

# 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,

### REQUIRED COURSES ..... Units

SOCS 022 Ethnic, Racial and Minority Group Relations in Harmony and Conflict.....	3
One course from List A.....	3
One course from List B.....	3
One course from List C.....	3
Two courses from Recommended Electives.....	6-10
<b>Total Units: .....</b>	<b>18-22</b>

### List A (select one course)..... Units

ART 012 Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America .....	3
MUSC 007 Jazz and Popular Music in America: Ragtime to Rock .....	3
MUSC 013 Multicultural Music in America.....	3

### List B (select one course)..... Units

COUN 055 Valuing Diversity.....	3
SOCS 030 Peace, Non-Violence, and Conflict Resolution .....	3

### List C (select one course)..... Units

HIST 028 African American History to 1877.....	3
HIST 029 African American History Since 1865 .....	3
PLSC 005 Constitutional Rights in a Multicultural Society .....	3

### Electives List (select two courses)..... Units

ANTH 002 Cultural Anthropology .....	3
COUN 055* Valuing Diversity .....	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
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
SPAN 001 First Semester Spanish.....	5
SPAN 002 Second Semester Spanish .....	5
SPAN 003 Third Semester Spanish .....	5
SPAN 004 Fourth Semester Spanish.....	5
THEA 013 Diversity in American Theatre: A Contemporary Focus .....	3

\* If not previously taken for the major.

# Film and Television

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## Film and Television

See also *Sports Broadcasting – Certificate of Achievement in Communication Studies*

### 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.

<b>REQUIRED COURSES</b> .....	<b>Units</b>
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 060 Television and Film Writing .....	3
TV 056 Advanced Television Production .....	3
OR	
CINA 016 Film Production .....	4
<b>Total Units</b> .....	<b>19 – 20</b>

### 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 Principles and Theory of Acting  
THEA 002 Acting 2 Principles and Theory of Acting  
THEA 010 History of Theatre 1  
THEA 050 Performance for the Camera  
TV 061 Advanced Film Writing  
TV 099 Telecommunications Honors

# Film and Television

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## Cinematography

**CINA 010 3.0 Units**

### **Introduction to Cinema Studies**

*Course Advisory: Eligibility for ENGL 001.* This course introduces the close analysis of film texts. Examines the broad questions of form and content, aesthetics and meaning, and history and culture. Explores the diverse possibilities presented by the cinematic art form through an examination of a wide variety of productions, national cinemas, and film movements. Topics include modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology and critical analysis. Written exams, film screenings, and film discussion 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.*

**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, three hours by arrangement.*

**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 and 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.*

# Film and Television

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**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

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## 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.

### Certificate of Achievement and Associate in Science Degree

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

<b>REQUIRED COURSES</b> .....	<b>Units</b>
FIRE 050 * Principles of Emergency Services.....	3
FIRE 051 Fire Behavior & Combustion .....	3
FIRE 053 Fire Prevention Application.....	3
FIRE 054 Fire Protection Systems .....	3
FIRE 056 Building Construction as it Relates to the Fire Service .....	3
FIRE 101 Principles of Fire and Emergency Services Safety and Survival .....	3
12 units from Recommended Electives.....	12
<b>Total Units</b> .....	<b>30</b>

<b>Recommended Electives (select 12 units):</b> .....	<b>Units</b>
FIRE 140 Fire Technology Academy .....	24
EMT 112 Emergency Medical Technician (Basic) .....	7
EMT 128 Emergency Medical Responder.....	3
OCED 090 Occupational Work Experience .....	1 - 8

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

This is a Gainful Employment Program. For additional information, please visit [http://www.solano.edu/gainful\\_employment/](http://www.solano.edu/gainful_employment/) and select "Fire Technology."

# Fire Technology

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**FIRE 050 3.0 Units**  
**Principles of Emergency Services**

*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. *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. *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. *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. *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. *Three hours lecture.*

**FIRE 101 3.0 Units**  
**Principles of Fire and Emergency Services Safety and Survival**

*Course Advisory: ENGL 001 and SCC minimum MATH standard.* Introduction to 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 140 24.0 Units**  
**Fire Technology Academy**

*Prerequisite: Minimum grade of C in FIRE 050, FIRE 101, EMT 128 and 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. **NOTE:** Additional fees are associated with this course. Fees may include and are not limited to purchase of uniforms, physical fitness attire, State Fire Marshal certificates, and other related costs. The Solano College Fire Technology Program and its appurtenant Firefighter I Academy is a California State Fire Marshal Accredited Regional Training Program. Field trips may be required. Students will be required to rent, at their cost, all or portions of personal protective equipment (PPE) needed for academy events. If a student is sponsored by a fire department and said department provides the student with necessary PPE, he/she will not be required to rent PPE. *Fourteen hours lecture, thirty hours lab.*



# Foreign Languages

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## *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 the 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**

Select a minimum of 20 units combined from the two different languages.

