

ACCOUNTING

Program Description

In recent years, accounting has been one of the fastest growing professions, and the monetary rewards for the individual just entering the field and those achieving corporate positions are among the highest. Accountants deal with the financial condition of a company, an individual, or an organization. An accountant is an analyst who is employed because of expertise in financial matters.

Associate in Science Degree

A Certificate of Achievement can be obtained upon completion of the 29-unit major with a grade of C (2.0) or better in each course. The Associate of Science Degree can be obtained upon completion of a total of 60 units, including the required courses in 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (29 Units)	ACCT 001	Principles of Accounting – Financial	4.0				X*	X	X*
	ACCT 002#	Principles of Accounting – Managerial	4.0				X	X*	X
	ACCT 050#	Computer Accounting	3.0					X*	
	ACCT 176#	Intermediate Accounting	3.0					X*	X*
	ACCT 177#	Cost Accounting	3.0					X*	
	ACCT 183	Principles of Income Tax	3.0					X*	
	CIS 001	Introduction to Computer Science	3.0	D4			X	X*	X*
	OR								
	CIS 050	Microcomputer Applications	3.0				X*	X*	X*
	CIS 066	Microsoft Word	3.0				X	X*	X*
CIS 073	Microsoft Excel	3.0				X*	X*	X*	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Account Clerk Job-Direct Certificate

All courses in the major must be completed with a grade of C or better

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Courses (8.5 Units)	ACCT 180	Introduction to Accounting	3.0						
	BUS 100	Work Readiness	1.5					X	X
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
	OT 162	Ten-Key	1.0					X	X

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MySolano Class finder allows you to:

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AERONAUTICS – AIRFRAME MAINTENANCE TECHNICIAN

Program Description

Practical and theoretical knowledge in basic maintenance techniques, plus the special requirements of either airframe or powerplant work. Upon satisfactory completion of the required courses, the student is eligible to take the Federal Aviation Administration written oral and practical examination for airframe or powerplant license.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of one of the 41-unit majors listed below. An Associate of Science Degree can be obtained upon completion of the units required for the major in either Airframe or Powerplant or Airframe and Powerplant and general education requirements.

The Federal Aviation Administration (FAA) requires 1900 hours (four full semesters and one four week summer session) of instruction to complete the combination airframe and powerplant curriculum. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (41 Units)	AERO 055	Aviation Maintenance Technician General I	10.0					X	
	AERO 102	Airframe Maintenance I	10.0					X	
	AERO 103	Aviation Maintenance Technician General II	10.0						
	AERO 105	Airframe Maintenance II	10.0						X
	AERO 118	FAA Airframe Test Review & Qualification	1.0						X
To obtain the combination Airframe & Powerplant Maintenance Technician certificate or degree, also complete the three courses listed below									
(21 Units)	AERO 106	Powerplant Maintenance I	10.0					X	
	AERO 107	Powerplant Maintenance II	10.0						X
	AERO 119	FAA Powerplant Test Review & Qualification	1.0						X

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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AERONAUTICS – POWERPLANT MAINTENANCE TECHNICIAN

Program Description

Practical and theoretical knowledge in basic maintenance techniques, plus the special requirements of either airframe or powerplant work. Upon satisfactory completion of the required courses, the student is eligible to take the Federal Aviation Administration written oral and practical examination for airframe or powerplant license.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of one of the 41-unit majors listed below. An Associate of Science Degree can be obtained upon completion of the units required for the major in either Airframe or Powerplant or Airframe and Powerplant and general education requirements.

The Federal Aviation Administration (FAA) requires 1900 hours (four full semesters and one four week summer session) of instruction to complete the combination airframe and powerplant curriculum. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
Required Core (41 Units)	AERO 055	Aviation Maintenance Technician General I	10.0					X	
	AERO 103	Aviation Maintenance Technician General II	10.0						
	AERO 106	Powerplant Maintenance I	10.0					X	
	AERO 107	Powerplant Maintenance II	10.0						X
	AERO 119	FAA Powerplant Test Review & Qualification	1.0						X
To obtain the combination Airframe & Powerplant Maintenance Technician certificate or degree, also complete the three courses listed below									
(21 Units)	AERO 102	Airframe Maintenance I	10.0					X	
	AERO 105	Airframe Maintenance II	10.0						X
	AERO 118	FAA Airframe Test Review & Qualification	1.0						X

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Courses offered that are not in AERO Degrees

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
	AERO 150	FAA Special Projects and Course Enhancement	0.5-1.5					X	X
	AERO 151	FAA Special Projects – Powerplant Enhancement	1.0					X	X

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ANTHROPOLOGY – ASSOCIATE IN ARTS IN ANTHROPOLOGY FOR TRANSFER

Program Description

This program emphasizes the development and diversity of, and adaptations in, human behavior and biology. Students in this program may study a variety of anthropological subfields, including Physical, Cultural, and Archaeology. In addition to acting as path for successful transfer to an institution offering a baccalaureate degree in Anthropology, the Associate in Arts in Anthropology for Transfer Degree provides students pursuing any baccalaureate degree with basic skills in critical analysis, application of the scientific method, and cross-cultural understanding.

Associate in Arts in Anthropology for Transfer Degree

Upon completion of the Associate in Arts in Anthropology for Transfer Degree, students will be prepared to transfer to a CSU undergraduate Anthropology program. The Associate in Arts in Anthropology for Transfer Degree will facilitate successful transfer to the CSU system, allowing students to complete baccalaureate degrees in a more timely fashion.

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

- Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements (37-39 units) (5.5-21 CSU Transferable Electives)
 - A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (19-26.5 units)
- Obtain a minimum grade point average of 2.0.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (19-26.5 Units)	ANTH 001	Physical Anthropology	3.0	A	5B	B2	X	X*	X*
	ANTH 002	Cultural Anthropology	3.0	B2	4A	D1	X	X*	X*
	ANTH 007	Archaeology	3.0	B2	4A	D1		X	
	Select four units from List A		4.0						
	Select three to five units from List B		3.0-5.0						
	Select three units from List C		3.0						
List A (select a minimum of 4 units)	ANTH 001L#	Physical Anthropology Laboratory	1.5				X	X	X
	MATH 011	Elementary Statistics	4.0	D3	2	B4	X*	X*	X*
List B (select 3-5 units)	BIO 004	Human Anatomy	5.0	A	5B	B2	X*	X	X*
	GEOL 001	Physical Geology	3.0	A	5A	B1	X	X	X
	GEOL 002	Geology Laboratory	1.0		5C	B3	X	X	X
	GEOL 010	Introduction to Geographic Information Systems	3.0					X*	
	PSYC 004	Research Methods in Behavioral Science	3.0	B2	4I	D9		X*	X
List C (select 3 units)	COMM 012	Intercultural Communication	3.0	E	4G, SCC	D3, D7, SCC		X	
	SOC 001	Introduction to Sociology	3.0	B2	4J	D0	X*	X*	X*
	GEOG 002	Cultural Geography	3.0	B2	4E	D5			X

Suggested 2-Year Pathway			
Year 1		Year 2	
Fall	Spring	Fall	Spring
		ANTH 007	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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ART

Associate of Arts Degree

The Associate of Arts Degree can be obtained upon completion of 60 units, including the courses in the 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.

Art – Two-Dimensional Program Description

Students earning an Associate Degree in Art—Two-Dimensional will also qualify for the Studio Arts for Transfer Degree (AA-T). However, the Art—Two-Dimensional degree is more rigorous than the AA-T degree, and provides a deeper foundation for student artists. These programs are designed to develop visual skills in a variety of art media.

Art – Three-Dimensional Program Description

Students completing the requirements for the associates degree in Art—Three-Dimensional will also meet requirements for the Studio Arts AA-T degree. Art—Three-Dimensional is a more rigorous program, giving student artists a deeper foundation for further study and artistic practice.

Art History Program Description

This program provides the academic and practical experience to prepare students for a career, or further education at a four year institution, in art history and related fields. By completing this program, students will also complete the requirements for the A.A.-T degree in Art History. However, this program is more rigorous than the A.A.-T degree, providing a broader founder for the Art History student.

Associate in Arts in Art History for Transfer Program Description

See Associate in Arts in Art History for Transfer page.



Associate in Arts in Studio Arts for Transfer Program Description

See Associate in Arts in Studio Arts for Transfer page.

Graphic Design & Illustration Program Description

This program provides the student with sufficient academic and practical experience for entrance into the job market as a graphic artist, or for study towards the B.A. in college or professional school.



Pictured on this page, clockwise: Typography by student Jen Gonzales; critique in a life drawing class; art by student Jared Boston.

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ART-Two-Dimensional

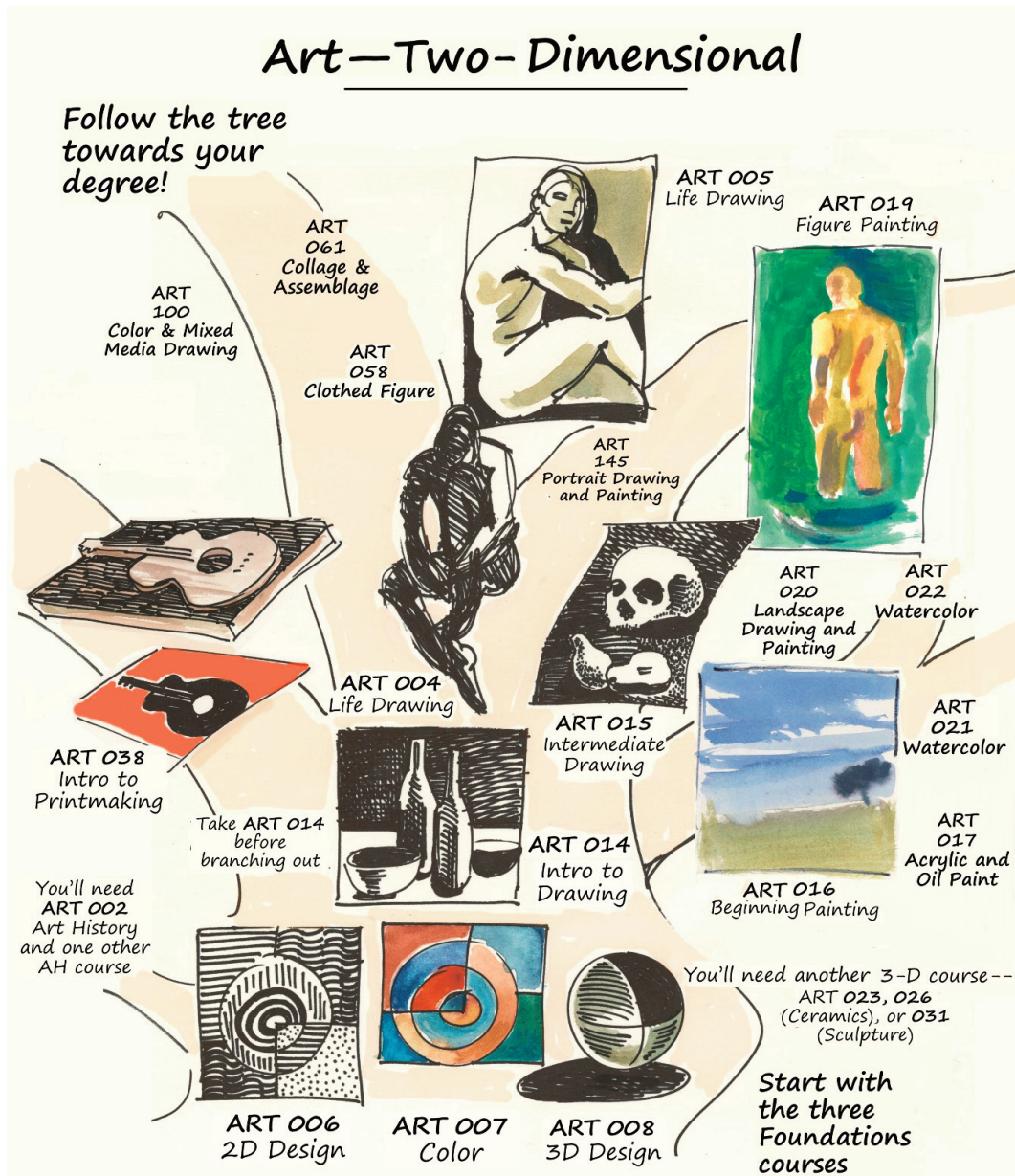
Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (21 Units)	Foundation Component								
	ART 006	Design Principles in 2-Dimensions	3.0					X	X
	ART 007	Design-Color	3.0					X	X
	ART 008	Design Principles in 3-Dimensions	3.0					X	
	Drawing Component								
	ART 004	Life Drawing	3.0					X	
	ART 014	Introduction to Drawing	3.0				X*	X*	X*
	Art History Component (Select 6 units)								
	ART 002	Art History	3.0	C	3A	C1	X*	X*	X*
	<i>AND</i>								
	ART 001	Art History	3.0	C	3A	C1	X	X*	X*
	<i>OR</i>								
	ART 003A	Arts of Asia	3.0	C	3A	C1			X*
	ART 003B	Arts of Africa, Oceania, and the Americas	3.0	C	3A	C1			X*
	ART 011	Survey of Modern Art	3.0	C	3A	C1			X
	<i>OR</i>								
	ART 012	Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3.0	C,E	3A, SCC	C1, SCC			X*
	One course from List A – Painting Component			3.0					
One course from List B – 2D Emphasis Component			2.0-3.0						
One course from List C – Three-Dimensional Component			3.0						
List A (3 Units)	Painting Component (Select one course)								
	ART 016	Beginning Painting	3.0				X	X	X
	ART 017	Acrylic and Oil Painting	3.0					X*	X
	ART 021	Watercolor	3.0					X	
List B (3 Units)	2D Emphasis Component (Select one course)								
	ART 005#	Life Drawing	3.0					X	
	ART 015	Intermediate Drawing	3.0						X
	ART 018#	Advanced Intermediate Painting: Acrylic and Oil Painting	3.0					X	X
	ART 019	Figure Painting	3.0						X
	ART 020	Landscape Drawing and Painting – Reflections of Nature	2.0-3.0					X	X
	ART 022#	Watercolor	3.0					X	
	ART 038	Introduction to Printmaking	3.0						
	ART 058	Clothed Figure	3.0						X
	ART 061	Collage & Assemblage	3.0						
	ART 100	Color and Mixed Media Drawing	2.0-3.0						
ART 145	Portrait Drawing and Painting	2.0-3.0							
List C (3 Units)	Three Dimensional Component (Select one course)								
	ART 023	Introduction to Ceramics: Hand Building	3.0				X	X	X*
	ART 026	Introduction to Ceramics: Wheel Throwing Techniques	3.0				X	X*	X
	ART 031	Sculpture	3.0						

