Dance Department

DEGREES: Dance (AA)

COURSES: DANC (Dance)

CONTACT INFORMATION:

School of Health Sciences

Building: 800 Room 805B Phone Number: (707) 864-7108 Fax Number: (707) 646-2062

Dean: Sheila Hudson

Administrative Assistant: Janet Schwartz

Faculty Contact: Ginger Cain



P.A.C.E. - VISUAL, PERFORMANCE, AND LANGUAGE ARTS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to express yourself creatively and using imagination or intuition?
- ...enjoys feeling free to be inventive without limits?
- ...likes to inform, enlighten, help, or teach, using your skills with words and physicality to serve people?
- ...is interested in self-expression and thinking critically on the world in which we live?

P.A.C.E. - HEALTH AND HUMAN SERVICES- A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to inform, enlighte, help, teach, counsel, or cure people?
- ...enjoys using your skills to serve people?
- ...Likes to work hands-on with objects, machines, and tools and/or use your physical or athletic abilities?
- ... is interested in working in a medical environment?

Dance

Associate in Arts

Program Description

This program is designed for students planning to transfer to a four-year university to major or minor in dance. A comprehensive dance education will develop skills required to create, perform, communicate and grasp the essence of dance. These skills are acquired through the study of modern dance, ballet technique, jazz technique, hip-hop technique, ballroom technique, performance, as well as dance production, dance appreciation, choreography composition and music fundamentals.

The Associate of Arts can be obtained upon completion of the 19-unit major, General Education, and electives as needed to complete a minimum of 60 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.

Program Outcomes

Students who complete the Dance Associate in Arts will be able to:

- 1. Demonstrate the skills required to perform at a proficient level in a variety of dance styles including ballet, jazz, hip-hop, and modern dance.
- 2. Demonstrate an understanding and appreciation for the principal, historical, theoretical, and critical approaches to dance as a performing art.
- 3. Demonstrate a working knowledge of production techniques, including backstage, and show management.

REQUIRED COURSES	Units
DANC 004 Dance Appreciation	3
DANC 004E Dance Production	3
DANC 004G Dance Choreography	2
1 course from Music	3
5 courses from Beginning Dance	5
3 courses from Intermediate Dance	3
Required Major Total Units	19
Music (select one course)	. Units
MUSC 008 Music Appreciation	3
MUSC 013 Multicultural Music in America	3

Drafting Department

DEGREES:

Drafting and Design (AS) Survey and Civil Drafting (AS)

CERTIFICATES OF ACHIEVEMENT Drafting and Design Survey and Civil Drafting

Maker Space Technology

JOB-DIRECT LOW UNIT CERTIFICATE Computer Aided Drafting (CAD) Technician

COURSES: DRFT (Drafting)

CONTACT INFORMATION:

School of Applied Technology and Business

Building: 500 Room 509 Phone Number: (707) 864-7229 Fax Number: (707) 864-7190

Dean: Lisa Neeley

Administrative Assistant: Jill Crompton

Faculty Contact: Karen Cook



P.A.C.E. - INDUSTRIAL AND APPLIED TECHNOLOGY - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to work hands-on with objects, machines, tools, plants, or animals?
- ...enjoys work and play outside, insluding use your physical or athletic abilities?
- ...likes to follow directions to organize, plan and complete a project or task?
- ...is interested in attaining employment as soon as possible?

P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Drafting and Design Technician

Certificate of Achievement and Associate in Science

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.

The Certificate of Achievement can be obtained upon completion of the 31-31.5-unit major. The Associate in Science can be obtained by completing the 31-31.5-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/ No Pass basis.

Program Outcomes

Students who complete the Drafting and Design Technician Certificate of Achievement/Associate will be able to:

- 1. Demonstrate proficiency using industry standard computer aided drafting/design CAD (AutoCAD) software program.
- 2. Demonstrate proficiency at reading, drawing, and dimensioning industry standard mechanical drawings.
- 3. Demonstrate proficiency at reading, drawing, and dimensioning industry standard civil drawings.
- 4. Demonstrate proficiency at reading, drawing, and dimensioning industry standard electronic drawings.
- 5. Demonstrate proficiency at reading, drawing, and dimensioning industry standard architectural drawings.