<b>French..... Units</b>	<b>Spanish..... Units</b>
FREN 001 First Semester French..... 5	SPAN 001 First Semester Spanish..... 5
OR	OR
FREN 031 First Semester French, Part 1..... 3	SPAN 031 First Semester Spanish, Part 1..... 3
AND	AND
FREN 032 First Semester French, Part 2..... 3	SPAN 032 First Semester Spanish, Part 2..... 3
FREN 002 Second Semester French ..... 5	SPAN 002 Second Semester Spanish ..... 5
FREN 003 Third Semester French..... 5	OR
FREN 004 Fourth Semester French..... 5	SPAN 033 Second Semester Spanish, Part 1 ..... 3
FREN 011 Conversational French ..... 3	AND
FREN 012 Intermediate French Conversation ..... 3	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

# Foreign Languages

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## *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, 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



# Foreign Languages

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## Associate in Arts in Spanish for Transfer

### 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.

<b>REQUIRED COURSES</b> ..... <b>Units</b>	<b>List A (select 3 units)</b> ..... <b>Units</b>
SPAN 001 First Semester Spanish..... 5	HIST 031 Mexican American/Chicano History..... 3
SPAN 002 Second Semester Spanish..... 5	SPAN 011 Conversational Spanish..... 3
SPAN 003 Third Semester Spanish..... 5	SPAN 012 Intermediate Spanish Conversation..... 3
OR	SPAN 025 Introduction to Latin-American Culture: Exploration of Identity Through Essay, Film, and Short Story..... 3
SPAN 001S Spanish for Spanish Speakers 1..... 5	SPAN 026 Spanish Cinema for Conversation..... 3
SPAN 004 Fourth Semester Spanish..... 5	SOCS 022 Ethnic, Racial and Minority Group Relations in Harmony and Conflict..... 3
OR	SOCS 025 Mexican-American Experience..... 3
SPAN 002S Spanish for Spanish Speakers 2..... 5	
3 units from List A..... 3	
	<b>Required Major Total Units</b> ..... <b>23</b>
	CSU General Education or iGETC Pattern units..... 37 - 39
	CSU Transferable Electives
	(as needed to reach 60 transferable units)*..... 7 - 9
	<b>Total Degree units</b> ..... <b>60</b>

*\* 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

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## **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 co-requisite 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.*

## *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.*

## **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.* 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.*

# Foreign Languages

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**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.*

## *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 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 003**

**5.0 Units**

## **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. *C-ID SPAN 200. Five hours lecture.*

# Foreign Languages

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**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. C-ID SPAN 210. *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 031**

## **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.*

**3.0 Units**

**SPAN 032**

## **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.*

**3.0 Units**

**SPAN 033**

## **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.*

**3.0 Units**

**SPAN 034**

## **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.*

**3.0 Units**

# Foreign Languages

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**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.*



# 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.

<b>REQUIRED COURSES</b> .....	<b>Units</b>
GEOG 001 Physical Geography .....	3
GEOG 001L Physical Geography Laboratory .....	1
GEOG 002 Cultural Geography .....	3
Two to three courses from List A .....	6-9
Two courses from List B .....	6

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

<b>List B</b> (Select 6 units) .....	<b>Units</b>
ANTH 002 Cultural Anthropology .....	3
GEOL 001 Physical Geology .....	3
Any course from List A not already used .....	3
<b>Required Major Total Units</b> .....	<b>19-22</b>
<b>CSU General Education or iGETC Pattern Units</b> .....	<b>37 - 39</b>
<b>CSU Transferable Electives</b> (as needed to reach 60 transferable units)* .....	<b>15 - 17</b>
<b>Total Degree units</b> .....	<b>60</b>

\* 13 units may be double counted toward both the major area of  
Consult with a counselor for more information.