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ART-Two-Dimensional

Suggested 2-Year Major-Course-Pathway – 2D

Year 1		Year 2	
Fall	Spring	Fall	Spring
ART 006 – 2-D Design	ART 014 – Intro to Drawing	ART 004 – Life Drawing	ART 015, 019, or 058
ART 007 – Color	ART 016 or ART 017	ART 018, 020 or 021	
ART 022, 061, 100, or 145			
	ART 023 or 026 (Ceramics) or ART 031 (Sculpture)	ART 038 – Intro to Printmaking ART 008 – 3-D Design	
ART 001, 003A, or 003B	ART 002 – Art History	ART 011 or 012	



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ART-Three-Dimensional

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (24 Units)	Foundation Component								
	ART 006	Design Principles in 2-Dimensions	3.0					X	X
	ART 007	Design-Color	3.0					X	X
	ART 008	Design Principles in 3-Dimensions	3.0					X	
	Sculpture Component								
	ART 031	Sculpture	3.0						
	ART 032	Sculpture: Human Figure	3.0						
	Art History Component (Select 6 units)								
	ART 002	Art History	3.0	C	3A	C1	X*	X*	X*
	<i>AND</i>								
	ART 001	Art History	3.0	C	3A	C1	X	X*	X*
	<i>OR</i>								
	ART 003A	Arts of Asia	3.0	C	3A	C1			X*
	ART 003B	Arts of Africa, Oceania, and the Americas	3.0	C	3A	C1			X*
	ART 011	Survey of Modern Art	3.0	C	3A	C1			X
	<i>OR</i>								
	ART 012	Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3.0	C,E	3A, SCC	C1, SCC			X*
	Drawing Component								
ART 014	Introduction to Drawing	3.0					X		
One course from List A – Ceramics Component			3.0						
One course from List B – Emphasis Component			2.0-3.0						
One course from List C – Professionalism Component			3.0						
List A (3 Units)	Ceramics Component (Select one course)								
	ART 023	Introduction to Ceramics: Hand Building	3.0				X	X*	X*
	ART 024#	Intermediate Ceramics: Hand Building	3.0				X	X*	X*
	ART 025#	Ceramic Design And Decoration: Hand Building Methods	3.0				X	X*	X*
	ART 026	Introduction to Ceramics: Wheel Throwing Techniques	3.0				X	X*	X*
	ART 027#	Intermediate Ceramics: Wheel Throwing Techniques	3.0				X	X*	X*
	ART 028#	Ceramic Design: Wheel Throwing Techniques	3.0				X	X*	X*
List B (2-3 Units)	Emphasis Component (Select one course)								
	ART 029	Raku Pottery	2.0-3.0						X
	ART 030A	Architectural Ceramics, Murals and Tiles	2.0-3.0						
	ART 033#	Intermediate Sculpture	2.0-3.0						X
	ART 034	Ceramic Sculpture	2.0-3.0						X
	ART 035A	Introduction to Wood-Fired Ceramics	2.0-3.0					X	
	ART 036	Ceramic Surfaces – Drawing and Painting on Clay	2.0-3.0						X*
	ART 037#	Clay and Glazes for the Ceramic Artist	2.0-3.0						X*
ART 074	Kiln Design and Operation	2.0-3.0							
List C (3 Units)	Professionalism Component (Select one course)								
	ART 076A	Portfolio Development – Artistic Inquiry	3.0						
	ART 076B	Portfolio Development: Documentation	3.0						
	ART 077A	Professional Practices for Artists	3.0						
	ART 077B	Art on Site	3.0						

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ART – ART HISTORY

Suggested 2-Year Major-Course-Pathway - 3D

Year 1		Year 2	
Fall	Spring	Fall	Spring
ART 006 – 2-D Design	ART 014 –Intro to Drawing	ART 007 – Color	ART 032 – Sculpture- Figure
	ART 023 or 026 (Ceramics)	ART 024, 027, or 35A	ART 025, 028, 029, 030, 036, 037, or 074
ART 008 –3-D Design	ART 031 (Sculpture)	ART 034	ART 033
ART 001, 003A, or 003B	ART 002 –Art History	ART 011 or 012	ART 076A, 076B, 077A, or 077B

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (9 Units)	ART 001	Art History	3.0	C	3A	C1	X	X*	X*
	ART 002	Art History	3.0	C	3A	C1	X*	X*	X*
	ART 014	Introduction to Drawing	3.0				X*	X*	X*
	Both Classes from List A: Non-Western Art History		6.0						
	Select one class from List B: Modern, Contemporary, & Theory		3.0						
	Select one class from List C: Studio Art: Principles of Design		3.0						
Select one class from List D: Diverse Media		3-3.0							
List A (6 Units)	Non-Western Art History (both classes required)								
	ART 003A	Arts of Asia	3.0	C	3A	C1			X*
	ART 003B	Arts of Africa, Oceania, and the Americas	3.0	C	3A	C1			X*
List B (3 Units)	Modern, Contemporary, and Theory (Select one course)								
	ART 011	Survey of Modern Art	3.0	C	3A	C1			X
	ART 012	Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3.0	C,E	3A, SCC	C1, SCC		X*	
List C (3 Units)	Studio Art; Principles of Design (Select one course)								
	ART 006	Design Principles in 2-Dimensions	3.0					X	X
	ART 007	Design-Color	3.0					X	X
	ART 008	Design Principles in 3-Dimensions	3.0					X	
List D (2-3 Units)	Diverse Media (Select one course)								
	ART 023	Introduction to Ceramics: Hand Building	3.0				X	X*	X*
	ART 026	Introduction to Ceramics: Wheel Throwing Techniques	3.0				X	X*	X*
	ART 030A	Architectural Ceramics, Murals and Tiles	2-3.0						
	ART 030B	Mural Painting: History, Community, Practice	3.0	C		C1	X		
	ART 038	Introduction to Printmaking	3.0						
	ART 045A	Graphic Design I	3.0					X*	X*
	PHOT 030	Beginning Photography	3.0					X*	X*
PHOT 070	Beginning Digital Photography	3.0				X	X*	X*	

Suggested 2-Year Major-Course-Pathway – Art History

Year 1		Year 2	
Fall	Spring	Fall	Spring
ART 006, 007, or 008 (Studio Art)	ART 014 –Intro to Drawing	ART 023, 026, 030A or B	ART 038, 045A, PHOT 030 or 70
ART 001—Art History	ART 002—Art History	ART 012 –Diverse Artists	ART 011—Modern Art
	ART 003A—Arts of Asia	(Recommended: foreign language, history, or anthropology)	ART 003B—Arts of Africa, Oceania, and the Americas

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ART– Associate in Arts in Art History for Transfer

Program Description

This program provides the academic and practical experience to prepare students for a career, or further education at a four year institution, in art history and related fields, such as museum studies, art education and administration. The Associate in Arts in Art History for Transfer provides the academic and practical experience to transfer into the CSU system to complete a baccalaureate degree that will prepare students for a career in the Art History industry.

Associate in Arts in Art History for Transfer

The Associate in Arts in Art History for Transfer degree is especially designed for students who plan to complete a bachelor's degree in Art History at a CSU campus. Students completing an Associate in Arts in Art History 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 Art History for Transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. Associate in Arts in Art History for Transfer degree also prepares students for art history degree programs at CSU institutions, but does not come with the same guarantees. 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 Art History for Transfer degree, students must:

- Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (37-39 units) + (4.5-7.5 transferable elective units)
 - A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (18.5-19 units)
- Obtain a minimum grade point average of 2.0.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Major Total (18 Units)	ART 001	Art History	3.0	C	3A	C1	X*	X*	X*
	ART 002	Art History	3.0	C	3A	C1	X*	X*	X*
	ART 014	Introduction to Drawing	3.0				X*	X*	X*
	Select 3 units from List A		3.0						
	Select 3 units from List B		3.0						
	Select 3 units from List C		3.0						
List A	Non-Western Art History (Select 3 units)								
	ART 003A	Arts of Asia	3.0	C	3A	C1			X*
	ART 003B	Arts of Africa, Oceania, and the Americas	3.0	C	3A	C1			X*
List B	Modern, Contemporary, and Theory (Select 3 units)								
	ART 011	Survey of Modern Art	3.0	C	3A	C1			X
	ART 012	Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3.0	C,E	3A, SCC	C1, SCC		X*	
List C	Studio Art (Select minimum 3 units)								
	ART 004	Life Drawing	3.0					X	
	ART 006	Design Principles in 2-Dimensions	3.0					X	X
	ART 007	Design-Color	3.0					X	X
	ART 008	Design Principles in 3-Dimensions	3.0					X	
	ART 016	Beginning Painting	3.0				X	X	X
	ART 019	Figure Painting	3.0						X
	ART 023	Introduction to Ceramics: Hand Building	3.0				X	X*	X*
	ART 026	Introduction to Ceramics: Wheel Throwing Techniques	3.0				X	X*	X*
	ART 031	Sculpture	3.0						
	ART 032	Sculpture: Human Figure	3.0						
	ART 038	Introduction to Printmaking	3.0						
	ART 039	Etching and Engraving: Line Techniques	3.0						
	ART 043	Printmaking: Relief Printing. Including Woodcut	3.0						
	ART 045A	Graphic Design I	3.0					X*	X*
PHOT 030	Beginning Photography	3.0					X*	X*	

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ART – ASSOCIATE IN ARTS IN ART HISTORY FOR TRANSFER

Suggested 2-Year Major-Course-Pathway – Art History AA-T			
Year 1		Year 2	
Fall	Spring	Fall	Spring
ART 006, 007, or 008 (Studio Art)	ART 014 – Intro to Drawing	ART 004, 016, 019, 023, 026, 031, 032, 038, 039, 043, or 045A, or PHOT 030	(Recommended: more studio art classes)
ART 001 – Art History	ART 002 – Art History	ART 012 –Diverse Artists	ART 011 – Modern Art
Recommended: foreign language, history, or anthropology)	ART 003A – Arts of Asia	(Recommended: foreign language, history, or anthropology)	ART 003B – Arts of Africa, Oceania and the Americas

ART – GRAPHIC DESIGN & ILLUSTRATION

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Major Total (27 Units)	ART 004	Life Drawing	3.0					X	
	OR								
	ART 015	Intermediate Drawing	3.0						X
	ART 006	Design Principles in 2-Dimensions	3.0					X	X
	ART 007	Design-Color	3.0					X	X
	ART 014	Introduction to Drawing	3.0				X*	X*	X*
	ART 045C (formerly ART 052)	Typography (formerly Lettering and Layout)	3.0					X	X
	ART 046 (formerly ART 054)	Illustration I	3.0					X	X
	ART 046C# (formerly ART 055)	Illustration II	3.0					X	X
ART 045A (formerly ART 056)	Graphic Design I	3.0					X*	X*	
ART 045B# (formerly ART 057)	Graphic Design II	3.0					X*	X*	

Suggested 2-Year Major-Course-Pathway – Graphic Design			
Year 1		Year 2	
Fall	Spring	Fall	Spring
ART 006 – 2-D Design	ART 014 – ntro to Drawing	ART 004 or 015	(Recommended: ART 005, 038, or 032)
ART 007 – Color (Recommended: ART 008)	ART 045A – Graphic Design I (Recommended: ART 002)	ART 045B – Graphic Design II	ART 045C – Typography
		ART 046 – Illustration I	ART 046C – Illustration II

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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ART – ASSOCIATE IN ARTS IN STUDIO ARTS FOR TRANSFER

Program Description

This program provides the academic and practical experience to prepare students for a career, or further education at a four year institution, in art history and related fields, such as museum studies, art education and administration. The Associate in Arts in Art History for Transfer provides the academic and practical experience to transfer into the CSU system to complete a baccalaureate degree that will prepare students for a career in the Art History industry.

Associate in Arts in Art History for Transfer

The Associate in Arts in Art History for Transfer degree is especially designed for students who plan to complete a bachelor's degree in Art History at a CSU campus. Students completing an Associate in Arts in Art History 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 Art History for Transfer degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree. Associate in Arts in Art History for Transfer degree also prepares students for art history degree programs at CSU institutions, but does not come with the same guarantees. 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 Art History for Transfer degree, students must:

- Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (37-39 units) + (4.5-7.5 transferable elective units)
 - A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (18.5-19 units)
- Obtain a minimum grade point average of 2.0.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Major Total (26 Units)	ART 002	Art History	3.0	C	3A	C1	X*	X*	X*
	ART 006	Design Principles in 2-Dimensions	3.0					X	X
	ART 008	Design Principles in 3-Dimensions	3.0					X	
	ART 014	Introduction to Drawing	3.0				X*	X*	X*
	Select 3 units from List A		3.0						
	Select 3 units from List B		9.0						
List A (Select 3 units)	ART 001	Art History	3.0	C	3A	C1	X	X*	X*
	ART 003A	Arts of Asia	3.0	C	3A	C1			X*
	ART 003B	Arts of Africa, Oceania, and the Americas	3.0	C	3A	C1			X*
	ART 011	Survey of Modern Art	3.0	C	3A	C1			X
	ART 012	Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3.0	C,E	3A, SCC	C1, SCC		X*	
List B (Select a minimum of 9 units)	ART 004	Life Drawing	3.0					X	
	ART 005#	Life Drawing	3.0					X	
	ART 007	Design-Color	3.0					X	X
	ART 015	Intermediate Drawing	3.0						X
	ART 016	Beginning Painting	3.0				X	X	X
	ART 017	Acrylic and Oil Painting	3.0					X*	X
	ART 018#	Acrylic and Oil Painting	3.0					X*	X
	ART 019	Figure painting	3.0						X
	ART 021	Watercolor	3.0					X	
	ART 022#	Watercolor	3.0					X	
	ART 023	Introduction to Ceramics: Hand Building	3.0				X	X*	X*
	ART 026	Introduction to Ceramics: Wheel Throwing Techniques	3.0				X	X*	X*
	ART 031	Sculpture	3.0						
	ART 032	Sculpture: Human Figure	3.0						

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ART – ASSOCIATE IN ARTS IN STUDIO ARTS FOR TRANSFER

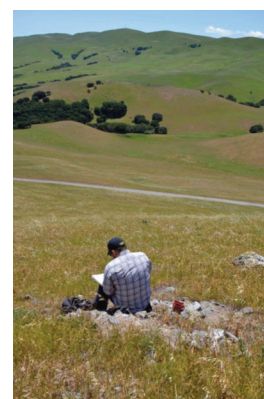
Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	ART 034	Ceramic Sculpture	3.0						X
	ART 038	Introduction to Printmaking	3.0						
	ART 039	Etching and Engraving: Line Techniques	3.0						
	ART 041	Etching and Engraving: Color	3.0						
	ART 043	Printmaking: Relief Printing, Including Woodcut	3.0						
	ART 052	Lettering and Layout	3.0					X	X
	ART 045A	Graphic Design I	3.0					X*	X*

Suggested 2-Year Major-Course-Pathway – Studio Arts AA-T			
Year 1		Year 2	
Fall	Spring	Fall	Spring
ART 006 – 2-D Design	ART 014 – Intro to Drawing	ART 004 – Life Drawing	ART 005, 015, 019, or 032
ART 007 – Color	ART 016 or ART 017	ART 018, 020 or 021	ART 022
ART 008 – 3-D Design	ART 023 or 026 (Ceramics) or ART 031 or 034 (Sculpture)	ART 038 or 045A or PHOT 030	ART 039, 041, 043, or 045C
ART 001, 003A, or 003B	ART 002 – Art History	ART 011 or 012	(Any additional studio course)

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Courses offered that are not in ART Degrees									
Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	ART 010	Art Appreciation	3.0	C	3A	C1	X*	X*	X*
	ART 042	Screen Printing	3.0					X*	
	ART 060	Exhibition Design	1.0-3.0						X
	ART 064	Monotype/Monoprint	3.0						X*
	ART 065	Book Making	3.0				X		
	ART 066A	Travel Study-Topics in Studio Art	2.0				X		
	ART 066B	Travel Study-Topics in Art History	1.0-3.0				X		

Pictured on this page, left to right: figure sculpture; wood-fired kiln in action; landscape drawing.



