conditioning, and stretching exercises. A pre-test serves to define individual fitness goals, and two post-tests (written and practical) serve to evaluate student achievement. Post-test standards are higher than they are in the beginning-level course. Nutrition, as it relates to fitness and weight control, is included. Formerly PE 005K. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 005M **1.0 or 1.5 Units**
Beginning Weight Training

Course Advisory: SCC minimum English and Math standards. A comprehensive weight training course for men and women with a focus on strength development and muscle hypertrophy. Resistive exercises via free weights and fixed weights are used for the development of every major muscle group. Pre-tests and post-tests (written and practical) serve to evaluate student achievement. Formerly KINE 005M. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 005N **1.0 or 1.5 Units**
Intermediate Weight Training

Prerequisite: KINE 005M with a minimum grade of C. Course Advisory: SCC minimum English and Math standards. Intermediate weight training courses for men and women that will help individuals define and concentrate on personalized goals. Special emphasis will be directed at determining students' needs and helping them write and follow an exercise program designed to meet those needs. Pre-tests, post-tests and fitness measurements will be used to assess progress. Formerly PE 005N. *One-half hour lecture, one and one-half or two and one-half hours activity.*

Kinesiology

KINE 005P **1.0 or 1.5 Units**
Step Aerobics

Course Advisory: SCC minimum English and Math standards. An aerobic exercise program utilizing four inch, six inch, and eight inch step platforms. Class format includes warm-up, pre-aerobics, peak aerobics, aerobic cool down as determined by musical beats per minute (BPM). Body toning, strength building and flexibility components of the workout will be included to provide the student with a well-rounded fitness program. Fitness exams, written, exams, written assignments, and/or participation serve to measure student achievement. Formerly PE 005P. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 005Q **1.0 or 1.5 Units**
Elite Fitness Training

Course Advisory: SCC minimum English and Math standards. Kokoro is unbeatable spirit in Japanese. This is the ultimate goal of Elite Fitness Training for the serious person who wants to find the warrior within; it includes training the mind, body, emotions, senses and spirit. Formerly PE 005Q. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 005R **1.0 or 1.5 Units**
Core Conditioning Training

Course Advisory: SCC minimum English and Math standards. A fitness course focusing on core conditioning in which students in physically demanding sports, fitness activities and professions learn to balance their conditioning over the entire body. This course will help improve performance by developing utilizing the principles of power, agility, core strength, and speed. Formerly PE 005R. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 006A **1.0 or 1.5 Units**
Cardio Kickboxing

Course Advisory: SCC minimum English and Math standards. An aerobic exercise program utilizing non-contact kickboxing techniques. Class format includes warm-up, pre-aerobics, peak aerobics and aerobic cool down as determined by musical beats per minutes (BPM). Hand weights, step boxes, and other equipment may be used for additional lower and upper body strength and conditioning. A flexibility cool-down will conclude the exercise session. Formerly PE 006A. *One-half hour lecture, one and one-half to two and one-half hours activity.*

KINE 006B **1.0 or 1.5 Units**
Introduction to Qigong

Course Advisory: SCC minimum English and Math standards. A course designed to acquaint the student with the basic 64-movement patterns of Dayan Qigong (pronounced cheegong) - one of the most popular forms of Qigong taught in China today. Students will learn the names and locations of accupressure points and how to do self-massage to activate the meridian system of the body. Students will learn both 'stillness in action' through the physical movements and 'action in stillness' through sitting, standing and walking meditations. This class is available for students with all levels of abilities and can be adapted for students with mobility issues. Formerly PE 006B. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 006C **1.0 or 1.5 Units**
Pilates For Fitness

Course Advisory: SCC minimum English and Math standards. A fitness course that utilizes Pilates techniques that can increase strength, flexibility and endurance. Pilates exercises can improve posture, alignment coordination and balance. This course is targeted to improve core strength and overall fitness. Formerly PE 006C. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 006E **1.5 or 2.0 Units**
Fundamentals of Yoga