# Geography

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**GEOG 001****Physical Geography**

*Course Advisory: Eligibility for ENGL 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 standard. 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. C-ID GEOG 111. *Three hours lab.*

**1.0 Units****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 ENGL 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 ENGL 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. C-ID GEOG 140. *Three lecture hours.*

**3.0 Units****GEOG 010****Introduction to Geographic Information Systems**

*Course Advisory: Eligibility for ENGL 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 course 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**

# Geology

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**GEOL 001****3.0 Units****Physical Geology**

*Course Advisory: Eligibility for ENGL 001 and SCC minimum Math standard.* An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. Online work may be required. C-ID GEOL 100. *Three hours lecture.*

**GEOL 002****1.0 Units****Geology Laboratory**

*Prerequisite: A minimum grade of C in either GEOL 001 or GEOL 005 (either course may be taken concurrently). Course Advisory: SCC minimum Math standard and Eligibility for ENGL 001.* Topics include the identification of rocks and minerals as hand specimen and the study of geologic maps, landforms, and structures. Field trips will be taken to areas of geologic interest. Laboratory projects, written assignments and reports, and examinations will be used to evaluate student success. C-ID GEOL 100L. *Three hours lab.*

**GEOL 005****3.0 Units****Geology of California**

*Course Advisory: GEOL 001 with minimum grade of C, Eligibility for ENGL 001 and SCC minimum math standard.* An introduction to the geology of California, including tectonic processes, geologic structures, physiographic provinces, local rocks and minerals, landforms, natural resources, geologic history, and natural hazards in the state. Field trip will be taken to areas of geologic interest. A field trip report will be required. If the student cannot attend the trip, they will have a make-up work. *Three hours lecture.*

**GEOL 010****3.0 Units****Introduction to Geographic Information Systems**

*Course Advisory: Eligibility for ENGL 001 and SCC minimum Math standards.* 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 course as GEOG 010. Not open to students who have completed GEOG 010. C-ID GEOL 155. *Three hours lecture.*

**GEOL 049****1.0 to 3.0 Units****Geology Honors**

*Prerequisite: Completion of 24 units of college credit with a minimum GPA of 3.0; completion of GEOL 001, GEOL 005, or GEOL 010 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 ENGL 001.* Requires students to engage in an independent student project. The project may be a laboratory or field study or a library study that leads to a thesis. In all cases, the final written product should show integration and synthesis of ideas. This project requires the approval of a faculty member sponsor. Students may take this course up to the maximum number of units over multiple semesters. *Three to nine hours by arrangement.*

# 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.

<b>REQUIRED COURSES</b> .....	<b>Units</b>
HIST 017 History of the United States to 1865 .....	3
HIST 018 History of the United States from 1865.....	3
Two courses from World History list .....	6
Two courses from the elective categories .....	6
<b>Total Units</b> .....	<b>18</b>

<b>World History:</b> (select two courses) .....	<b>Units</b>
HIST 002 World History to 1750 .....	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

### Electives selected 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

Any course from World History list not already used

#### III. Ethnicity and Gender Studies

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

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

*Course Advisory: Eligibility for ENGL 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. C-ID HIST 150. *Three hours lecture.*

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

*Course Advisory: Eligibility for ENGL 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 HIST 160. *Three hours lecture.*

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

*Course Advisory: Eligibility for ENGL 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 ENGL 001.* Survey of the history of western civilization from 1500 to the present. Emphasis will be on analyzing the major social, political, economic and cultural forces which have shaped modern European history. C-ID HIST 180. *Three hours lecture.*

**HIST 010 3.0 Units**  
**California History**

*Course Advisory: Eligibility for ENGL 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 ENGL 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 ENGL 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 ENGL 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.*

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

*Course Advisory: Eligibility for ENGL 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.*

# History

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**HIST 031**

**3.0 Units**

**Mexican American/Chicano History**

*Course Advisory: Eligibility for ENGL 001.* 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 ENGL 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

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## *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 certificates and degrees in six Ornamental Horticulture areas.

### **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
<b>Total Units .....</b>	<b>23</b>

This is a Gainful Employment Program. For additional information, please visit [http://www.solano.edu/gainful\\_employment/](http://www.solano.edu/gainful_employment/) and select "Horticulture Science."