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ATHLETICS

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	ATHL 001	Women's Volleyball (Fall)	2.0					X	
	ATHL 002A	Women's Basketball (Fall)	1.0					X	
	ATHL 002B	Women's Basketball (Spring)	1.0						X
	ATHL 003	Women's Softball (Spring)	2.0						X
	ATHL 004	Women's Soccer (Fall)	2.0					X	
	ATHL 010	Men'/Women's Swimming (Spring)	1.0-2.0						X
	ATHL 015	Men's Baseball (Spring)	2.0						X
	ATHL 016A	Men's Basketball (Fall)	1.0					X	
	ATHL 016B	Men's Basketball (Spring)	1.0						X

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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AUTOMOTIVE – AUTOMOTIVE BODY AND REPAIR

Program Description

This program is designed to prepare the student for employment as a body repair and paint apprentice in privately owned repair shops or automotive dealerships. A student could be self-employed from the training after completing the program.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained by completing the 46-unit major below. The Associate of Science Degree can be obtained by completing 67 units, including the major and the general education requirements. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (46 Units)	AUTB 100	Fundamentals of Auto Body Repair	10.0					X	X
	AUTB 101#	Spray Paint Theory and Techniques	10.0					X	X
	AUTB 102#	Automotive Body panels and Frame Straightening	10.0					X	X
	AUTB 103#	Advanced Auto Body Repair and Painting	10.0					X	X
	IT 140	Industrial Materials	3.0						
	IT 150	Industrial Processes	3.0						

Some courses may not be offered. Please Contact the Dean of Applied Technology and Business for alternate courses if necessary.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

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AUTOMOTIVE – AUTOMOTIVE TECHNICIAN

Program Description

This program is designed to prepare graduates for entry level employment in the automotive industry as apprentice technicians, parts specialist, service consultants or specialists in one of the many areas in in the automotive service and repair industry.

Certificate of Achievement and Associate of Science Degree

The Associate in Science Degree can be obtained upon completion of 66 units, including the major, and the general education requirements. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (45 Units)	ATEC 070	Automotive Fundamentals	3.0				X	X*	X*
	ATEC 130#	Automotive Suspension and Steering	4.0					X	X
	ATEC 131#	Automotive Electrical Systems	4.0						
	ATEC 132#	Automotive Brakes Systems	4.0					X	
	ATEC 133#	Automotive Engine Repair	4.0						X*
	ATEC 134#	Automatic Transmissions/Transaxles	4.0						X
	ATEC 135#	Automotive Engine Performance	4.0					X*	
	ATEC 136#	Automotive Manual Drivetrain and Axles	4.0						X
	ATEC 137#	Automotive Heating and Air Conditioning	4.0				X		
	ATEC 138#	Automotive Electronics	4.0					X	
	ATEC 139#	Advanced Engine Performance	4.0					X*	
ATEC 140	Hybrid Vehicle Maintenance and Repair	2.0					X		

Some courses may not be offered. Please Contact the Dean of Applied Technology and Business for alternate courses if necessary.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

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BIOLOGY

Program Description

The biology program emphasizes the relationship between structure and function of living systems and the concept that biological processes can be studied at different levels of organization. The program provides a balanced blend of mathematics, chemistry, physics and traditional and modern biology including the advanced topics essential to students continuing their studies at the university. Life is explored at the molecular, cellular, organismal and ecological levels.

Associate of Science Degree

The Associate of Science Degree can be obtained by completing the 46-50-unit major, the general education requirements, and electives for a total of 64-66 units. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (46-50 Units)	BIO 002#	Principles of Cell and Molecular Biology	5.0	A	5B	B2		X*	X
	BIO 003#	Evolution, Ecology & Biodiversity	5.0	A	5B	B2		X	X
	CHEM 001#	General Chemistry	5.0	A	5A	B1	X*	X*	X*
	CHEM 002#	General Chemistry	5.0	A	5A	B1	X*	X*	X*
	CHEM 003#	Organic Chemistry I	5.0	A	5A	B1		X	X
	CHEM 004#	Organic Chemistry II	5.0		5A	B1		X	X
	MATH 030#	Analytic Geometry and Calculus	3.0	D3	2	B4	X	X*	X*
	AND								
	MATH 031#	Analytic Geometry and Calculus	3.0	D3	2	B4		X	X*
	OR								
	MATH 020#	Analytic Geometry and Calculus I	5.0	D3	2	B4	X	X*	X
	AND								
	MATH 021#	Analytic Geometry and Calculus II	5.0	D3	2	B4	X	X	X*
	PHYS 002#	General Physics (Non-Calculus)	5.0	A	5A	B1	X	X*	X
	AND								
	PHYS 004#	General Physics (Non-Calculus)	5.0	A	5A	B1		X	X*
	OR								
PHYS 006#	Physics for Science and Engineering	5.0	A	5A	B1		X	X	
AND									
PHYS 007#	Physics for Science and Engineering	5.0	A	5A	B1		X		

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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BIOTECHNOLOGY – INDUSTRIAL BIOTECHNOLOGY

Program Description

This program prepares graduates to work in the biotechnology industry as production technicians. A production technician operates and maintains the equipment used to manufacture protein pharmaceutical products. Students will grow bacterial, yeast, and mammalian cells and recover the proteins that they produce. They will follow good manufacturing practices by maintaining records in order to comply with quality assurance procedures and government regulations. Students in the program must be able to adjust their time to a flexible schedule.

Certificate of Achievement and Associate of Science Degree

The Certificate of Achievement can be obtained upon completion of the 22-24-unit major with a grade of C (2.0) or better in each course. The Associate of Science Degree can be obtained upon completion of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (22-24 Units)	BIOT 051#	Principles of Biotechnology	3.0				X	X*	
	BIOT 052	Business and Regulatory Practices in Biotechnology	3.0				X		X*
	BIOT 062#	Cell Culture and Protein Recovery	4.0				X	X	
	BIOT 063#	Biotechnology Instrumentation: Quality Control & Genetic Engineering	4.0				X		X
	BIO 014#	Principles of Microbiology	4.0	A	5B	B2	X*	X*	X*
	OR								
	BIO 002#	Principles of Cell and Molecular Biology	5.0	A	5B	B2		X*	X
	CHEM 010#	Intermediate Chemistry	4.0	A	5A	B1	X*	X*	X*
	OR								
CHEM 001#	General Chemistry	5.0	A	5A	B1	X*	X*	X*	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

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BIOTECHNOLOGY – APPLIED BIOTECHNOLOGY

Certificate of Achievement

A Certificate of Achievement can be obtained by completion of the 18-unit major with a grade of C or better or a P if the course is taken on a Pass/No Pass basis in each course.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (18 Units)	BIOT 051#	Principles of Biotechnology	3.0				X	X*	
	BIOT 052	Business & Regulatory Practices in Biotechnology	3.0				X		X*
	BIOT 062#	Cell Culture and Protein Recovery	4.0				X	X	
	BIOT 063#	Biotechnology Instrumentation: Quality Control & Genetic Engineering	4.0				X		X
	BIOT 160#	Basic Concepts/Methods in Biotechnology	4.0						X*

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

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- View instructor contact information

BUSINESS –

ASSOCIATE IN SCIENCE IN BUSINESS ADMINISTRATION FOR TRANSFER

Program Description

This curriculum is designed to provide an opportunity for Business majors to achieve an associate in science degree in business administration while completing the requirements for transfer to a California State University (CSU) or other four year college or university. A baccalaureate degree is recommended preparation for those considering careers in business. Completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for upper division work

Associate in Science in Business Administration for Transfer

A Solano College student who has earned the associate in science degree in business administration for transfer will be granted priority admission to the CSU into a similar (BA) degree program as long as the student meets all prescribed admission requirements. Once admitted the student will only be required to complete 60 additional upper-division units to qualify for the similar BA degree. The A.S.-T degree does not guarantee admission to a specified major or campus, but does require the California State University to grant a student priority admission consideration to a CSU campus and to a major that is similar to the transfer degree.

To earn the Associate in Science in Business 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (37-39 Units)	ECON 001#	Principles of Economics (Macroeconomics)	3.0	B2	4B	D2	X	X	X
	ACCT 001	Principles of Accounting—Financial	4.0				X*	X	X*
	ACCT 002#	Principles of Accounting—Managerial	4.0				X*	X*	X
	BUS 005	Introduction to Business	3.0				X	X*	X*
	BUS 018	Legal Environment of Business	3.0				X	X	X*
	ECON 002#	Principles of Economics (Microeconomics)	3.0	B2	4B	D2	X	X	X
	Course from List A		4.0						
	Two courses from List B		6.0						
List A	MATH 011#	Elementary Statistics	4.0	D3	2	B4	X*	X*	X*
List B	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X*
	OR								
	CIS 050	Microcomputer Application	3.0				X	X*	X

*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.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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BUSINESS – GENERAL (TRANSFER)

Program Description

This program is designed for business students planning to transfer to the University of California and/or the California State University systems.

Certificate of Achievement

A Certificate of Achievement can be obtained by completing the 26-unit major with a grade of “C” or better in each course or a P if taken on a Pass/No Pass basis.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (26 Units)	ACCT 001	Principles of Accounting—Financial	4.0				X*	X*	X*
	ACCT 002#	Principles of Accounting—Managerial	4.0				X	X*	X
	BUS 005	Introduction to Business	3.0				X	X*	X
	BUS 018	Legal Environment of Business	3.0				X	X*	X
	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X*
	OR								
	CIS 050	Microcomputer Applications	3.0				X	X*	X*
	ECON 001#	Principles of Economics (Macroeconomics)	3.0	B2	4B	D2	X	X	X
	ECON 002#	Principles of Economics (Microeconomics)	3.0	B2	4B	D2	X	X	X
	Elective(s) selected from the recommended electives	3.0							
Recommended Electives (Select 3 units)	BUS 092	Business Communication	3.0				X	X*	X
	CIS 020#	Assembly Programming	3.0	D4				X	
	CIS 022	Introduction to Programming	3.0						X
	CIS 023	Data Structures and Algorithms	4.0	D4					
	MATH 011#	Elementary Statistics	4.0	D3	2	B4	X*	X*	X*
	MATH 020#	Analytic Geometry and Calculus I	5.0	D3	2	B4	X	X*	X
	MATH 021#	Analytic Geometry and Calculus II	5.0	D3	2	B4	X	X	X*
	MATH 030#	Analytic Geometry and Calculus	3.0	D3	2	B4	X	X*	X
	MATH 031#	Analytic Geometry and Calculus	3.0	D3	2	B4		X	X
	OCED 090	Occupational Work Experience	1.0-8.0					X*	X*
OCED 091	General Work Experience	1.0-6.0					X*	X*	

NOTE: Suggested general education math courses for the Business, General (Transfer) major are MATH 011 (Statistics) OR MATH 030 (Analytical Geometry and Calculus). Students should consult a counselor regarding Business Articulation Agreements.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

This is a Gainful Employment Program. For additional information, please visit http://www.solano.edu/gainful_employment/ and select “Business, General: Transfer.”

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
	MySolano Class finder allows you to:	

BUSINESS – INSURANCE: PROPERTY & CASUALTY

Program Description

This program provides essential background information needed by those wishing to work in an insurance office. Extensive employment opportunities are available in a variety of job areas from sales to accounting to database or project management.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained by completing the 31-unit major below. The Associate of Science Degree can be obtained upon completion of 60 units, including the major, and 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (31 Units)	ACCT 001	Principles of Accounting—Financial	4.0				X*	X*	X*
	BUS 005	Introduction to Business	3.0				X	X*	X
	BUS 018	Legal Environment of Business	3.0				X	X*	X
	BUS 070	Introduction to Insurance	1.0						
	BUS 071	Principles of Property and Liability Insurance	3.0						
	BUS 072	Personal Insurance	3.0						
	BUS 073	Commercial Insurance	3.0						
	BUS 074	Insurance—Code & Ethics	1.0						
	BUS 092	Business Communication	3.0				X	X*	X
	CIS 050	Microcomputer Applications	3.0				X	X*	X*
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
OCED 090	Occupational Work Experience	1.0					X*	X*	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

This is a Gainful Employment Program. For additional information, please visit http://www.solano.edu/gainful_employment/ and select "Business Insurance: Property & Casualty."

Insurance Specialist Job Direct Certificate

All Courses must be completed with a C or better

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (11 Units)	BUS 070	Introduction to Insurance	1.0						
	BUS 071	Principles of Property and Liability Insurance	3.0						
	BUS 072	Personal Insurance	3.0						
	BUS 073	Commercial Insurance	3.0						
	BUS 074	Insurance—Code & Ethics	1.0						

Need more information?