Course Advisory: SCC minimum English and Math standards. Development of basic yoga postures, breathing practices, stretching and relaxation techniques as method to improve flexibility, decrease stress and improve physical and mental well-being. Formerly PE 006E. *One hour lecture, two or three hours activity.*

KINE 006F **1.5 or 2.0 Units**
Intermediate Yoga

Prerequisite: KINE 006E with a minimum grade of C. *Course Advisory: SCC minimum English and Math standards.* This course will expand upon the techniques and philosophies of beginning yoga. Students will be exposed to intermediate postures, various specific yoga systems and additional philosophies of yoga from the masters. Formerly PE 006F. *One hour lecture, one or two hours activity.*

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KINE 006G **1.0 or 1.5 Units**
Tai Chi

Course Advisory: SCC minimum English and Math standards. An introduction to the discipline of Physical Education through Tai Chi exercises, including well-known short forms consisting of 24 postures. Basic exercise physiology, nutrition, fundamentals of strength development, flexibility and meditation concepts as related to Tai Chi and health and wellness are also covered. Formerly PE 006G. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 007A **1.0 or 1.5 Units**
Beginning Bowling

Course Advisory: SCC minimum English and Math standards. Covers the fundamental techniques of bowling, terminology, rules, scoring, etiquette, and history. Practice and class competitions are provided to enhance skill development and strategy. Written exams and skills exams serve to evaluate student achievement. Formerly PE 007A. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 007B **1.0 or 1.5 Units**
Beginning Road Bicycling

Course Advisory: SCC minimum English and Math standards. An introduction to basic road bicycling terminology, equipment, and riding techniques. History of bicycling is included. Interval skills examinations and written examinations serve to measure student achievement. Formerly PE 007B. *One-half hour lecture, one and one-half or three hours activity.*

KINE 007C **1.0 or 1.5 Units**
Beginning Mountain Biking

Course Advisory: SCC minimum English and Math standards. Introduction to basic mountain biking terminology, equipment, and riding techniques. History of bicycling is included. Interval skills examinations and written examinations serve to measure student achievement. Formerly PE 007C. *One hour lecture, one or two hours activity.*

KINE 007F **1.0 or 1.5 Units**
Beginning Archery

Course Advisory: SCC minimum English and Math standards. Covers the fundamental techniques of archery, terminology, accessories, and history of the sport. Practice and class competitions are provided to enhance skill development. Written and skills exams serve to evaluate student achievement. Formerly PE 007F. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 008A **1.0 or 1.5 Units**
Beginning Tennis

Course Advisory: SCC minimum English and Math standards. Lectures and demonstrations cover the fundamental techniques of tennis: forehand, backhand, basic serve, and volley. Terminology, rules, and history are included. Practice, skill drills, and class competition in both singles and doubles are provided to enhance skill development and game strategy. Skills exams and written exams serve to evaluate student achievement. Formerly PE 008A. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 008B **1.0 or 1.5 Units**
Intermediate Tennis

Prerequisite: KINE 008A with a minimum grade of C.
Course Advisory: SCC minimum English and Math standards. Lecture and demonstration cover the intermediate techniques of tennis: overhead smash, drop shot, chop volley, serves, and offensive and defensive lobs. Strategy for competitive play is emphasized. Skills exams and written exams serve to evaluate student achievement. Formerly PE 008B. *One-half hour lecture, one and one-half to two and one-half hours activity.*

KINE 008C **1.0 or 1.5 Units**
Beginning Racquetball

Course Advisory: SCC minimum English and Math standards. Lectures and demonstrations on the fundamental techniques and skills such as grips, forehand and backhand strokes, serves, the serve return, and the kill shot. Scoring, game rules, game strategy, and court etiquette are included. Drills and class competitions are provided to enhance skill development and game strategy. Skills exams and written final exam serve to evaluate student achievement. Formerly PE 008C. *One-half hour lecture, one and one-half or two and one-half hours activity.*