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## ***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
<b>Total Units .....</b>	<b>10</b>

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



# Horticulture

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**HORT 006** **4.0 Units**  
**Identification and Ecology of Landscape Plant Materials**

*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** **3.0 Units**  
**Landscape Design I**

*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** **3.0 Units**  
**Landscape Design II**

*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** **3.0 Units**  
**Introduction to Horticulture**

*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** **3.0 Units**  
**Soils and Fertilizers**

*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** **4.0 Units**  
**Landscape Pest Control and Management**

*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** **3.0 Units**  
**Landscape Construction and Estimation**

*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** **3.0 Units**  
**Irrigation Principles**

*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

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**HORT 101** **2.0 Units**  
**Plant Propagation and Production**

*Course Advisory: HORT 050; SCC minimum English standard with a minimum grade of C.* Plant propagation and production practices with emphasis on vegetable crops, greenhouse and nursery operations including sexual and asexual reproduction, planting, transplanting, fertilizing, plant pest and disease control; structures and site layout; preparation and use of propagating and planting mediums; use and maintenance of common tools and equipment; regulations pertaining to plant production. *Two hours lecture, six hours lab. (8 week course)*

**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 and Landscape 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).*

# Humanities

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

**HUMN 003**

**3.0 Units**

**Journey In 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.*

# Human Services

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## 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 (listed in recommended 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
<b>Total Units .....</b>	<b>23</b>

### 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
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 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/](http://www.solano.edu/gainful_employment/) and select "Human Services."

# Human Services

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

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

**HS 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 ENGL 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 processes of group development are studied using both a conceptual and experiential approach. This course is intended to assist persons who will function as leaders in a variety of small group situations. *Three hours lecture.*

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

*Prerequisite: COUN 062. Course Advisory: Eligibility for ENGL 001 and SCC minimum Math standard.* An introductory course which acquaints students with 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

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## 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.

<b>REQUIRED COURSES</b> .....	<b>Units</b>
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
6 units from List A .....	6
<b>Total Units</b> .....	<b>42</b>

<b>List A</b> (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 090 Occupational Work Experience .....	1 - 8

This is a Gainful Employment Program. For additional information, please visit  
[http://www.solano.edu/gainful\\_employment/](http://www.solano.edu/gainful_employment/) and select "Mechatronics."



# Industrial Management

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**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 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 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. Students may take this course up to the maximum number of units over multiple semesters. *One to three hours lecture.*

**IT 130 1.0 Units**  
**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. *One hour lecture, one hour lab.*

**IT 132 1.0 Units**  
**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. *One hour lecture, one hour lab.*

**IT 134 1.0 Units**  
**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 Materials**

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

**IT 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.*

# Interdisciplinary Studies

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## 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; Arts and Humanities, Communication, Science and Quantitative Reasoning, Social Science or Wellness and Self Development.
- 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. Students will discern the relationship between personal perspective and evidence-based evaluation of information.
2. Students will discover the nature and common themes of the disciplines represented by an academic area of emphasis.
3. Students will 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.
2. Courses selected cannot also be used to fulfill GE areas.
3. Courses numbered 001-049 transfer to UC, CSU and most independent and out-of-state colleges. Courses numbered 050-099 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

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.

### REQUIRED COURSES

*Minimum 6 units from Arts*

*Minimum 6 units from Humanities*

*\*Maximum 3 units of credit for studio/performance courses*

**Total Units: Minimum of 18**

### 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*

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## **HUMANITIES**

ENGL 002, 006, 007, 012, 013, 014, 016, 018, 021, 023, 024, 025, 030, 031, 032, 033, 034, 035, 036, 037, 038, 040, 041, 044, 046, 047

FREN 001, 002, 003, 004, 011, 012, 031, 032

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

PHIL 003, 004

SPAN 001, 002, 003, 004, 011, 012, 025, 031, 032, 033, 034

## ***Communication***

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.

## **Required Courses**

*Minimum 3 units from each of three different disciplines*

**Total Units: Minimum of 18**

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

HS 054

JOUR 001, 002, 011, 060

PHIL 005

SPAN 001, 002, 003, 004, 025, 031, 032, 033, 034

SOCS 030, 051

TV 050, 060, 061

## ***Science and Quantitative Reasoning***

This emphasis is intended to involve inquiry into the physical universe and its life forms 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.