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MySolano Class finder allows you to:

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- Sort classes by type (time, location, online, late-start, short term)
- View instructor contact information

CHILD DEVELOPMENT AND FAMILY STUDIES – EARLY CHILDHOOD EDUCATION

Program Description

This program offers comprehensive study of child development, strategies for child guidance, techniques for effective classroom interaction with emphasis on the child in the context of family and culture, and curriculum that enhances the development of the whole child. The Child Development and Family Studies Department is a participant in the Curriculum Alignment Project (CAP). A key effort of the Curriculum Alignment Project is to facilitate the transfer of the courses below as an integrated course of study promoting access to ongoing education and degree attainment. These courses will ease transfer between many California State Universities. The CAP courses include: CDFS 038, CDFS 050, CDFS 053, CDFS 054 (or NUTR 054), CDFS 062, CDFS 063, CDFS 064, and CDFS 065.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon successful completion of the 35-unit major with a grade of C (2.0) or better in each course. The Associate of Science degree can be obtained by completing the 35-unit major, the general education requirements (Solano College, CSU or IGETC), and electives.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (35 Units)	CDFS 038	Child Growth and Development	3.0	B2	4G, RI	D7, D9, E		X*	X*
	CDFS 050	Child, Family and Community	3.0	B2		E	X*	X*	X*
	CDFS 053	Teaching in a Diverse Society	3.0	B2, E	SCC				X*
	CDFS 054	Child Health, Safety, and Nutrition	3.0	B2		E		X*	
	OR								
	NUTR 054	Child Health, Safety, and Nutrition	3.0			E		X	
	CDFS 062#	Introduction to Early Childhood Education: Principles and Practices	3.0				X	X*	X*
	CDFS 063#	Introduction to Curriculum	3.0					X*	X
	CDFS 064	Observation and Assessment	3.0						X*
	CDFS 065#	Early Childhood Education Practicum I	4.0					X*	X
	CDFS 066#	Early Childhood Education Practicum II	4.0					X	X
	Two courses from the required list		6.0						
Two courses (6 units) from the following list are required	CDFS 071	Language and Literature for ECE	3.0				X*		X*
	CDFS 072	Art and Creative Development for ECE	3.0					X	
	CDFS 073	Music and Movement for ECE	3.0					X	
	CDFS 074#	Science and Math for ECE	3.0						X*

Suggested 2-Year Major-Course-Pathway			
Year 1		Year 2	
Fall	Spring	Fall	Spring
CDFS 038	CDFS 054	CDFS 065	CDFS 066
CDFS 050	CDFS 063	CDFS 053	
CDFS 062	CDFS 064	CDFS 071, 072, 073 or 074	
CDFS 071, 072 or 073			

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
	MySolano Class finder allows you to:	

CHILD DEVELOPMENT AND FAMILY STUDIES – ASSOCIATE IN SCIENCE IN EARLY CHILDHOOD EDUCATION FOR TRANSFER

Program Description

Successful completion of this major prepares students to work in the field of early childhood education. Students will learn about child development, health and safety, observation and assessment, and techniques for effective classroom teaching including child guidance, curriculum development, and educating in a culturally respectful manner. One semester of practicum is required. This program aligns with the statewide Early Childhood Education Curriculum Alignment Project (CAP) which is designed to aid in student transfer. The CAP courses include: CDFS 038, CDFS 050, CDFS 053, CDFS 054 (or NUTR 054), CDFS 062, CDFS 063, CDFS 064, and CDFS 065

Associate in Science in Early Childhood Education for Transfer

The Associate in Science in Early Childhood Education for Transfer is especially appropriate for students who plan to complete a bachelor's degree in Early Childhood Education or Child Development at a CSU campus. Students completing an Associate in Science in Early Childhood Education 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 does accept the Associate in Science in Early Childhood Education for Transfer will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree also prepares students for Early Childhood Education degree programs at other four-year institutions, but does not come with the same guarantees. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

To earn the Associate in Science in Early Childhood Education 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. (37-39 units), (2-5 CSU transferable Elective units)
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (25 units)
2. Obtain a minimum grade point average of 2.0.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (25 Units)	CDFS 038	Child Growth and Development	3.0	B2	4G, RI	D7, D9, E		X*	X*
	CDFS 050	Child, Family and Community	3.0	B2		E	X*	X*	X*
	CDFS 053	Teaching in a Diverse Society	3.0	B2, E	SCC				X*
	CDFS 054	Child Health, Safety, and Nutrition	3.0	B2		E		X*	
	CDFS 062#	Introduction to Early Childhood Education: Principles and Practices	3.0				X	X*	X*
	CDFS 063#	Introduction to Curriculum	3.0					X*	X
	CDFS 064	Observation and Assessment	3.0						X*
	CDFS 065#	Early Childhood Education Practicum I	4.0					X*	X

Suggested 2-Year Pathway				
Year 1			Year 2	
Fall	Spring		Fall	Spring
CDFS 038	CDFS 054		CDFS 065	
CDFS 050	CDFS 063		CDFS 053	
CDFS 062	CDFS 064			

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

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
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CHILD DEVELOPMENT AND FAMILY STUDIES – ASSOCIATE IN SCIENCE IN EARLY CHILDHOOD EDUCATION FOR TRANSFER

Courses offered that are not in CDFS Degrees									
Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	CDFS 040	Family Relationships	3.0	B2		E		X	X
	CDFS 052	Children with Special Needs	3.0					X*	
	CDFS 075	Care of Infants and Toddlers: Social-Emotional Foundation	3.0						X*
	CDFS 076	Care of Infants and Toddlers: Curriculum and Environments	3.0				X*	X*	
	CDFS 081	Early Childhood Staff Supervision	3.0						X*
	CDFS 082	Adult Supervision: The Mentor Teacher	2.0						X*



Galen Tom, parent and technology specialist

“The old saying goes, “Kids do not come with instructions.” I learned how to better communicate with my daughter and how to better assess a situation before reacting. Also, I learned how to educate my daughter to think for herself and become more independent.”

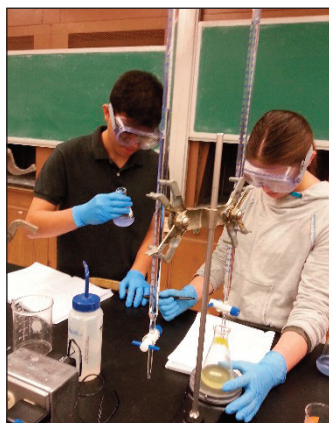


Rosalyn Hall-Wellington, student and early childhood administrative assistant

“I have had my confidence heightened and have increased and modernized my knowledge. CDFS courses provide hands-on applicable information that is easily understood and can be practically applied.”

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CHEMISTRY



Program Description

This program is designed to foster an understanding of the fundamental principles of chemistry in a variety of applications. Students will learn how chemical knowledge is derived, theorized, and applied in solving problems in everyday life.

Solano Community College offers an Associate in Science Degree that can be achieved by taking the required courses listed below. Successful completion of these courses enables the students to complete the lower division chemistry requirements for many majors. They also become experienced with laboratory equipment and testing, comparable to or better than other community colleges and transfer institutions. Students who complete these courses are also very successful in their subsequent upper division courses and programs at the transfer institutions and in their employment positions. The chemistry department also offers transition courses for students with non-science backgrounds or goals.



Associate of Science Degree

The Associate of Science Degree can be obtained by completing 60 units, including the 26-30-unit major listed below, 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (26-30 Units)	CHEM 001#	General Chemistry	5.0	A	5A 5C	B1 B3	X*	X*	X*
	AND								
	CHEM 002#	General Chemistry	5.0	A	5A 5C	B1 B3	X*	X*	X*
	CHEM 003#	Organic Chemistry I	5.0	A	5A 5C	B1 B3		X	X
	AND								
	CHEM 004#	Organic Chemistry II	5.0		5A 5C	B1 B3		X	X
	BIO (any course except 048 or 098)								
	PHYS 002#	General Physics (Non-Calculus)	5.0	A	5A 5C	B1 B3	X	X*	X
	OR								
	PHYS 006#	Physics for Science and Engineering	5.0	A	5A 5C	B1 B3		X	X
OR									
PHYS 010	Descriptive Physics	3.0	A	5A 5C	B1 B3	X	X		

Suggested 2-Year Major-Course-Pathway			
Year 1		Year 2	
Fall	Spring	Fall	Spring
CHEM 001	CHEM 002		
PHYS 002 OR PHYS 006 OR PHYS 010	BIO COURSE		

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Need more information?

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MySolano Class finder allows you to:

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CHEMISTRY

Courses offered that are not in CHEM Degree									
Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	CHEM 160	Introductory Chemistry	4.0	A			X*	X*	X*
	CHEM 010	Intermediate Chemistry	4.0	A	5A 5C	B1 B3	X*	X*	X*
	CHEM 011	Basic Organic Chemistry and Biochemistry	4.0	A	5A 5C	B1 B3	X*	X*	X*
	CHEM 051	Chemistry for the Health Sciences	5.0	A		B1 B3	X*	X*	X*

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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COMMUNICATION STUDIES – ASSOCIATE IN ARTS IN COMMUNICATION STUDIES FOR TRANSFER

Program Description

The Communication Studies Program is broad-based and concerned with the preparation and delivery of messages in interpersonal, public and business situations. This program focuses on understanding the communication process and improving communication skills. The program prepares the students to pursue professional goals in a variety of career possibilities including: Community College Teacher, Speech Writer, Communication Consultant, Lawyer, Minister, Personnel Director, Sports Broadcast Journalist, Public Relations, Political Campaign Aide, Sales, and Counselor.

Associate in Science in Business Administration for Transfer

The Associate in Arts in Communication Studies for Transfer (AA-T) is especially appropriate for students who plan to complete a bachelor's degree in Communication Studies at a CSU campus. Students completing this degree (AA-T in Communication Studies) are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AA-T in Communication Studies will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree also prepares students for communication studies degree programs at other four-year institutions, but does not come with the same guarantees. 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 Communication Studies for Transfer degree, a student 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. (37-39 units), (9-11 units CSU transferable electives)
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (18 units)
2. Obtain a minimum grade point average of 2.0.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (18 units)	COMM 001	Introduction to Public Speaking	3.0	D4	1C	A1	X*	X*	X*
	Choose two (2) courses (6 units) from List A		6.0						
	Choose two (2) courses (6 units) from List B		6.0						
	Choose two (1) courses (3 units) from List A		3.0						
List A (6 units)	COMM 006	Argumentation and Debate	3.0	D4	1C	A1, A3	X	X	X
	COMM 010	Interpersonal Communication	3.0	D4			X	X	X
	COMM 008	Group Communication	3.0						
List B (6 units)	COMM 002	Fundamentals of Persuasive Speaking	3.0	D4	1C	A1		X*	
	COMM 012	Intercultural Communication	3.0	E	4G, SCC	D3, D7, SCC		X	
	COMM 015	Oral Interpretation of Literature	3.0	C					X
	COMM 050	Forensics/Speech Workshop	1.0-4.0						
	COMM 060	Business and Professional Communication	3.0						
	Any List A course not used above		3.0						
List C (3 units)	COMM 075	Sports Broadcasting	3.0						
	ANTH 002	Cultural Anthropology	3.0	B2	4A	D1	X	X*	X*
	PSYC 001	Introduction to Psychology	3.0	B2	4I	D9	X*	X*	X*
	SOC 001	Introduction to Sociology	3.0	B2	4J	D0	X*	X*	X*
	Any List A or List B course not used above		3.0						

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

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COMMUNICATIONS SPORTS BROADCASTING

Program Description

The Certificate of Achievement in Sports Broadcasting offers students hands-on experience in the basics of television and internet sports broadcasting. Areas of concentration include performance and technical training for a variety of televised sporting events and productions. The Certificate is geared for those who are interested in obtaining employable skills in a short timeframe. The Certificate of Achievement may be completed in one year and serves as a professional development opportunity.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained by completing the 12-unit major with a minimum grade of "C" in each course or a P if taken on a Pass/No Pass basis.

Sports Broadcasting Job-Direct Certificate

All courses in the major must be completed with a grade of C or better

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
Required Courses (12 Units)	COMM 75A	Sports Broadcasting – Fall Sports	3.0					X	
	COMM 75B	Sports Broadcasting – Spring Sports	3.0						X
	COMM 80A	TV Sports Production – Fall Sports	3.0					X	
	COMM 80B	TV Sports Production – Spring Sports	3.0						X

Need more information?