Kinesiology

KINE 008D Advanced Tennis

1.0 Unit

Course Advisory: SCC minimum English and Math standards; KINE 008B with a minimum grade of C; 1 year experience high school team tennis and/or club tennis tournament experience. This course will provide advanced instruction in the techniques, tactics and strategies associated with competitive tennis. Special emphasis placed on drills and competitive play situations. *Three hours lab.*

KINE 008E Beginning Badminton

1.0 or 1.5 Units

Course Advisory: SCC minimum English and Math standards. Lecture and demonstrations on the basic skills: forehand, backhand, service, the clears and the smash. Also covered are singles and doubles strategy. History, terminology, rules and scoring, and care and selection of equipment are included. Skills exams and written exams serve to evaluate student achievement. Formerly PE 008E. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 008F Intermediate Badminton

1.0 or 1.5 Units

Prerequisite: KINE 008E. Course Advisory: SCC minimum English and Math standards. Lecture and demonstrations cover intermediate skills: clears-cross court, down the line and reverse cross-court; drops - at the net, from the backcourt and from the mid-court; service - forehand and backhand. Also covered are offensive and defensive techniques of the smash. Training drills, agility, endurance and court coverage for competitive play will be taught. Skill exams and written exams serve to evaluate student achievement. Formerly PE 008F. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009A Beginning Basketball

1.0 or 1.5 Units

Course Advisory: SCC minimum English and Math standards. Lectures and demonstration cover the fundamental skills of basketball: shooting, passing, dribbling, rebounding, and footwork. Offensive and defensive drills are practiced in preparation for low-level competition in class. The history, rules, and terminology of the game are included. Skills exams and written exams serve to evaluate student achievement. Formerly PE 009A. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009B Indoor/Outdoor Soccer

1.0 or 1.5 Units

Course Advisory: SCC minimum English and Math standards. Covers the fundamental techniques of soccer, terminology, rules, and history. Practice, skills drills, and class competitions are provided to enhance skill development and game strategy. A written final exam and skills exams serve to evaluate student achievement. Formerly PE 009B. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009C Intermediate Soccer

1.0 or 1.5 Units

Prerequisite: KINE 009B with a minimum grade of C. Course Advisory: SCC minimum English and Math standards. Covers intermediate soccer skills. Through team competition, emphasis is placed upon offensive and defensive tactics and strategies. Develop knowledge and understanding of the current collegiate soccer rules and fitness. Formerly PE 009C. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009E Intermediate Basketball

1.0 or 1.5 Units

Prerequisite: KINE 009A with a minimum grade of C. Course Advisory: SCC minimum English and Math standards. Lecture and demonstration cover second derivative skills and philosophies of basketball: court leadership, team offenses and defenses, motivation, team strategies, court decorum and sportsmanship. Skill exams and written exams serve to evaluate student achievement. Formerly PE 009E. *One half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009F Beginning Baseball

1.0 or 1.5 Units

Course Advisory: SCC minimum English and Math standards. Using a lecture and lab format the class covers the fundamental skills of baseball: throwing, catching, fielding, catching fly balls, hitting, bunting, base running, sliding, and playing defensive positions. Offensive and defensive drills practiced in preparation for low-level competition in class. History, rules, and terminology are included. Skills exams and written exams serve to evaluate student achievement. Formerly PE 009F. *One-half hour lecture, one and one-half or two and one-half hours activity.*

Kinesiology

KINE 009G **1.0 or 1.5 Units**
Softball

Course Advisory: SCC minimum English and Math standards. Covers the fundamental techniques of softball, terminology, rules, and history. Practice, skill drills, and class competitions are provided to enhance skill development and game strategy. Skills exams and a written final exam serve to evaluate student achievement. Students must provide their own glove. Formerly PE 009G. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009H **1.0 or 1.5 Units**
Beginning Volleyball

Course Advisory: SCC minimum English and Math standards. Covers the basic skills: serve, pass, set attack, and block. Skill development is emphasized. This course presents lecture information on team play, rules, history, and basic game strategy. Physical conditioning is an integral part of the course. Skills exams and written exams serve to evaluate student achievement. Formerly PE 009H. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 009P **1.0 or 1.5 Units**
Intermediate Volleyball