## **REQUIRED COURSES**

*Minimum 6 units from Science*

*Minimum 6 units from Quantitative Reasoning*

*\*Chemistry courses may be used as either Science or Quantitative reasoning but not in both.*

**Total Units: Minimum of 18**

# *Interdisciplinary Studies*

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## **SCIENCE**

ANTH 001  
ASTR 010, 020, 030, 040  
BIO 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

## **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***

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.

## **REQUIRED COURSES**

*Minimum 3 units from each of three different disciplines*

**Total Units: Minimum of 18**

ANTH 002, 007  
CDFS 038, 039, 040, 050, 052, 053, 070  
COMM 012  
COUN 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, 020, 024, 030, 034, 065  
SOCS 022, 023, 025, 027, 030, 051, 053  
SOC 001, 002, 023, 030, 040

# Interdisciplinary Studies

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## ***Wellness and Self Development***

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.

### **REQUIRED COURSES:**

*Minimum 6 units from Wellness*

*Minimum 6 units from Self Development*

*\*Maximum 3 units of credit for Physical Education activity and Athletics courses*

**Total Units: Minimum of 18**

### **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, 007F, 008A, 008B, 008C, 008F, 008G, 009A, 009B, 009C, 009E, 009F, 009G, 009H, 009P, 078

### **SELF DEVELOPMENT**

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

HS 051, 053, 054

CDFS 038, 039, 040, 053, 070

LR 001, 010, 011

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

SOCS 051

# *International Relations*

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**IR 001**

**3.0 Units**

**Global Interdependence**

*Course Advisory: Eligibility for ENG 001; PLSC 001; ENGL 062.* 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. Student who may benefit from the major are those anticipating careers in newspapers; television or film; photojournalism; layout, computer graphics or graphic design; advertising or public relations; or media management.

### Associate in Arts Degree

An Associate in Arts Degree can be obtained upon completion of 60 units, including the required core courses, program electives, and courses in one of four emphasis areas (a total of 24 units); and completion of the general education requirements and electives. 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
12 units of Program electives from Area I, Area II, and Area III.....	12
<b>Total Units .....</b>	<b>24</b>

*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
ART 007 Design-Color.....	3
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	
OCED 091 General Work Experience .....	1 - 6
JOUR 060 Publications Laboratory .....	2 - 3
MATH 011 * Elementary Statistics .....	4
OCED 090 Occupational Work Experience .....	1 - 8

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

# Journalism

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

<b>REQUIRED COURSES</b> .....	<b>Units</b>
JOUR 001 Newswriting and Reporting .....	3
JOUR 011 Introduction to Mass Communication.....	3
JOUR 060 Publications Laboratory .....	3
Minimum of 3 units from List A .....	3
Minimum of 6 units from List B .....	6-7

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

<b>List B</b> (select a minimum of 6 units): .....	<b>Units</b>
CIS 085 Digital Publishing with InDesign.....	3
COMM 006 Argumentation and Debate.....	3

ECON 001 Principles of Economics (Macroeconomics)..	3
OR	
ECON 002 Principles of Economics (Microeconomics) . .	3

MATH 011 Elementary Statistics .....	4
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<b>Required Major Total Units</b> .....	<b>18 - 19</b>
<b>CSU General Education or iGETC Pattern Units</b> .	<b>37 - 39</b>
<b>CSU Transferable Electives (as needed to reach 60 transferable units)*</b> .....	<b>11 - 14</b>
<b>Total Degree Units</b> .....	<b>60</b>

*\* 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.*

# Journalism

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**JOUR 001** **3.0 Units**  
**Newswriting & Reporting**

*Prerequisite: Eligibility for ENGL 001.* This course teaches the theory and practice of writing news stories for the media. The student learns effective writing and interviewing strategies, common story structures, grammar and style rules, libel and privacy laws. C-ID JOUR 110. *Three hours lecture.*

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

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

**JOUR 011** **3.0 Units**  
**Introduction to Mass Communication**

*Prerequisite: Eligibility for ENGL 001.* Study of the mass media including newspapers, magazines, radio, television, motion pictures and advertising which examines the standards, ethics, and rights of the media and the relationship of government and the public to the various media forms. Emphasis is on the functions, limitations, and responsibilities of the press, as well as the past, present and future impact on society and the individual. Attention will be given to theories of persuasion, the symbolic power and manipulation of images, and the relationship between information and knowledge. Essay examinations and critical papers are required. C-ID JOUR 100. *Three hours lecture.*