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COMPUTER INFORMATION SCIENCE – COMPUTER PROGRAMMING

Program Description

This program is designed to prepare the student for employment as a computer programmer trainee.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of the 33-unit major listed below. The Associate of Science Degree may be obtained by completing a total of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (33 units)	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X
	BUS 092	Business Communication	3.0				X	X*	X
	CIS 022#	Introduction to Programming	3.0				X	X	X*
	CIS 055	MS Windows Operating Systems	3.0					X	X
	CIS 023#	Data Structures and Algorithms	3.0	D4					X
	CIS 015	Programming in Visual Basic.NET	3.0					X	X
	CIS 089	Essential Networking Technologies	3.0					X	X
	CIS 078	Access-Database Management System	3.0				X		X
	CIS 052	UNIX Operating System (UNIX OPERATING SYST)	3.0					X	X
	CIS 020#	Assembly Programming	3.0	D4				X	
	Elective(s) selected from the Recommended Electives		3.0						
Recommended Electives (3 units)	CIS 035#	Introduction to Java Programming	3.0					X	
	CIS 060	Introduction to the Internet	1.5				X*		
	CIS 061	Creating Web Pages	3.0				X	X	X
	CIS 066	Microsoft Word	3.0				X	X*	X*
	CIS 068#	Object Oriented Game Programming with Flash	3.0						
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
	CIS 080#	SQL Database Management Systems	3.0					X	
	ACCT 001	Principles of Accounting – Financial	4.0				X*	X*	X*
	ACCT 002#	Principles of Accounting – Managerial	4.0				X	X*	X
	BUS 005	Introduction to Business	3.0				X	X*	X*
	OCED 090	Occupational Work Experience	1.0-8.0					X*	X*
OCED 091	General Work Experience	1.0-6.0					X*	X*	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

COMPUTER INFORMATION SCIENCE – MICROCOMPUTER APPLICATIONS

Program Description

This option is designed to prepare the student for employment as a microcomputer applications specialist.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of the 30-unit major listed below. The Associate of Science Degree may be obtained by completing a total of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (30 units)	BUS 092	Business Communication	3.0				X	X*	X
	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X
	CIS 015	Programming in Visual Basic.NET	3.0					X	X
	CIS 055	MS Windows Operating Systems	3.0					X	X
	CIS 061	Creating Web Pages	3.0				X	X	X
	CIS 066	Microsoft Word	3.0				X	X*	X*
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
	CIS 078	Access—Database Management System	3.0				X	X	X
	CIS 089	Essential Networking Technologies	3.0					X	X
	CIS 090	Introduction to PowerPoint	1.5				X	X	X
	CIS 091	Microsoft Outlook	1.5					X	X

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

*This is a Gainful Employment Program. For additional information, please visit
http://www.solano.edu/gainful_employment/ and select "Computer & Info Science: Microcomputer Applications."*

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COMPUTER INFORMATION SCIENCE – Web Development and Administration

Program Description

This specialty is designed to prepare the student for employment as a web site administrator and developer.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of the 33-unit major listed below. The Associate of Science Degree may be obtained by completing a total of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (33 units)	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X
	CIS 061	Creating Web Pages	3.0				X	X	X
	CIS 062	Creating Web Interactivity with Flash	3.0						
	CIS 069	Multimedia for the Web	3.0						
	CIS 072	Extensible Markup Language (XML)	1.5						
	CIS 075	Client-Side Web Programming	3.0						X
	CIS 080#	Web Server Administration	3.0					X	
	CIS 081	Server-Side Web Programming	3.0						
	CIS 083	Web Server Administration	3.0					X	
	CIS 089	Essential Networking Technologies	3.0					X	X
	CIS 111	Web Design with Cascading Style Sheets	1.5						
	Electives selected from the Recommended Electives		3.0						
Recommended Electives (3 units)	CIS 015	Programming in Visual Basic.NET	3.0					X	X
	CIS 022#	Introduction to Programming	3.0				X	X	X*
	CIS 023#	Data Structures and Algorithms	3.0	D4					X
	CIS 035#	Introduction to Java Programming	3.0					X	
	CIS 068#	Object Oriented Game Programming with Flash	3.0						
	CIS 078	Access—Database Management System	3.0				X	X	X
	CIS 120#	Developing XML Web Services	1.5						
	CIS 121	PHP Programming with MySQL	3.0						

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

*This is a Gainful Employment Program. For additional information, please visit
http://www.solano.edu/gainful_employment/ and select "Web Development & Administration."*

Courses offered that are not in CIS Degrees

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	CIS 021	Discrete Structures for Computer Science	3.0					X	
	CIS 070	Adobe Photoshop for the Web	3.0						
	CIS 085	Digital Publishing with InDesign	3.0						

Need more information?

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MySolano Class finder allows you to:

- View course offerings, description & prerequisite information
- Sort classes by type (time, location, online, late-start, short term)
- View instructor contact information

COMPUTER INFORMATION SCIENCE

Microsoft Office Master Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
Required Courses (9 Units)	CIS 066	Microsoft Word	3.0				X	X*	X*
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
	CIS 090	Introduction to PowerPoint	1.5				X	X	X
	CIS 093	MS Publisher	1.5						

Microsoft Office Specialist Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
Required Courses (13.5 Units)	CIS 066	Microsoft Word	3.0				X	X*	X*
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
	CIS 078	Access—Database Management System	3.0				X	X	X
	CIS 090	Introduction to PowerPoint	1.5				X	X	X
	CIS 091	Microsoft Outlook	1.5					X	X
	CIS 093	MS Publisher	1.5						

Database Specialist Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
Required Courses (13.5 Units)	CIS 072	Extensible Markup Language (XML)	1.5						
	CIS 078	Access—Database Management System	3.0				X	X	X
	CIS 080#	Web Server Administration	3.0						

Computer Applications Specialist Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	*= night class available		
Required Courses (10.5 Units)	BUS 100	Work Readiness	1.5					X	
	CIS 066	Microsoft Word	3.0				X	X*	X*
	CIS 073	Microsoft Excel	3.0				X*	X*	X*
	CIS 078	Access—Database Management System	3.0				X	X	X

Need more information?

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MySolano Class finder allows you to:

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- View instructor contact information

COMPUTER INFORMATION SCIENCE

Web Developer Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Courses (16.5 Units)	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X
	CIS 061	Creating Web Pages	3.0				X	X	X
	CIS 069	Multimedia for the Web	3.0						
	CIS 072	Extensible Markup Language (XML)	1.5						
	CIS 075	Client-Side Web Programming	3.0						X
	CIS 081	Server-Side Web Programming	3.0						

Web Programmer Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Courses (10 Units)	CIS 015	Programming in Visual Basic.NET	3.0					X	X
	CIS 035#	Introduction to Java Programming	3.0					X	
	CIS 068#	Object Oriented Game Programming with Flash	3.0						
	CIS 075	Client-Side Web Programming	3.0						
	CIS 081	Server-Side Web Programming	3.0						

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- View instructor contact information

COSMETOLOGY

Program Description

The program consists of sixteen hundred (1600) hours of intensive training and study designed to prepare the student to take the California State Board of Cosmetology examination for licensure. Units include theory and practice in fundamental skills in all phases of beauty culture. Assignment of units is based on hours in attendance. See the Course Description portion of the Catalog for prerequisite requirements for admission to the program.

Transfer students will be accepted on a space-available basis providing they have not achieved more than 500 certified hours of training.

Certificate of Achievement and Associate of Science Degree

A Certificate can be obtained by completing the 49.5-unit major listed below. The Associate of Science Degree can be obtained by completing a minimum of 66 units, including the major of at least 49.5 units and the general education requirements. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (49.5 units)	COSM 100	Cosmetology I	12.5					X	X
	COSM 101#	Cosmetology II	12.5					X	X
	COSM 102#	Cosmetology III	12.5					X	X
	COSM 103A#	Cosmetology IV	6.0					X	X
	COSM 103B#	Cosmetology V	6.0					X	X
	OR								
	COSM 175#	Cosmetology Education Practicum	6.0						

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

NOTE: First time students to the Cosmetology Program will be required to attend an orientation meeting and purchase a materials card at registration in addition to the registration fees. The cost of the materials card and start-up materials exceeds \$2,000. For more information see the schedule of classes or call the Cosmetology Department at (707) 864-7000 ext. 4389.

The Cosmetology program is approved by the California State Board of Barbering and Cosmetology.

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

Need more information?

my.solano.edu - Click on Schedule

MySolano Class finder allows you to:

- View course offerings, description & prerequisite information
- Sort classes by type (time, location, online, late-start, short term)
- View instructor contact information

BIOLOGY

Program Description

The biology program emphasizes the relationship between structure and function of living systems and the concept that biological processes can be studied at different levels of organization. The program provides a balanced blend of mathematics, chemistry, physics and traditional and modern biology including the advanced topics essential to students continuing their studies at the university. Life is explored at the molecular, cellular, organismal and ecological levels.

Associate of Science Degree

The Associate of Science Degree can be obtained by completing the 46-50-unit major, the general education requirements, and electives for a total of 64-66 units. 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (46-50 Units)	BIO 002#	Principles of Cell and Molecular Biology	5.0	A	5B	B2		X*	X
	BIO 003#	Evolution, Ecology & Biodiversity	5.0	A	5B	B2		X	X
	CHEM 001#	General Chemistry	5.0	A	5A	B1	X*	X*	X*
	CHEM 002#	General Chemistry	5.0	A	5A	B1	X*	X*	X*
	CHEM 003#	Organic Chemistry I	5.0	A	5A	B1		X	X
	CHEM 004#	Organic Chemistry II	5.0		5A	B1		X	X
	MATH 030#	Analytic Geometry and Calculus	3.0	D3	2	B4	X	X*	X*
	AND								
	MATH 031#	Analytic Geometry and Calculus	3.0	D3	2	B4		X	X*
	OR								
	MATH 020#	Analytic Geometry and Calculus I	5.0	D3	2	B4	X	X*	X
	AND								
	MATH 021#	Analytic Geometry and Calculus II	5.0	D3	2	B4	X	X	X*
	PHYS 002#	General Physics (Non-Calculus)	5.0	A	5A	B1	X	X*	X
	AND								
	PHYS 004#	General Physics (Non-Calculus)	5.0	A	5A	B1		X	X*
OR									
PHYS 006#	Physics for Science and Engineering	5.0	A	5A	B1		X	X	
AND									
PHYS 007#	Physics for Science and Engineering	5.0	A	5A	B1		X		

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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BIOTECHNOLOGY – INDUSTRIAL BIOTECHNOLOGY

Program Description

This program prepares graduates to work in the biotechnology industry as production technicians. A production technician operates and maintains the equipment used to manufacture protein pharmaceutical products. Students will grow bacterial, yeast, and mammalian cells and recover the proteins that they produce. They will follow good manufacturing practices by maintaining records in order to comply with quality assurance procedures and government regulations. Students in the program must be able to adjust their time to a flexible schedule.

Certificate of Achievement and Associate of Science Degree

The Certificate of Achievement can be obtained upon completion of the 22-24-unit major with a grade of C (2.0) or better in each course. The Associate of Science Degree can be obtained upon completion of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGET C	CSU-GE	* = night class available		
Required Core (22-24 Units)	BIOT 051#	Principles of Biotechnology	3.0				X	X*	
	BIOT 052	Business and Regulatory Practices in Biotechnology	3.0				X		X*
	BIOT 062#	Cell Culture and Protein Recovery	4.0				X	X	
	BIOT 063#	Biotechnology Instrumentation: Quality Control & Genetic Engineering	4.0				X		X
	BIO 014#	Principles of Microbiology	4.0	A	5B	B2	X*	X*	X*
	OR								
	BIO 002#	Principles of Cell and Molecular Biology	5.0	A	5B	B2		X*	X
	CHEM 010#	Intermediate Chemistry	4.0	A	5A	B1	X*	X*	X*
	OR								
CHEM 001#	General Chemistry	5.0	A	5A	B1	X*	X*	X*	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> • View course offerings, description & prerequisite information • Sort classes by type (time, location, online, late-start, short term) • View instructor contact information
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CRIMINAL JUSTICE - Computer Forensics

Program Description

This program is designed to prepare the student for employment as a computer forensics investigator. It includes a mix of several disciplines of study that, when combined, provide a basis for the general knowledge and skills required to perform the careful investigation of evidence obtained from computers and computer systems. In addition, this major provides the knowledge and skills required by computer network specialists involved in the tasks of securing computer systems and protecting information workers.

Certificate of Achievement and Associate of Science Degree

The Certificate of Achievement can be obtained upon completion of the 32.5-unit major listed below. The Associate of Science Degree can be obtained upon completion of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (32.5 units)	CJ 051	Criminal Investigation	3.0					X	X*
	CJ 053	Legal Aspects of Evidence	3.0				X	X*	X*
	CIS 001	Introduction to Computer Science	3.0	D4			X*	X*	X
	CIS 162	A+ Computer Hardware Technology	4.0						
	CIS 164	A+ Computer Operating Systems Technology	4.0						
	CIS 166	Computer Network + Technology	4.0						
	CIS 168#	Computer Security + Technology	4.0						
	CIS 172	Computer Forensics: Evidence Recovery	1.5						
	CIS 173#	Computer Forensics Investigations	3.0						
CIS 174#	Computer Forensics: Operating Systems Internals	3.0							

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> • View course offerings, description & prerequisite information • Sort classes by type (time, location, online, late-start, short term) • View instructor contact information
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CRIMINAL JUSTICE - CORRECTIONS

Program Description

This program offers core and selective courses which provide the student with a base of knowledge and proficiencies in the area of corrections. The program operates with the cooperation and participation of local corrections agencies. All instructors in the program have experience in the corrections field. Courses are scheduled both day and evening to accommodate fulltime or part-time students seeking to acquire or upgrade skills in the corrections field.

Certificate of Achievement and Associate of Science Degree

The Certificate of Achievement can be obtained upon completion of the 30-unit major listed below. The Associate of Science Degree can be obtained upon completion of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (30 units)	CJ 001	Introduction to Criminal Justice	3.0	B2		D8	X	X*	X*
	CJ 002	Concepts of Criminal Law	3.0				X	X*	X*
	CJ 011	Community Relations	3.0				X	X*	X*
	CJ 051	Criminal Investigation	3.0					X	X*
	CJ 052	Investigative Report Writing	3.0					X	X
	CJ 053	Legal Aspects of Evidence	3.0				X	X*	X*
	CJ 058	Fundamentals of Crime and Delinquency	3.0					X	X
	CJ 059	Interviewing and Counseling	3.0					X	X
	Select six units from the elective list below								
Required Core (30 units)	CJ 057	Criminal Justice Career Development	3.0				X	X*	X*
	CJ 060	Probation and Parole	3.0					X*	
	CJ 062	Legal Aspects of Correction	3.0				X		
	CJ 091	Vocational Work Experience—Corrections	1.0-3.0						X*

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

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	MySolano Class finder allows you to:	

CRIMINAL JUSTICE - LAW ENFORCEMENT

Program Description

This program was established with the cooperation of the Solano County Criminal Justice Advisory Committee and offers courses for both pre-service and in-service students. All instructors have experience in law enforcement, and courses are scheduled day or evening to accommodate full-time and part-time students seeking to acquire or upgrade skills in the field.

Certificate of Achievement and Associate of Science Degree

The Certificate of Achievement can be obtained upon completion of the 30-unit major listed below. The Associate of Science Degree can be obtained upon completion of 60 units, including the major, general education requirements, and electives

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (30 units)	CJ 001	Introduction to Criminal Justice	3.0	B2		D8	X	X*	X*
	CJ 002	Concepts of Criminal Law	3.0				X	X*	X*
	CJ 011	Community Relations	3.0				X	X*	X*
	CJ 051	Criminal Investigation	3.0					X	X*
	CJ 052	Investigative Report Writing	3.0					X	X
	CJ 053	Legal Aspects of Evidence	3.0				X	X*	X*
	CJ 058	Fundamentals of Crime and Delinquency	3.0					X	X
	CJ 059	Interviewing and Counseling	3.0					X	X
	Select six units from the elective list below								
Select six (6) units from the following	CJ 056	Juvenile Procedures	3.0					X	X
	CJ 057	Criminal Justice Career Development	3.0				X	X*	X*
	CJ 064	Principles and Procedures of the Criminal Justice System	3.0						
	CJ 090	Vocational Work Experience— Law Enforcement	1.0-3.0						X*

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
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CRIMINAL JUSTICE – ASSOCIATE IN SCIENCE IN ADMINISTRATION OF JUSTICE FOR TRANSFER

Program Description

This program offers core and selective courses which provide the student with a base of knowledge and proficiencies in the area of criminal justice. The program operates with the cooperation and participation of local criminal justice agencies. All instructors in the program have experience in the criminal justice field. Courses are scheduled both day and evening to accommodate full-time or part-time students seeking to acquire or upgrade skills and to prepare the criminal justice student for a four-year degree in the CSU system.