Prerequisite: KINE 009H with a minimum grade of C.
Course Advisory: SCC minimum English and Math standards. Covers the intermediate skills: serve, pass, set, attack, and block. The course focuses on offensive and defensive tactics and strategies in preparation for high-level competitive play. A comprehensive physical conditioning program is included to prepare the player for the rigors of volleyball activity. Formerly PE 009P. *One-half hour lab, one and one-half to two and one-half hours activity.*

KINE 020A **3.0 Units**
Introduction to Kinesiology

Course Advisory: SCC minimum English and Math standards. This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. Formerly PE 020A. *Three hours lecture.*

KINE 020D **2.0 Units**
Baseball Theory and Practice I

Course Advisory: SCC minimum English and Math standards. A comprehensive baseball course designed for the athlete and coach. The course includes the theories and applications of offensive and defensive strategies, the game plan as it relates to the statistical performance of a particular team, and the use of scouting in assessing the skills and weaknesses of the opposing coach and team. Skills exams and written exams serve to evaluate athlete achievement. Formerly PE 020D. *One hour lecture, two hours activity.*

KINE 020E **2.0 Units**
Baseball Theory and Practice II

Course Advisory: SCC minimum English and Math standards. A continuation of Kinesiology 020D. A comprehensive baseball course designed for the athlete and coach. The course includes advanced theories and applications of offensive and defensive strategies, the evaluation of the game plan as it relates to the statistical information and skill performance of a team, and the use of assembling advanced scouting reports to assess the skills and weaknesses of the opposing coach and team. Skills exams and written exams serve to evaluate the student. Formerly PE 020E. *One hour lecture, two hours activity.*

KINE 020F **2.0 Units**
Football Theory and Practice I

Course Advisory: SCC minimum English and Math standards. Comprehensive course for athletes and coaches of football in preparation for intercollegiate competition. The course focuses on the analyses and applications of the principles underlying all football techniques, the psychology involved in the development of winners, and the scientific and empirical principles of training. Skills exams and written exams serve to evaluate athlete achievement. Formerly PE 020F. *One hour lecture, two hours activity.*

Kinesiology

KINE 020G **2.0 Units**
Football Theory and Practice II

Course Advisory: SCC minimum English and Math standards. A continuation of Kinesiology 020F. An advanced course for athletes and coaches of football in preparation for intercollegiate competition. The course focuses on the analyses and applications of the principles underlying offensive and defensive strategies and formation of game plans. Skills and written exams are used to evaluate student learning. Formerly PE 020G. *One hour lecture, two hours activity.*

KINE 020H **3.0 Units**
Care and Prevention of Athletic Injuries

Course Advisory: SCC minimum English and Math standards. An introduction to the field of Athletic Training as a profession and as an academic discipline. Designed to train students in the recognition, rehabilitation, and prevention of athletic injuries. Emphasis is on learning and applying a variety of taping techniques and athletic training therapies. Written examinations and practical examinations serve to evaluate student achievement. Required of Physical Education majors and minors. Formerly PE 020H. *Three hours lecture.*

KINE 020J **2.0 Units**
Softball Theory and Practice II

Course Advisory: SCC minimum English and Math standards. A continuation of Kinesiology 020P. An advanced softball course designed for the athlete and coach. The course includes advanced theories and applications of offensive and defensive strategies, evaluation of the game plan as it relates to statistical information and skill performance of a team. It also covers assembling advanced scouting reports to assess the opposition. Skill exams and written exams serve to evaluate the student. Formerly PE 020J. *One hour lecture, two hours lab.*

KINE 020M **2.0 Units**
Volleyball Theory And Practice I

Course Advisory: SCC minimum English standard. Study of the theories of offensive and defensive strategies of competitive volleyball. Athletes will study, analyze, and practice offensive and defensive skills and strategies in preparation for seasonal, intercollegiate competition. Skills exams and written exams serve to evaluate athlete achievement. Formerly PE 020M. *One hour lecture, two hours activity.*