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

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

**JOUR 059** **1.0 Units**  
**News Media Laboratory**

*Course Advisory: Eligibility for ENGL 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 ENGL 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.*

**JOUR 061** **3.0 Units**  
**Publications Laboratory II**

*Prerequisite: JOUR 060 with a minimum grade of C.* Course advisory: Eligibility for ENGL 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. C-ID JOUR 131. *Seven hours lab, two hours activity.*

# Journalism

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**JOUR 062 2.0 to 3.0 Units**

**Publications Laboratory III**

*Prerequisite:* JOUR 061 with a minimum grade of C. 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.*

**JOUR 064 1.0 Units**

**Publications Portfolio**

*Prerequisite:* JOUR 062 with a minimum grade of C. *Course Advisory:* Eligibility for ENGL 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 withing the publications family. *Three hours lab.*

**JOUR 075 3.0 Units**

**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.*

**JOUR 099 1.0 to 3.0 Units**

**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 ENGL 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.*

# Kinesiology

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## Sports Medicine/Fitness Science

### 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 35-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 who complete the Sports Medicine/Fitness Science Associate Degree 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. Think critically and 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

KINE 020A Foundations of Physical Education .....	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
BIO 004 Human Anatomy .....	5
BIO 005 Introductory Physiology .....	5
CHEM 010 Intermediate Chemistry .....	4
NUTR 010 Nutrition .....	3
<b>Total Units .....</b>	<b>35</b>

### Recommended Electives

CHEM 011 Basic Organic Chemistry and Biochemistry  
 HED 002 Health Education  
 KINE 020V Introduction to Sports Science  
 MATH 011 Elementary Statistics  
 NURS 052 Pharmacology for Nursing  
 NURS 111 Medical Terminology

### Kinesiology / Athletics Activity Courses:

Aquatics:	KINE 001A, 002A, 002B	Racquet Sports:	KINE 008A, 008B
Team Sports:	KINE 009A, 009B, 009C, 009E, 009F, 009G, 009H	Fitness:	KINE 005C, 005G, 005J, 005K, 005M, 005N, 005P, 005Q, 006A, 006C, 006E, 006F



# Kinesiology

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

### Program Description

The Associate in Arts in Kinesiology 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 Associate in Arts in Kinesiology for Transfer degree prepares students to transfer into the CSU system and work in the sub-fields of Kinesiology. Students will learn about human functioning during sport and exercise, how exercise science and biomechanics is integrated into exercise program development, and observation and assessment of human performance. The Associate in Arts in Kinesiology for Transfer degree 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. Students are encouraged to meet with a counselor to develop their educational plans as degree options and general education requirements vary for each university.

### To earn the Associate in Arts in Kinesiology 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 Kinesiology for Transfer degree will be able to:

1. Use 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 CORE..... 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)....	3 - 4
Two courses from List A.....	7 -10

### Movement-based Courses

<b>Aquatics:</b> (maximum of one course).....	<b>Units</b>
KINE 002A Beginning Swimming .....	1 -1.5
KINE 002B Intermediate Swimming.....	1 -1.5
KINE 002D Swim for Fitness.....	1.5 -2

### **Combatives:** (maximum of one course)..... **Units**

KINE 003D Beginning Judo.....	1 -1.5
KINE 003E Intermediate Judo.....	1 -1.5

### **Dance:** (maximum of one course)..... **Units**

KINE 004J Beginning Ballroom Dance.....	1.5 -2
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### **Fitness:** (maximum of one course)..... **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

### **Individual Sports:** (maximum of one course)..... **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

### **Team Sports:** (maximum of one course)..... **Units**

KINE 009A Beginning Basketball .....	1 -1.5
KINE 009B Indoor/Outdoor Soccer.....	1 -1.5
KINE 009C Intermediate Soccer.....	1 -1.5
KINE 009F Beginning Baseball.....	1 -1.5
KINE 009G Softball .....	1 -1.5
KINE 009H Beginning Volleyball .....	1 -1.5
KINE 009P Intermediate Volleyball.....	1 -1.5