Associate in Science in Criminal Justice for Transfer

The Associate in Science in Criminal Justice for Transfer degree is designed for students who plan to complete a bachelor's degree in Criminal Justice at a CSU campus. Students completing an Associate in Science in Criminal Justice 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 Science in Criminal Justice will be required to complete no more than 60 units after transfer to earn a bachelor's degree. The Associate in Science in Criminal Justice for Transfer degree also provides students with the learning experience on how to preserve and maintain social order by gaining critical skills in these key areas: law enforcement; corrections, probation, and parole; juvenile justice, delinquency, and juvenile corrections; criminology theory and crime control; and criminal justice leadership and administration. With this transfer degree, students will gain an understanding of both adult and juvenile justice systems, as well as the skills to apply innovative programmatic efforts. From due process to constitutional protections to the importance of case law in American criminal justice, the student will be exposed to the specific legal and ethical challenges for each branch of the U.S. criminal justice system.

To earn the Associate in Science in Administration of Justice 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. (37-39 units) (5-12 transferable units)
 - b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (18 units)
2. Obtain a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is not an acceptable grade for courses in the major.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (18 units)	CJ 001	Introduction to Criminal Justice	3.0	B2		D8	X	X*	X*
	CJ 002	Concepts of Criminal Law	3.0				X	X*	X*
	Select Two Courses from List A		6.0						
	Select Two Courses from List B		6.0						
List A (Select 2 Courses)	CJ 011	Community Relations	3.0				X	X*	X*
	CJ 053	Legal Aspects of Evidence	3.0				X	X*	X*
	CJ 051	Criminal Investigation	3.0					X	X*
	CJ 056	Juvenile Procedures	3.0					X	X
List B (Select 2 Courses)	SOC 001	Introduction to Sociology	3.0	B2	4J	D0	X*	X*	X*
	PSYC 001	Introduction to Psychology	3.0	B2	4I	D9	X*	X*	X*
	CJ 064	Principles and Procedures of the Criminal Justice System	3.0						

* 0 - 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.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule MySolano Class finder allows you to:	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
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DRAFTING – DRAFTING AND DESIGN TECHNICIAN

Program Description

This program is designed to provide students with entry level skills in the fields of mechanical, electrical, civil and architectural drafting and/or design.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of the 30-unit major listed below. The Associate of Science Degree can be obtained by completing a total of 60 units, including the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (30 units)	DRFT 045	Introduction to Computer-Aided Drafting (CAD)	3.0					X*	X*
	DRFT 046#	Advanced CAD	3.0					X*	
	DRFT 055#	Mechanical Drafting – Level I	3.0						
	DRFT 058	Solid Modeling with Solidworks	3.0						
	DRFT 060#	Architectural Drafting I	3.0						
	DRFT 075#	Electronic Drafting	3.0					X*	
	DRFT 080#	Civil Drafting I	3.0						
	IT 140	Industrial Materials	3.0					X	
	IT 151	Vocational mathematics	3.0				X*	X	X
	Select 3 units from Recommended Electives		3.0						
Recommended Electives (Select 3 units)	ART 014	Introduction to Drawing	2.0-3.5				X*	X*	X*
	DRFT 050	Basic Drafting	1.5						
	DRFT 057#	Mechanical Drafting – Level II	3.0						
	DRFT 065#	Architectural Drafting II	3.0						
	DRFT 079	Blueprint Reading	3.0				X	X	X
	DRFT 085#	Civil Drafting II	3.0						
	DRFT 092#	Special Problems	1.0-3.0						
	DRFT 130#	Advanced Printed Circuit Board Design	3.0						
	DRFT 140#	Surveying	3.0						X
	ENGR 001	Introduction to Engineering	1.0					X	
	HORT 030#	Landscape Design I	3.0					X	
	OCED 070	Occupational Soft Skills	1.5				X	X	X
	OCED 071	Occupational Soft Skills	1.5						X
	OCED 090	Occupational Work Experience	1.0-8.0				X*	X*	X*
OCED 091	General Work Experience	1.0-6.0				X*	X*	X*	

NOTE: Many of the advanced courses will require CAD. It is important to take DRFT 045 (intro. to CAD) as early in your program as possible. College credit may be obtained with credit by examination in DRFT 045, 050, and 060 or they may be waived.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> • View course offerings, description & prerequisite information • Sort classes by type (time, location, online, late-start, short term) • View instructor contact information
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DRAFTING – SURVEY AND CIVIL DRAFTING TECHNICIAN

Program Description

This program is designed to provide students with entry-level skills in the fields of Surveying Technician, Civil Drafting Technician, and/or mapping technician.

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of 27 core requirement units. An Associate of Science degree may be obtained by completing 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (27 units)	DRFT 045	Introduction to Computer-Aided Drafting (CAD)	3.0					X*	X*
	DRFT 046#	Advanced CAD	3.0					X*	
	DRFT 060#	Architectural Drafting I	3.0						
	DRFT 080#	Civil Drafting I	3.0						
	DRFT 085#	Civil Drafting II	3.0						
	DRFT 140#	Surveying	3.0						X
	GEOL 010	Introduction to Geographic Information Systems	3.0						
	OR								
	GEOL 010	Introduction to Geographic Information Systems	3.0					X*	
IT 151	Vocational mathematics	3.0				X*	X	X	
Recommended Electives (Select 3 units)	Select 3 units from Recommended Electives		3.0						
	DRFT 050	Basic Drafting	1.5						
	DRFT 065#	Architectural Drafting II	3.0						
	DRFT 079	Blueprint Reading	3.0				X	X	X
	DRFT 092#	Special Problems	1.0-3.0						
	ENGR 001	Introduction to Engineering	1.0					X	
	IT 050	Alternative Energy Technologies	3.0					X	
	OCED 070	Occupational Soft Skills	1.5				X	X	X
	OCED 071	Occupational Soft Skills	1.5						X
	OCED 090	Occupational Work Experience	1.0-8.0				X*	X*	X*
OCED 091	General Work Experience	1.0-6.0				X*	X*	X*	

NOTE: Many of the advanced courses will require CAD. It is important to take DRFT 045 (intro. to CAD) as early in your program as possible. College credit may be obtained with credit by examination in DRFT 045, 050, and 060 or they may be waived.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?

[my.solano.edu](http://www.solano.edu) - Click on Schedule

MySolano Class finder allows you to:

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- View instructor contact information

ECONOMICS

Program Description

Economics is the study of how people make choices when faced with scarcity. It is therefore the study of the process of decision-making by individuals, business, governments, or any other group that must make such choices, and the study of the institutional context in which these decisions are made.

Certificate of Achievement and Associate in Science Degree

Not offered in this discipline

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	ECON 001#	Principles of Economics (Macroeconomics)	3.0	B2	4B	D2	X	X	X
	ECON 002#	Principles of Economics (Microeconomics)	3.0	B2	4B	D2	X	X	X
	ECON 010#	Global Economics	3.0		4B	D2			

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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ENGINEERING

Program Description

The field of Engineering deals with the design, production, and testing of new products as well as maintaining and improving existing ones. Engineers are professionals who apply mathematical and scientific principles to solve technical problems.

Certificate of Achievement and Associate in Science Degree

Not offered in this discipline

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	ENGR 001	Introduction to Engineering	1.0					X	
	ENGR 017#	Introduction to Electrical Engineering	5.0						X
	ENGR 030#	Engineering Mechanics: Statics	4.0	A		B1		X	
	ENGR 045#	Properties of Materials	4.0					X	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Testimonial from SCC graduate Christian Des Champs, 1st Lieutenant, USAF: The engineering program at Solano Community College is an excellent program that greatly aided my seamless transfer to UC Davis, where I graduated with a degree in Civil Engineering with High Honors. The mastery of the core subjects that I obtained while at SCC put me significantly ahead of my peers who started at UC Davis as freshmen. All of this is due to the excellent faculty and staff, and the one-on-one attention the professors made available for their students.

Solano Community College has had an engineering program since its origins in the 1940s. In accordance with the statewide master plan for higher education, this program has always been focused on preparing students to transfer to an engineering major at a four-year university. In recent years, we have transferred about fifteen students per year, mostly to UC Davis, Sacramento State, and UC Berkeley. Some go on to pursue graduate degrees after receiving their B.S. degree, and most find highly paid jobs and productive jobs in the region.

This program plays a major role in supplying engineers to the local economy. Recent graduates of our engineering program now work at Northrup-Grumman, Applied Aerospace Structures Corporation, Conoco Phillips, Vandenberg Air Force Base, PG&E, U.S. Army Corps of Engineers, Lockheed Martin, California Dept. of Water Resources, Musco Olive Company, Biruni Motors, U.S. Naval Air Systems Command, and Worley Parsons, among other companies and institutions.

Right: Dan Wiese and Zack Dobson using a tensile test machine in ENGR 045. Dan is currently a PhD candidate in Mechanical Engineering at MIT; Zack is an engineer at Southland Industries.



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ENGLISH

Program Description

The Associate of Arts Degree in English provides the academic and practical experience for further education in English at a four-year institution or a career in English or further education or careers in fields related to English. By completing this program, students may complete transfer requirements to the CSU system and UC system as well as public and private universities both in and out of California to pursue a Bachelor's Degree in English, English Literature or Creative Writing. A Bachelor's Degree in English may also include various emphases such as creative writing, composition/rhetoric, education, literature, or linguistics. Students who complete the A.A. Degree in English will also satisfy the requirements for the AA-T degree in English. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

Certificate of Achievement and Associate of Science Degree

Students will take courses in English as well as in related fields required for English majors. The English program teaches writing, critical thinking, reading, and research skills as they apply to the areas of composition, creative writing, and the analysis of literature. Course work in creative writing is presented in sequenced writing workshops and courses in literary publishing. Course work in literature explores primarily British and American writers through genre, survey, figure, and thematic courses. The Associate of Arts Degree in English can be obtained by completing a total of sixty (60) units, including the twenty-five (25) to twenty-six (26) units for the 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (25 units)	ENGL 002#	Critical Thinking and Writing About Literature	4.0	C	1B	A3	X*	X*	
	Select 2 courses (6 units) from List A		6.0						
	Select 2 courses (6 units) from List B		6.0						
	Select 2 courses (6 units) from List C		6.0						
	Select 1 course (3 units) from List D		3.0						
List A (6 units)	ENGL 030#	Survey of American Literature I	3.0	C	3B	C2			
	ENGL 031#	Survey of American Literature II	3.0	C	3B	C2		X	
	ENGL 040#	Survey of English Literature I	3.0	C	3B	C2		X	
	ENGL 041#	Survey of English Literature II	3.0	C	3B	C2			
List B (6 units)	ENGL 006#	Creative Writing 1	3.0			C2		X*	
	ENGL 021#	Introduction to Poetry	3.0	C	3B	C2			
	ENGL 023#	Introduction to the Modern Novel	3.0	C	3B	C2			
	ENGL 024#	Introduction to the Short Story	3.0	C	3B	C2			
	ENGL 025#	Introduction to Drama as Literature	3.0	C	3B	C2			
	Any course from List A not already used		3.0						
List C (6 units)	ENGL 007#	Creative Writing II	3.0					X*	
	ENGL 010#	Creative Writing III	3.0					X*	
	ENGL 012#	Modern Women writers	3.0	C,E	3B, SCC	C2, SCC		X	
	ENGL 014#	The Bible as Literature	3.0	C	3B	C2			
	ENGL 016#	Masterpieces of Western World Literature	3.0	C	3B	C2			
	ENGL 018#	Introduction to Mythology	3.0	C	3B	C2		X	
	ENGL 033#	Survey of African American Literature in the United States	3.0	C	3B	C2			
	ENGL 036#	Multi-Ethnic Literature in America	3.0	E	3B, SCC	C2, SCC			
	ENGL 038#	The California Experience in Literature	3.0	C	3B	C2			
	ENGL 044#	Introduction to Shakespeare	3.0	C	3B	C2			
	ENGL 058#	Creative Writing: The Literary Magazine I	3.0	C		C2			
Any course from List A or B not already used		3.0							

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ENGLISH

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
List D (3 units)	ENGL 005#	Advanced Composition	3.0						
	ENGL 049#	English Honors	1.0-3.0						
	ENGL 059#	Creative Writing: The Literary Magazine II	3.0						
	HUMN 001#	What it Means to be Human	3.0						
	Any course from List A, B, or C not already used			3.0					

The courses are listed in the suggested sequence

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details

Courses offered that are not in a Degree									
Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	ENGL 046	American Sign Language 1	3.0		6	C2	X	X*	X*
	ENGL 047	American Sign Language 2	3.0			C2		X*	X*
Basic Skills Courses									
	ENGL 310	Writing Skills Lab	0.5-1.5				X	X	X
	ENGL 310A	Introductory Reading and Writing Skills	1.5					X	X
	ENGL 350	Reading and Writing Skills for ESL Students	3.0					X*	X*
	ENGL 350L	English 350 Lab	1.5					X	X
	ENGL 355	Writing and Reading Skills	3.0					X*	X*
	ENGL 355L	English 355 Lab	1.5					X	X
	ENGL 359	Accelerated English	5.0					X	
	ENGL 360	Focused English Fundamentals	5.0					X	X*
	ENGL 370	English Fundamentals	3.0				X*	X*	X*
	ENGL 370L	English Fundamentals Lab	0.5				X*	X*	X*
	ENGL 380	Advanced English Fundamentals	3.0				X*	X*	X*
Reading Courses									
	ENGL 062	Analytical Reading	3.0					X*	tX*
	ENGL 331	Vocabulary Strategies for Reading Comprehension	3.0					X	X
	ENGL 353	Textbook Reading Strategies	3.0					X	X

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ENGLISH – ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER

Program Description

The Associate in Arts Degree in English for Transfer (AA-T) is for students who intend to complete a bachelor's degree in English at a CSU. Students will take courses in English as well as related fields required for English majors. This program teaches writing, critical thinking, reading, and research skills as they apply to the areas of composition, creative writing, and the analysis of literature. Course work in creative writing is presented in sequenced writing workshops and courses in literary publishing. Course work in literature explores primarily British and American writers through genre, survey, figure, and thematic courses.