KINE 020N **2.0 Units**
Volleyball Theory and Practice II

Course Advisory: SCC minimum English standard. A continuation of PE 020M. A study of advanced theories of offensive and defensive strategies of competitive volleyball. Students will analyze advanced offensive and defensive strategies and will develop in-depth scouting procedures. Skills exams and written exams serve to evaluate student achievement. Formerly PE 020N. *One hour lecture, two hours activity.*

KINE 020P **2.0 Units**
Softball Theory And Practice I

Course Advisory: SCC minimum English and Math standards. Comprehensive course designed for the intercollegiate softball athlete and for the coach of fastpitch softball. The course focuses on the theories, analyses, and applications of offensive and defensive skills and strategies. Written exams and practical exams serve to evaluate athlete achievement. Formerly PE 020P. *One hour lecture, two hours activity.*

KINE 020Q **1.5 or 2.0 Units**
Soccer Theory And Practice I

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the intercollegiate soccer athlete and for the coach of soccer. The course focuses on the theories, analyses, and application of offensive and defensive skills and strategies. Written exams and practical exams serve to evaluate the student achievement. Formerly PE 020Q. *One hour lecture, and one to two hours activity.*

KINE 020R **1.5 or 2.0 Units**
Soccer Theory And Practice II

Course Advisory: SCC minimum English and Math standards; KINE 020Q or equivalent soccer experience. Continuation of Kinesiology 020Q. A study of advanced theories of offensive and defensive strategies of competitive soccer. Students will analyze advanced offensive and defensive strategies and will develop in-depth scouting procedures. Skill exams and written exams serve to evaluate student achievement. Formerly PE 020R. *One hour lecture, one to two hours activity.*

Kinesiology

KINE 020S 3.0 Units

Advanced First Aid and Emergency Care

Course Advisory: SCC minimum English and Math standards. A course designed to prepare individuals who may administer emergency care to the injured and ill. Upon successful completion of the course, students will be knowledgeable in Advanced First Aid and Emergency Care, cardiopulmonary resuscitation (CPR), and Automatic External Defibrillator (AED) for infants, children, and adults. Upon successful completion of the appropriate exam, the student will be eligible for certification in First Responder First Aid and CPR. Required of Physical Education/Kinesiology majors/minors and Transfer Model Curriculum. An additional fee may be required to receive an official American Red Cross CPR card. An American Heart Association certification is required for students pursuing EMT certification. Formerly PE 020S. C-ID KIN 101. *Three hours lecture.*

KINE 020V 3.0 Units

Introduction to Sports Science

Course Advisory: SCC minimum English and Math standards. A course covering the basic elements of sport sciences including: kinesiology, motor learning, biomechanics, exercise physiology, sports medicine, sport psychology and training theory. Formerly PE 020V. *Three hours lecture.*

KINE 020W 3.0 Units

Principles of Fitness & Sports Training

Course Advisory: SCC minimum English and Math standards. A comprehensive fitness course that includes the study of the human organism and its reactions to fitness and physical activity. The course focuses on the physiological adaptations, exercise training/prescriptions, nutrition, ergogenic aids, environmental factors, and the major medical and health conditions. Written exams and measurements of activity serve to evaluate student achievement. Formerly PE 020W. *Three hours lecture.*

KINE 020X 2.5 Units

Basketball Theory And Analyses I

Course Advisory: SCC minimum English and Math standards. A comprehensive basketball theory course designed for coach and athlete. The course includes the theories and analyses of offensive and defensive strategies, the development of the offensive and defensive game plan as it relates to statistical data, and spontaneous adjustments in offense and defense. Written exams serve to evaluate student achievement. Formerly PE 020X. *Two hours lecture, one hour activity.*

KINE 020Y 2.5 Units

Basketball Theory And Analyses II

Course Advisory: SCC minimum English and Math standards. A continuation of KINE 020X. A comprehensive basketball theory course designed for coach and athlete. The course includes the advanced theories and analyses of offensive and defensive strategies and the development of the game plan using statistical data and the scouting report. Written exams and skill exams serve to evaluate student achievement. Formerly PE 020Y. *Two hours lecture, one hour activity.*