# Kinesiology

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<b>List A</b> (select two courses).....	<b>Units</b>
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
<b>Required Major Total Units</b> .....	<b>22 - 26</b>
<b>CSU General Education or IGETC Pattern Units</b> .....	<b>37 - 39</b>
<b>CSU Transferable Electives (as needed to reach</b>	
<b>60 transferable units)*</b> .....	<b>6 - 8</b>
<b>Total Degree Units</b> .....	<b>60</b>

*\* 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*

# Kinesiology

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## *Fitness Professional Job-Direct Certificate*

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

<b>REQUIRED COURSES</b> .....	<b>Units</b>
KINE 005J Beginning Body Conditioning .....	1
or	
KINE 005K Intermediate Body Conditioning .....	1
 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 units from the following list: * .....	5
<b>Total Units</b> .....	<b>17</b>

\* At least one activity course selected from four of the seven listed categories:

Aquatics:	KINE 002A, 002B, 002D	Combatives:	KINE 003A, 003D, 003E
Dance:	KINE 004A, 004B, 004C, 004D 004F, 004H, 004J 004K, 004N	Fitness:	KINE 005C, 005G, 005J, 005K, 005M, 005N, 005P, 006A, 006C, 006E, 006F, 078
Individual Sports:	007F	Racquet Sports:	KINE 008A, 008B, 008C, 008E, 008F
Team Sports:	KINE 009A, 009B, 009C, 009E, 009F, 009G, 009H, 009P		

# Kinesiology

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## 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 001A 2.0 Units**  
**Off-season Intercollegiate Volleyball**

*Course Advisory: High School and competitive experience.*  
A comprehensive course designed for the student athlete covering 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 non-traditional competition. Student-athletes interested in trying out for the Intercollegiate team in the fall should be enrolled in this course. *Repeatable 3 times. Six hours lab.*

**ATHL 002A 1.0 Units**  
**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 Units**  
**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 three times. Ten hours lab (9-week course).*

**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 three 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. *Repeatable three times. 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 010A 2.0 Units**  
**Pre-season Swimming & Diving**

A comprehensive course designed for the student athlete covering intercollegiate swimming and diving skills. The course includes the theories and analyses of stroke technique and racing and diving strategies, skill acquisition, development of fitness and conditioning and mental preparation for non-traditional competition. Student-athletes interested in trying out for the Intercollegiate team in the fall should be enrolled in this course. *Repeatable 3 times. Six 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 three times. Ten hours lab.*

# Kinesiology

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**ATHL 016A 1.0 Units**  
**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 three times. Ten hours lab. (12-week course).*

**ATHL 016B 1.0 Units**  
**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 three times. Ten hours lab (9-week course).*

**ATHL 022 2.5 Units**  
**Intercollegiate Tennis**

*Advisory: SCC minimum English and Math standards.* 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. *Day and/or overnight travel will be required. Nine and one half hours lab.*

## Health Education

**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

**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. *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. *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. *One hour lecture, one or two hours activity.*

# Kinesiology

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**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. *One-half hour lecture, one and one-half hours 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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

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

*Prerequisite: KINE 003D. 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. *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. *One hour lecture, one or two hours activity.*

**KINE 004B 1.5 to 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. *One hour lecture, one or two hours activity.*

**KINE 004C 1.5 to 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. *One hour lecture, one hour or two hours activity.*

**KINE 004D 1.5 to 2.0 Units**  
**Jazz Dance Technique**

*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. *One hour lecture, one to two hours activity.*



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**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. *One hour lecture, seven hours lab, one hour by arrangement.*

**KINE 004F 1.5 to 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. *One hour lecture, one to 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. *One hour lecture, three hours activity.*

**KINE 004H 1.5 to 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. *One hour of lecture, one or two hours of activity.*

**KINE 004J 1.5 to 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. *One hour lecture, one or two hours activity.*

**KINE 004K 1.5 to 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. *One hour lecture, one or two hours activity.*

**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. *One-half hour lecture, two and one-half to three hours activity.*



# Kinesiology

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**KINE 004N 1.5 to 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. *One hour lecture, one or two hours activity.*

**KINE 004P 1.5 to 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. *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. *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. *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. *One hour lecture, one and one-half to two hours activity.*

**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. *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. *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. *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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

# Kinesiology

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**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. *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. *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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

**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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

**KINE 005Q 1.0 to 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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

**KINE 005R 1.0 to 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. *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. *One-half hour lecture, one and one-half to 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. *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. *One hour lecture, one and one-half or three hours activity.*