Associate in Arts in English for Transfer

Students who complete this 19-unit major 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 English for Transfer degree, students must:

- Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (37-39 units) (11-13 Transferable Elective units)
 - A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. (19 units)
- Obtain a minimum grade point average of 2.0

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (19 units)	ENGL 002#	Critical Thinking and Writing About Literature	4.0	C	1B	A3	X*	X*	X*
	Select 2 courses (6 units) from List A		6.0						
	Select 2 courses (6 units) from List B		6.0						
	Select 2 courses (6 units) from List C		6.0						
List A (6 units)	ENGL 030#	Survey of American Literature I	3.0	C	3B	C2			X
	ENGL 031#	Survey of American Literature II	3.0	C	3B	C2		X	
	ENGL 040#	Survey of English Literature I	3.0	C	3B	C2		X	
	ENGL 041#	Survey of English Literature II	3.0	C	3B	C2			X
List B (6 units)	ENGL 006#	Creative Writing 1	3.0			C2		X*	X*
	ENGL 007#	Creative Writing II	3.0					X*	
	ENGL 010#	Creative Writing III	3.0					X*	
	ENGL 012#	Modern Women writers	3.0	C,E	3B, SCC	C2, SCC		X	
	ENGL 014#	The Bible as Literature	3.0	C	3B	C2			
	ENGL 016#	Masterpieces of Western World Literature	3.0	C	3B	C2			
	ENGL 018#	Introduction to Mythology	3.0	C	3B	C2		X	
	ENGL 021#	Introduction to Poetry	3.0	C	3B	C2			
	ENGL 023#	Introduction to the Modern Novel	3.0	C	3B	C2			X
	ENGL 024#	Introduction to the Short Story	3.0	C	3B	C2			
	ENGL 025#	Introduction to Drama as Literature	3.0	C	3B	C2			
	ENGL 033#	Survey of African American Literature in the United States	3.0	C	3B	C2			
	ENGL 036#	Multi-Ethnic Literature in America	3.0	E	3B, SCC	C2, SCC			X*
	ENGL 038#	The California Experience in Literature	3.0	C	3B	C2			
	ENGL 044#	Introduction to Shakespeare	3.0	C	3B	C2			
ENGL 058#	Creative Writing: The Literary Magazine I	3.0	C		C2			X	
	Any course from List A not already used		3.0						

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ENGLISH – ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
List C (6 units)	ENGL 005#	Advanced Composition	3.0						
	ENGL 059#	Creative Writing: The Literary Magazine II	3.0						
	HUMN 001#	What it Means to be Human	3.0		3B	C2		X	
	Any course from List A or B not already used			3.0					

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.

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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ENGLISH AS A SECOND LANGUAGE

Certificate of Achievement and Associate in Arts Degree

Not offered in this discipline.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
List C (6 units)	ESL 006#	ESL: Composition Skills	3.0						
	ESL 055#	Advanced ESL Reading	3.0						
	ESL 074#	Intermediate Integrated ESL Skills	6.0					X	X
	ESL 074A#	Intermediate Integrated ESL Skills Part 1	3.0					X*	
	ESL 074B#	Intermediate Integrated ESL Skills Part 2	3.0						X*
	ESL 077#	Conversation/Pronunciation Skills	3.0					X	X
	ESLL 077L	ESL 077 Lab	0.5					X	
	ESL 078#	Intermediate ESL Reading	3.0						
	ESL 079#	Intermediate Sentence Structure: The English Verb System	3.0						
	ESL 087#	Advanced Sentence Structure: Written English	3.0						
	ESL 094#	Advanced ESL Integrated Skills	6.0					X	X
	ESL 094A#	Advanced ESL Integrated Skills Part 1	3.0					X*	
	ESL 094B#	Advanced ESL Integrated Skills Part 2	3.0						X*
	ESL 310A	Introductory Reading and Writing Skills	1.5						
	ESL 330	ESL Lab	0.5-1.5					X	
	ESL 334	Introductory integrated ESL Skills: Reading, Writing, and Grammar	6.0					X	X
	ESL 334A	Introductory Integrated ESL Skills: Reading, Writing, and Grammar Part 1	3.0					X*	
	ESL 334B	Introductory Integrated ESL Skills: Reading, Writing, and Grammar Part 2	3.0						X*
	ESL 359	Accelerated English	5.0						
	ESL 372	Fundamentals of ESL Reading	3.0						
ESL 373	ESL Basic Oral Communication Skills	3.0					X	X	
ESL 373L	ESL 373 Lab	0.5					X		
ESL 374	Fundamentals of ESL Grammar	3.0							

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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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 of Arts Degree

The Associate of 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (18 units)	SOCS 022	Ethnic, Racial and Minority Group Relations in Harmony and Conflict	3.0	B2, E	4C, SC	D3, SCC		X	X*
	ART 012	Inside/Outside: The Cultures and Identities of Visual Artists in a Diverse America	3.0	C, E	3A, SCC	C1, SCC		X	
	OR								
	MUSC 007	Jazz and Popular Music in America: Ragtime to Rock	3.0	C	3A	C1			X
	OR								
	MUSC 013	Multicultural Music in America	3.0	C, E	3A, SCC	C1, SCC	X*	X*	X*
	COUN 055	Valuing Diversity	3.0	B2, E	SCC	D3, SCC	X	X*	X*
	HIST 028	African American history to 1877	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2	X	X*	
	OR								
	HIST 029	African American History Since 1865	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2			X*
	OR								
	PLSC 005	Constitutional Rights in a Multicultural Society	3.0	B1, E	4C, 4H, CSU1, SCC	D3, D8, CSU1, SCC			X
	OR								
	SOCS 030	Peace, Non-Violence, and Conflict Resolution	3.0	B2	4G	D7			X*
OR									
SOCS 053	Civil Rights, Non-Violence, and Race Relations	3.0			D3, D7	X			
Electives List (6 units)	Select 6 units from the Electives List		6.0						
	ANTH 002	Cultural Anthropology	3.0	A	5B	B2	X	X	X*
	COUN 055%	Valuing Diversity	3.0	B2, E	SCC	D3, SCC	X	X*	X*
	ENGL 033#	Survey of African American Literature in the United States	3.0	C	3B	C2			
	ENGL 036#	Multi-Ethnic Literature in America	3.0	3B, SCC	C2, SCC				X*
	HIST 028%	African American history to 1877	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2		X	X*

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ETHNIC STUDIES

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	HIST 029%	African American History Since 1865	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2			X*
	HIST 031	Mexican American/Chicano History	3.0	B2	3B, 4F	C2, D3, D6			
	HS 053	Serving Special Populations	3.0					X	X
	JAPN 101	Conversational Japanese	3.0						
	JAPN 102#	Conversational Japanese	3.0						
	MUSC 007%	Jazz and Popular Music in America: Ragtime to Rock	3.0	C	3A	C1			X
	MUSC 013%	Multicultural Music in America	3.0	C, E	3A, SCC	C1, SCC	X*	X*	X*
	PLSC 005	Constitutional Rights in a Multicultural Society	3.0	B1, E	4C, 4H, CSU1, SCC	D3, D8, CSU1, SCC			X
	PSYC 007	Cross-Cultural Psychology	3.0	E				X	
	SOC 002	Social Issues and Problems	3.0	B1	4J	D0	X	X*	X
	SOC 023	Sociology of African Americans	3.0	B2	4J	D0, D3			X
	SOCS 025	Mexican-American Experience	3.0						
	SOCS 027	Native American Experience	3.0						
	SOCS 053%	Civil Rights, Non-Violence, and Race Relations	3.0			D3, D7	X		
	SPAN 001	First Semester Spanish	5.0		6	C2		X*	X*
	SPAN 002#	Second Semester Spanish	5.0		3B	C2		X*	X*
	SPAN 003#	Third Semester Spanish	5.0		3B	C2		X	X
	SPAN 004#	Fourth Semester Spanish	5.0		3B	C2		X	
	SPAN 025#	Introduction to Latin-American Culture: Exploration of Identity Through Essay, Film and Short Story	3.0	C	3B	C2			X
	THEA 013	Diversity in American Theatre: A Contemporary Focus	3.0	C, E	3A, SCC	C1, SCC			

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.
% If not previously taken for the major

Umoja Program Scholars

Students enrolled in the Umoja Program at Solano Community College continue to achieve exemplary success. The program continues to provide essential services to students that include, but are not limited to: mentoring, learning communities, tutoring, access to social workers, academic/personal counselors, motivational speakers, field trips, culturally relevant courses and a variety of community-based services.

Umoja continues to take a holistic approach that centers on the whole student including students' academic and personal needs. For the programs tangible and intangible success, Umoja was awarded with the distinct Chancellor's Award for Student Success in 2014. For more information: call 707 864-7134 * email umoja@solano.edu or visit www.solano.edu/umoja. The photo features students who attend the "Black Lives Matter" rally in Sacramento...November 2015.



Need more information?

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FILM AND TELEVISION

Program Description

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

Associate of Arts Degree

The Associate of 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (19-20 units)	CINA 010	The Art of Cinema	3.0	C	3A	C1	X*	X*	X*
	CINA 015	Film Production	4.0					X	X
	TV 050	Survey of Broadcasting	3.0	C		D7		X	X
	TV 055	Beginning Television Production	3.0					X	X
	TV 056	Advanced Television Production	3.0					X*	X
	OR								
	CINA 016	Film Production	4.0					X	X
	TV 060	Television and Film Writing	3.0					X	X

Courses offered that are not Film and Television Degree

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	CINA 011	American Cultures in Film	3.0	C,E	3A, SCC	C1, SCC	X*	X*	X*

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> • View course offerings, description & prerequisite information • Sort classes by type (time, location, online, late-start, short term) • View instructor contact information
	MySolano Class finder allows you to:	

FIRE TECHNOLOGY

Program Description

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

Associate of 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 of 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (30 units)	FIRE 050%	Principles of Emergency Services	3.0				X*	X*	X*
	FIRE 051	Fire Behavior & Combustion	3.0						X
	FIRE 053	Fire Prevention	3.0					X	X
	FIRE 054	Fire Protection Systems	3.0						
	FIRE 055	Fundamentals of Fire Service Operations	3.0						
	FIRE 056	Building Construction For the Fire Service	3.0					X	
	Select 12 units from electives			12.0					
Electives (Select 12 units)	FIRE 102%	Fire Service Safety Practices	3.0						
	FIRE 114	Fire Apparatus Maintenance	3.0						
	FIRE 140	Fire Technology Academy	24.0						X
	IT 120	Electrical Safety	3.0						
	OCED 090	Occupational Work Experience	1.0-8.0					X*	X*

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

% Fire service personnel may take Fire Technology electives in lieu of these courses 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/ and select "Fire Technology."

Information on State Fire Marshal Certification

The following Solano College courses satisfy the course requirements for the indicated

State Fire Marshal Certification:

Investigator I –FIRE 145 & 146

Public Education Officer I –FIRE 134 & 135

Fire Instructor I –FIRE 170 & 171

Prevention Officer I –FIRE 134, 135, & 136

Prevention Officer II –FIRE 174, 196, 176

Chief Officer –FIRE 165, 166, 167, 168, 185, 186, 187, 188, 189

Need more information?

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FOREIGN LANGUAGES – FOREIGN LANGUAGES, GENERAL

Program Description

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

Associate in Arts Degree

The Associate of Arts Degree can be obtained by completing a total of 60 units, including a minimum of 20 units from the courses listed below in at least two different languages, the general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
(Minimum 20 units in at least two different languages)	French								
	FREN 001	First Semester French	5.0		6	C2		X	X
	OR								
	FREN 031	First Semester French, Part 1	3.0			C2		X	X*
	AND								
	FREN 032#	First Semester French, Part 2	3.0		6	C2			X*
	FREN 002#	Second Semester French	5.0		3B, 6	C2		X	X
	FREN 003#	Third Semester French	5.0		3B, 6	C2		X	
	FREN 004#	Fourth Semester French	5.0		3B, 6	C2			
	FREN 011#	Conversational French	3.0			C2			X
	FREN 012#	Intermediate French Conversation	3.0			C2			X
	German								
	GRMN 001	First Semester German	5.0		6	C2			
	OR								
	GRMN 031	First Semester German, Part 1	3.0			C2			
	AND								
	GRMN 032#	First Semester German, Part 2	3.0		6	C2			
	GRMN 002#	Second Semester German	5.0		6	C2			
	OR								
	GRMN 033#	Second Semester German, Part 1	3.0		6	C2			
	AND								
	GRMN 034#	Second Semester German, Part 2	3.0		6	C2			
	GRMN 003#	Third Semester German	5.0		6	C2			
	GRMN 004#	Fourth Semester German	5.0		6	C2			
	GRMN 011#	Conversational German	3.0			C2			
	GRMN 012#	Intermediate German Conversation	3.0			C2			
	Spanish								
	SPAN 001	First Semester Spanish	5.0		6	C2		X*	X*
	OR								
	SPAN 031	First Semester Spanish, Part 1	3.0			C2	X	X*	X*
	AND								
	SPAN 032#	First Semester Spanish, Part 2	3.0		6	C2		X*	X*
	SPAN 002#	Second Semester Spanish	5.0		3B, 6	C2		X*	X*
	OR								
	SPAN 033#	Second Semester Spanish, Part 1	3.0		3B, 6	C2		X*	
	AND								
SPAN 034#	Second Semester Spanish, Part 2	3.0		3B, 6	C2		X*	X*	
SPAN 003#	Third Semester Spanish	5.0		3B, 6	C2		X	X	
SPAN 004#	Fourth Semester Spanish	5.0		3B, 6	C2		X		
SPAN 011#	Conversational Spanish	3.0			C2	X		X*	
SPAN 012#	Intermediate Spanish Conversation	3.0			C2				

Need more information?