KINE 055A 3.0 Units

Sports Medicine - Athletic Training Practicum Fall Sports

Supervised volunteer athletic experience which provides students with the opportunity for immediate recognition and treatment of lower extremity sports injuries. Emphasis is on taping techniques and rehabilitation which enables athletes to return to competition. Fall sport experience includes, soccer, volleyball, rugby, and men's and women's basketball specific to these sports include most lower extremity injuries. *One and one-half hour lecture, four and one-half hours lab.*

KINE 055B 3.0 Units

Sports Medicine — Athletic Training Practicum Spring Sports

Course Advisory: SCC minimum English and Math standards. Supervised volunteer athletic experience which provides students with the opportunity for immediate recognition and treatment of upper extremity sports injuries. Emphasis is on taping techniques and rehabilitation which enables athletes to return to competition. Spring sport experience includes, softball, baseball, mens and womens swimming and diving. Injuries specific to these sports include most upper extremity injuries. Formerly KINE 055. *One and one-half hours lecture, four and one-half hours lab.*

Kinesiology

KINE 057 **3.0 Units**
Introduction to Sports Psychology

Course Advisory: SCC minimum English and Math standards. Introduction to psychological concepts, strategies and skills designed to help individuals overcome the barriers to optimal athletic performance. Skills such as imagery, goal setting, cognitive restructuring, attentional focusing, arousal regulation, and coping will be presented. With this course students establish a goal(s) and work toward it while fostering a winning environment. *Three hours lecture.*

KINE 071 **0.5 or 1.5 Units**
Back Care and Injury Management

Course Advisory: SCC minimum English and Math standards. A course designed for students with interest in back care or managing a back injury. Individualized and group exercises will focus on functional motor control, balance, coordination, flexibility, developmental movement, individually developed exercises and strength and endurance for students with back injuries. There will be an emphasis on encouraging independence in personal health and teaching lifelong fitness knowledge and skills. Formerly PE 071. *One-half hour lecture, one-half or two and one-half hours activity.*

KINE 078 **1.0 or 1.5 Units**
Fit Ball Training

Course Advisory: SCC minimum English and Math standards. A fitness course that utilizes fitness ball techniques that can increase strength, flexibility, endurance and lean body composition. Fitness ball exercises can help to improve and develop functionality and agility through strengthening weak muscles as well as core muscles. Students will learn to safely and effectively execute strengthening exercises for all the major muscle groups with and without hand weights, flexibility exercises and balancing exercises. Skill exams and written exams serve to evaluate student achievement. Formerly PE 078. *One-half hour lecture, one and one-half or two and one-half hours activity.*

KINE 083 **2.0 Units**
Tactical Fitness

Course Advisory: KINE 005Q with a minimum grade of C; SCC minimum English and Math standards. An advanced lifelong functional fitness training and educational course designed specifically for students currently in or planning on entering the tactical/operator profession. This course will prepare or increase a student's mission/job performance and knowledge by incorporating current research and advanced training methods to increase strength, stamina, and reduce injury risks. This course will challenge those students who want to attain the pinnacle of fitness and exercise knowledge. Formerly PE 083. *One hour lecture, three hours activity.*

Athletics/Health Education **Intercollegiate Athletics**

ATHL 001 **2.0 Units**
Women's Intercollegiate Volleyball (Fall)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate volleyball skills. The course includes the theories and analyses of offensive and defensive strategies, skill acquisition, development of fitness skills and mental preparation for competition. Repeatable 3 times. *Ten hours lab.*

ATHL 002A **1.0 Unit**
Women's Intercollegiate Basketball (Fall)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate basketball skills. The course includes the theories and analyses of offensive and defensive strategies, acquisition and development of physical skills, and mental preparation for competition. Repeatable 3 times. *Ten hours lab (12-week course).*