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**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. *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. *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. *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. *One-half hour lecture, one and one-half to two and one-half hours activity.*

**KINE 008D 1.0 Units**  
**Advanced Tennis**

*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 activity.*

**KINE 008E 1.0 or 1.5 Units**  
**Beginning Badminton**

*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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

**KINE 008F 1.0 to 1.5 Units**  
**Intermediate Badminton**

*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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

**KINE 009A 1.0 or 1.5 Units**  
**Beginning Basketball**

*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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

**KINE 009B 1.0 or 1.5 Units**  
**Indoor/Outdoor Soccer**

*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. *One-half hour lecture, one and one-half or two and one-half hours activity.*

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**KINE 009C 1.0 or 1.5 Units**  
**Intermediate Soccer**

*Prerequisite: KINE 0098B 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. One-half hour lecture, one and one-half or two and one-half hours activity.*

**KINE 009E 1.0 or 1.5 Units**  
**Intermediate Basketball**

*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. One half hour lecture, one and one-half or two and one-half hours activity..*

**KINE 009F 1.0 or 1.5 Units**  
**Beginning Baseball**

*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. One-half hour lecture, one and one-half or two and one-half hours activity.*

**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. 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. 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. 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. 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. One hour lecture, two hours activity.*



# Kinesiology

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**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. *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. *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. *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. *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. *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. *One hour lecture, two hours activity.*

**KINE 020Q 1.5 to 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. *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. *One hour lecture, one to two hours activity.*

# Kinesiology

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**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. 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. *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. *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. *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. *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. *One and one-half hours lecture, four and one-half hours lab.*

**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.*



# Kinesiology

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**KINE 071**

**0.5 to 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. *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. *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. *One hour lecture, three hours activity.*

# Learning Resources

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**LR 010**

**Intro to Library Research and Information Competency**

*Course Advisory: SCC minimum Math standards.* An introduction to Information Competency skills necessary to use research tools and to select, locate, retrieve and evaluate information. *One hour lecture.*

**1.0 Units**

**LR 011**

**Internet Explored: Advanced Information Competency**

*Course Advisory: Eligibility for ENGL 001, Computer literacy (familiarity with basic computer functions).* An advanced information competency course evaluating information and exploring information technology in society including Internet, World Wide Web, search engines (e.g., Google, Ask, Live), retrieval systems, and electronic publishing. *One and one-half hours lecture.*

**1.5 Units**

# Learning Skills

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**LS 102 3.0 Units**  
**Learning Skills Strategies**

*Course Advisory: SCC minimum English and Math standards.* Enrollment in other college courses recommended as strategies are applied to curricular materials. Helps the student with cognitive learning and processing disabilities that is planning to transfer to a 4-year school. The student will learn to analyze, compare, think critically and select effective learning strategies to help them access college curricular materials. Throughout the semester, students will learn to develop their self-understanding and ability to advocate for effective accommodations in academic, work, and social settings. *Two hours lecture, three hours activity.*

**LS 301B 1.0 Units**  
**Reading Strategies**

*Course Advisory: SCC minimum English and Math standards.* Enrollment in other classes is strongly recommended as strategies are applied to curricular materials. This course is one in a series of four that helps students with cognitive processing disabilities. This course focuses on strategies specific to reading needs. Students will learn to apply paraphrasing, questioning, pre-reading, vocabulary, and other strategies to help with their processing deficits. This is a Pass/No Pass only course. *Two hours lecture, one hour activity (8-week course).*

**LS 306A 3.0 Units**  
**Spelling Strategies**

Emphasizes special spelling techniques, computer-assisted instruction, and assistive-device instruction to help the student compensate for a specific spelling disabilities impacting his/her college courses. Covers phoneme awareness, morphograph analysis, and beginning rule applications to affixes and base words. The students also begin to learn compensatory strategies. This is a Pass/No Pass only course. *Three hours lecture.*

**LS 306B 3.0 Units**  
**Spelling Strategies**

*Prerequisite: LS 306A.* Spelling strategies for students with learning disabilities emphasizes special spelling techniques, computer-assisted instruction, and assistive-device instruction to help the student compensate for specific spelling disabilities impacting his/her college courses. 306B will continue with additional morphograph analysis, new rule applications, and concentration on compensatory strategies, greater emphasis on written application. This is a Pass/No Pass only course. *Three hours lecture.*