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FOREIGN LANGUAGES – FOREIGN LANGUAGES, GENERAL

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	Latin								
	LATN 001	Latin Fundamentals	3.0			C2			
	LATN 002#	Latin Fundamentals	3.0		6	C2			
	LATN 003#	Latin Fundamentals	3.0		6	C2			

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

<p>Need more information?</p>	<p>my.solano.edu - Click on Schedule</p> <p>MySolano Class finder allows you to:</p>	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
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FOREIGN LANGUAGES – FOREIGN LANGUAGES, INDIVIDUAL

Program Description

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

Associate in Arts Degree

The Associate of Arts Degree can be obtained by completing a total of 60 units, including a minimum of 20 units from the courses listed below in at least two different languages, the general education requirements, and electives. All courses in the major must be completed with a grade of C or better or a P if the course is taken on a Pass/No Pass basis.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
French									
	FREN 001	First Semester French	5.0		6	C2		X	X
	FREN 002	First Semester French, Part 2	5.0		3B, 6	C2		X	X
	FREN 003	Third Semester French	5.0		3B, 6	C2		X	
	FREN 004	Fourth Semester French	5.0		3B, 6	C2			
	FREN 011	Conversational French	3.0			C2			X
	FREN 012	Intermediate French Conversation	3.0			C2			X
	FREN 031	First Semester French, Part 1	3.0			C2		X	X*
	FREN 032	First Semester French, Part 2	3.0		6	C2			X*
	FREN 049	French Honors	1.0-3.0						
German									
	GRMN 001	First Semester German	5.0		6	C2			
	GRMN 002	Second Semester German	5.0		6	C2			
	GRMN 003	Third Semester German	5.0		6	C2			
	GRMN 004	Fourth Semester German	5.0		6	C2			
	GRMN 011	Conversational German	3.0			C2			
	GRMN 012	Intermediate German Conversation	3.0			C2			
	GRMN 031	First Semester German, Part 1	3.0			C2			
	GRMN 032	First Semester German, Part 2	3.0		6	C2			
	GRMN 033	Second Semester German, Part 1	3.0		6	C2			
	GRMN 034	Second Semester German, Part 2	3.0		6	C2			
	GRMN 049	German Honors 1	3.0						
Spanish									
	SPAN 001	First Semester Spanish	5.0		6	C2		X*	X*
	SPAN 002	Second Semester Spanish	5.0		3B, 6	C2		X*	X*
	SPAN 003	Third Semester Spanish	5.0		3B, 6	C2		X	X
	SPAN 004	Fourth Semester Spanish	5.0		3B, 6	C2		X	
	SPAN 011	Conversational Spanish	3.0			C2	X		X*
	SPAN 012	Intermediate Spanish Conversation	3.0			C2			
	SPAN 025	Introduction to Latin American Culture: An Exploration of Identity Through Essay, Film, and Short Story	3.0						
	SPAN 031	First Semester Spanish, Part 1	3.0			C2	X	X*	X*
	SPAN 032	First Semester Spanish, Part 2	3.0		6	C2		X*	X*
	SPAN 033	Second Semester Spanish, Part 1	3.0		3B, 6	C2		X*	
	SPAN 034	Second Semester Spanish, Part 2	3.0		3B, 6	C2		X*	X*
	SPAN 049	Spanish Honors	1.0-3.0						
	SPAN 061M	Beginning Spanish, Part 1 for Medical Workers	3.0						X*
	SPAN 062M	Beginning Spanish, Part 2 for Medical Workers	3.0						
	SPAN 063M	Beginning Spanish, Part 3 for Medical Workers	3.0						
	SPAN 064M	Beginning Spanish, Part 4 for Medical Workers	3.0						

Need more information?

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FOREIGN LANGUAGES – FOREIGN LANGUAGES, INDIVIDUAL

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC- GE	IGETC	CSU- GE	* = night class available		
	SPAN 001S	Spanish for Spanish Speakers 1	5.0						
	SPAN 002S	Spanish for Spanish Speakers 2	5.0						
	Latin								
	LATN 001	Latin Fundamentals	3.0						
	LATN 002	Latin Fundamentals	3.0						
	LATN 003	Latin Fundamentals	3.0						

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

<p>Need more information?</p>	<p>my.solano.edu - Click on Schedule</p> <p>MySolano Class finder allows you to:</p>	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
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FOREIGN LANGUAGES – 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 of 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Cored (23 Units)	SPAN 001	First Semester Spanish	5.0		6	C2		X*	X*
	SPAN 002#	Second Semester Spanish	5.0		3B, 6	C2		X*	X*
	SPAN 003#	Third Semester Spanish	5.0		3B, 6	C2		X	X
	OR								
	SPAN 001S#	Spanish for Spanish Speakers 1	5.0						
	SPAN 004#	Fourth Semester Spanish	5.0		3B, 6	C2		X	
	OR								
	SPAN 002S#	Spanish for Spanish Speakers 2	5.0						
	Select 3 units from List A		3.0						
List A	HIST 031	Mexican American/Chicano History	3.0	B2	3B, 4F	C2, D3, D6			
	SPAN 011#	Conversational Spanish	3.0			C2	X		X*
	SPAN 012#	Intermediate Spanish Conversation	3.0			C2			
	SPAN 025#	Introduction to Latin American Culture: An Exploration of Identity Through Essay, Film, and Short Story	3.0		3B	C2			
	SPAN 026#	Spanish Cinema for Conversation	3.0		3B	C2			
	SOCS 022	Ethnic, Racial and Minority Group Relations in Harmony and Conflict	3.0	B2		D3	X*		X*
	SOCS 025	Mexican American Experience	3.0	B2	4G	D3			

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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GEOGRAPHY – ASSOCIATES IN ARTS IN GEOGRAPHY FOR TRANSFER

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.

Associate 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (19-22 Units)	GEOG 001	Physical Geography	3.0	A	5A	B1	X	X	X
	GEOG 001L#	Physical Geography Laboratory	1.0		5C	B3		X	X*
	GEOG 002	Cultural Geography	3.0	B2	4E	D5			X
	Select 2 – 3 courses (6 – 9 units) from List A		6.0-9.0						
	Select 2 courses (6 units) from List B		6.0						
List A	GEOG 004	World Geography	3.0	B2	4E	D5		X	
	GEOG 006	California Geography	3.0	B2	4E	D5			X*
	GEOG 010	Introduction to Geographic Information Systems	3.0						
List B	ANTH 002	Cultural Anthropology	3.0	B2	4A	D1	X	X*	X*
	GEOL 001	Physical Geology	3.0	A	5A	B3	X	X	X
Required Major Total Unit			19.0-22.0						
CSU General Education or IGETC Patter Units			37.0-39.0						
CSU Transferable Electives (as needed to reach 60 transferable units)*			15.0-17.0						
Total Degree Units			60.0						

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Need more information?	my.solano.edu - Click on Schedule MySolano Class finder allows you to:	<ul style="list-style-type: none"> • View course offerings, description & prerequisite information • Sort classes by type (time, location, online, late-start, short term) • View instructor contact information
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GEOGRAPHY – ASSOCIATES IN ARTS IN GEOGRAPHY FOR TRANSFER

This degree includes a class in GIS (Geographic Information System). GIS is an important tool that lets students visualize, question, analyze, and interpret data to understand relationships, patterns, and trends. GIS has uses that are applicable across many disciplines, for example: land management, city planning, healthcare, forestry, biology, and business.

Career Opportunities in GEOGRAPHY

Geography is an integrative discipline that offers a knowledge base appropriate for many diverse academic and professional career paths, including secondary school, college, and university teaching and research, environmental conservation, land use planning, global change research, marketing, and applications of remote sensing and geographic information systems technology.

For additional information please contact Danielle C. Widemann by phone (707) 864-7000 x4529 or e-mail Danielle.Widemann@solano.edu.



Need more information?

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HISTORY – ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER

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 (37-39 units) (11-18 transferable units)%
 - 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (18 units)	HIST 002	World History to 1500	3.0	C	3B, 4F	C2, D6	X	X	X
	OR								
	HIST 004	History of Western Civilization to 1500	3.0	C	3B, 4F	C2, D6		X	X
	HIST 003	Modern World History	3.0	C	3B, 4F	C2, D6	X	X	X
	OR								
	HIST 005	History of Western Civilization Since 1500	3.0	C	3B, 4F	C2, D6		X	X
	HIST 017	History of the United States to 1865	3.0	B1	3B, 4F CSU2	C2, D6 CSU2	X*	X*	X*
	AND								
	HIST 018	History of the United States from 1865	3.0	B1	3B, 4F, CSU2	C2, D6, CSU2	X*	X*	X*
	Select six units from the electives below								
I. United States	HIST 010	California History	3.0	B2	3B, 4F	C2, D6		X	
	HIST 028	African American History to 1877	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2		X	X*
	HIST 031	Mexican American/Chicano History	3.0	B2	3B, 4F	C2, D3, D6			
	HIST 037	Women in American History	3.0	B1, E	3B, 4F CSU2, SCC	C2, D4, D6 CSU2, SCC	X*	X	X*
II. World History	HIST 002	World History to 1500	3.0	C	3B, 4F	C2, D6	X	X	X
	HIST 003	Modern World History	3.0	C	3B, 4F	C2, D6	X	X	X
	HIST 004	History of Western Civilization to 1500	3.0	C	3B, 4F	C2, D6		X	X
	HIST 005	History of Western Civilization Since 1500	3.0	C	3B, 4F	C2, D6		X	X
III. Ethnicity and Gender Studies	HIST 028	African American History to 1877	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2		X	X*
	HIST 029	African American History Since 1865	3.0	B1	3B, 4F, CSU2	C2, D3, D6, CSU2			X*
	HIST 031	Mexican American/Chicano History	3.0	B2	3B, 4F	C2, D3, D6			
	HIST 037	Women in American History	3.0	B1, E	3B, 4F, CSU2, SCC	C2, D4, D6, CSU2, SCC	X*	X	X*

* 6-15 units may be double counted toward both the major area of emphasis and CSU General Education or IGETC Pattern.

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
	MySolano Class finder allows you to:	

HORTICULTURE – HORTICULTURE AND PLANT SCIENCE

Program Description

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

Certificate of Achievement and Associate of 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 of 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (23 Units)	HORT 006	Identification and Ecology of Landscape Plant Materials	4.0						
	HORT 030	Landscape Design I	3.0					X	
	HORT 050	Introduction to Horticulture	3.0	A				X*	X*
	HORT 055	Soils and Fertilizers	3.0						
	HORT 056	Landscape Pest Control and Management	4.0						
	HORT 070	Landscape Construction and Estimation	3.0					X	
	HORT 071	Irrigation Principles	3.0					X	

Landscape Worker Job-Direct Certificate

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

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
(10 Units)	HORT 006	Identification and Ecology of Landscape Plant Materials	4.0						
	HORT 050	Introduction to Horticulture	3.0					X	
	HORT 071	Irrigation Principles	3.0					X	
Students will be required to complete 80 hours of cooperative supervised work experience to receive credit.									

Courses offered that are not in Horticulture Degree

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	HORT 301A	Adaptive Horticulture-Basic Skills and Practices	2.0				X		
	HORT 301B	Adaptive Greenhouse Management	2.0					X	
	HORT 301C	Adaptive Nursery management	2.0					X	
	HORT 301D	Adaptive vegetable and Orchard Management	2.0					X	
	HORT 301E	Adaptive Plant Propagation	2.0					X	

Need more information?

my.solano.edu - Click on Schedule

MySolano Class finder allows you to:

- View course offerings, description & prerequisite information
- Sort classes by type (time, location, online, late-start, short term)
- View instructor contact information

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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (23 Units)	HS 051	Introduction to Human Services	3.0					X	X
	COUN 062	Helping Skills: Creating Alliances & Facilitating Change	3.0					X	
	HS 053	Serving Special Populations	3.0					X	X
	HS 054#	Introduction to Group Processes	3.0					X*	X
	HS 055#	Introduction to Case Management	3.0					X*	X
	COUN 064A#	Practicum I	4.0					X*	
	COUN 064B#	Practicum II	4.0					X*	

The courses are listed in the suggested sequence

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

The value of this program remains consistent since its inception—to help serve the needs of the community. When looking at Labor Market Data for Social and Human Service Assistants, we find that employees on average made \$17.25 an hour—with those in the 75th percentile being paid \$21.033 per hour. Projections of Employment (Outlook or Demand) are promising for students trained in Human Services. Between 2010-2020, employment is estimated at 34,600 with 42,200 being projected (a 22% increase). This results in 7500 additional openings for net replacements in California alone! What is evident is that the Human Services Program provided at SCC does not only benefit our local community, but abroad as well.

Need more information?	my.solano.edu - Click on Schedule	<ul style="list-style-type: none"> • View course offerings, description & prerequisite information • Sort classes by type (time, location, online, late-start, short term) • View instructor contact information
	MySolano Class finder allows you to:	

INDUSTRIAL EDUCATION – MECHATRONICS

Program Description

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

Certificate of Achievement and Associate of Science Degree

A Certificate of Achievement can be obtained upon completion of the 42-unit major listed below. The Associate of 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.

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
Required Core (42 Units)	CIS 001	Introduction to Computer Science	3.0				X*	X*	X*
	IT 050	Alternative Energy Technologies	3.0					X	
	IT 101	How Things Work	3.0						X
	IT 151	Vocational Mathematics	3.0				X*	X	X
	MT 120	Principles of Analog Electronics	3.0					X	X
	MT 122	Principles of Digital Electronics	3.0						X
	MT 130	Principles of Mechanical Power Systems	3.0					X*	
	MT 132	Principles of Fluid Power Systems	3.0						X
	MT 140	Principles of Industrial Electrical Systems	3.0					X	X*
	MT 142	Principles of electrical Machinery	3.0					X*	X*
	MT 162	Robotic Manufacturing Systems	3.0					X*	
	MT 164	Programmable Logic Controllers	3.0						X*
Electives Selected from List A			6.0						
List A (Select 6 units)	ACR 100	Air Conditioning and Refrigeration	3.0					X*	
	OR		3.0						
	ACR 101	Air Conditioning and Refrigeration	3.0						X*
	DRFT 045	Introduction to Computer-Aided Drafting (CAD)	3.0					X	X*
	DRFT 050	Basic Drafting	3.0						
	DRFT 079	Blueprint Reading	3.0				X	X	X
	IT 110	Modern Welding	3.0				X		
	IT 120	Electrical Safety	3.0						
	IT 140	Industrial Materials	3.0						
	OCEC 070	Occupational Soft Skills	3.0					X	X
OCEC 090	Occupational Work Experience	1.0-6.0					X*	X*	

These courses have at least one prerequisite. Please see MySolano Class finder and your counselor for further details.

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

Courses offered that are not in Mechatronics Degree

Category	Course No.	Course Name	Units	General Education Option			2016-2017 Term Offered		
				A	B	C	Summer	Fall	Spring
				SCC-GE	IGETC	CSU-GE	* = night class available		
	IT 111	Modern Welding	3.0				X		

Need more information?	my.solano.edu - Click on Schedule MySolano Class finder allows you to:	<ul style="list-style-type: none"> View course offerings, description & prerequisite information Sort classes by type (time, location, online, late-start, short term) View instructor contact information
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