ATHL 002B **1.0 Unit**
Women's Intercollegiate Basketball (Spring)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate basketball skills. The course includes the theories and analyses of offensive and defensive strategies, acquisition and development of physical skills, and mental preparation for competition. Repeatable 3 times. *Ten hours lab (9-week course).*

Kinesiology

ATHL 003 **2.0 Units**

Women's Intercollegiate Softball

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced softball skills. The course includes the theories and analyses of offensive and defensive strategies, skill acquisition, development of fitness skills and mental preparation for competition. Repeatable 3 times. *Ten hours lab.*

ATHL 003A **2.0 Units**

Pre-season Intercollegiate Softball

A comprehensive course designed to develop the pre-season student athlete covering beginning softball skills. The course includes the theories and analyses of offensive and defensive strategies, skill acquisition, development of fitness skills and mental preparation for competition. *Seven hours lab.*

ATHL 004 **2.0 Units**

Women's Intercollegiate Soccer (Fall)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student-athlete covering advanced intercollegiate soccer skills. The course includes the theories and analysis of offensive and defensive strategies, skill acquisition, development of fitness skills and mental preparations for competition. Repeatable 3 times. *Ten hours lab.*

ATHL 010 **1.0 or 2.0 Units**

Men's and Women's Intercollegiate Swimming and Diving (Spring)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate swimming and diving skills. The course includes theories and analyses of skill acquisition, development of fitness skills and mental preparation for competition. Repeatable 3 times. *Ten hours lab.*

ATHL 015 **2.0 Units**

Men's Intercollegiate Baseball

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate baseball skills. The course includes the theories and analyses of offensive and defensive strategies, skill acquisition, development of fitness skills and mental preparation for competition. Repeatable 3 times. *Ten hours lab.*

ATHL 016A **1.0 Unit**

Mens Intercollegiate Basketball (Fall)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate basketball skills. The course includes the theories and analyses of offensive and defensive strategies, acquisition and development of physical skills, and mental preparation for competition. Repeatable 3 times. *Ten hours lab. (12-week course).*

ATHL 016B **1.0 Unit**

Men's Intercollegiate Basketball (Spring)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate basketball skills. The course includes the theories and analyses of offensive and defensive strategies, acquisition and development of physical skills, and mental preparation for competition. Repeatable 3 times. *Ten hours lab (9-week course).*

ATHL 017 **2.0 Units**

Men's Intercollegiate Football (Fall)

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate football skills. The course includes the theories and analyses of offensive, defensive, and kicking team strategies, acquisition and development of physical skills, and mental preparation for competition. Repeatable 3 times. *Ten hours lab.*

Kinesiology

ATHL 020**2.0 Units****Men's and Women's Intercollegiate Water Polo**

Course Advisory: SCC minimum English and Math standards. A comprehensive course designed for the student athlete covering advanced intercollegiate water polo skills. The course includes the theories and analyses of offensive and defensive strategies, skill acquisition, development of physical skills, and mental preparation for competition. Repeatable 3 times. *Ten hours lab.*

ATHL 048**2.5 Units****Intercollegiate Tennis**

A comprehensive course designed for the student athlete covering advanced intercollegiate tennis skills. The course includes the four pillars of the game: mental, physical, tactical, and technical facets. Includes a global and historical examination of the sport, rules, equipment, facilities, and etiquette. Through the intercollegiate competitive experience students will improve their individual tennis skills, increase their ability to employ advanced strategies and increase their knowledge of physical training, nutrition, and biomechanics underlying the development of force, power and accuracy. *9.5 hours lab.*

Liberal Arts

For Landscaping-See Horticulture

Education

EDUC 050 **3.0 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 **3.0 Units**
What It Means To Be Human
Prerequisite: ENGL 001 with a minimum grade of C. 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, and creators, and media creators and consumers. Inquiry into each category will involve critical thinking, artistic sensitivity, and historical perspective. *Three hours lecture.*

HUMN 002 **3.0 Units**
Humans As Creators: The Media of Creativity
Course Advisory: Eligibility for English 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 **3.0 Units**
Journey Into a Multicultural Landscape
Course Advisory: 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.*