REQUIRED COURSESUni	ts
DRFT 045 Introduction to	
Computer-Aided Drafting (CAD)	4
DRFT 055 Mechanical Drafting - Level I	3
DRFT 058 Solid Modeling with Solidworks	3
DRFT 060 Architectural Drafting I	3
DRFT 075 Electronic Drafting	3
DRFT 080 Civil Drafting I	3
DRFT 161 Introduction to REVIT	
Architecture Software	3
IT 140 Industrial Materials	3
IT 151 Vocational Mathematics	3
IT 171 Making Things 1 - 3D Technology	1
IT 172 Making Things 2 - 2D Technology	1
One Course from List A1-1	.5
Required Major Total Units31-31	.5

List A: (Select one course)	Units
OCED 070 Occupational Soft Skills	1.5
OCED 090 Occupational Work Experience	1
OCED 091 General Work Experience	1

Survey and Civil Drafting Technician

Certificate of Achievement and Associate in Science

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.

The Certificate of Achievement can be obtained upon completion of the 26-26.5-unit major. The Associate in Science may be obtained by completing the 26-26.5-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Survey and Civil Drafting Technician Certificate of Achievement/Associate Degree will be able to:

- 1. Demonstrate proficiency using industry standard computer aided drafting/design CAD (AutoCAD) software program.
- 2. Demonstrate proficiency at reading, drawing and dimensioning industry standard civil drawings.
- 3. Demonstrate basic understanding in using industry standard survey equipment including Transit, Theodolite, and Level.

REQUIRED COURSES
DRFT 045 Introduction to
Computer-Aided Drafting (CAD)4
DRFT 060 Architectural Drafting I3
DRFT 080 Civil Drafting I3
DRFT 140 Surveying 3
DRFT 161 Introduction to
REVIT Architecture Software3
IT 151 Vocational Mathematics 3
One course from List A 3
One course from List B1-1.5
One course from List C 3
Required Major Total Units26-26.5

List A: (select one course) Units
GEOL 010 Introduction to
Geographic Information Systems
GEOG 010 Introduction to Geographic
Information Systems 3
List B: (select one course) Units
OCED 070 Occupational Soft Skills 1.5
OCED 090 Occupational Work Experience1
OCED 091 General Work Experience 1
List C: (select one course) Units
GEOL 001 Physical Geology 3
GEOL 005 Geology of California 3
IT 050 Alternative Energy Technologies

Maker Space Technology

Certificate of Achievement

Program Description

This program is an overview of basic design of manufacturing skills and concepts. Students will learn basic 2D and 3D CAD (Computer Aided Design) skills and how to output those designs using common Maker Space machines and tools such as 3D printers, laser cutters, and CNC (Computer Numeric Controlled) machines. The program also provides a basic overview of manufacturing systems such as motors, wiring and controllers, and the related career opportunities available to individuals with these skills.

The Certificate of Achievement can be obtained upon completion of the 16.5-18-unit major. All courses must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Maker Space Technology Certificate of Achievement will be able to:

- 1. Demonstrate an understanding of the main principles of Mechatronics.
- 2. Demonstrate an ability to safely use a 3D printer, laser cutter, CNC machine, basic hand and power tools, and basic electronics.
- 3. Demonstrate and ability to create a CAD drawing and output to a Maker Space machine.

REQUIRED COURSES	Units
IT 101 Introduction to Mechatronics	
IT 171 Making Things 1 – 3D Technology	1
IT 172 Making Things 2 - 2D Technology	1
IT 173 Making Things 3 – Tool Use and Safety	1
IT 174 Making Things 4 – Basic Electronics	1
IT 175 Maker Space Technology Lab I	1.5
IT 176 Maker Space Technology Lab II	1.5
IT 179 Making Things 5 - Sewing Fundamentals	1
One Course from List A	1.5-3
Select Option A or Option B	4
Required Major Total Units	16.5-18

List A (select one course)	. Units
DRFT 151 3D Modeling with Fusion 360	1.5
DRFT 058 Solid Modeling with Solidworks	3
Select Option A or Option B Option A	Units
DRFT 045 Introduction to	
Computer-Aided Drafting (CAD)	4
Option B	
DRFT 145 AutoCAD Basics	1
DRFT 079 Blueprint Reading	3

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

Computer Aided Drafting (CAD) Technician

Job-Direct Low Unit Certificate

REQUIRED COURSES	Units
DRFT 045 Introduction to	
Computer-Aided Drafting (CAD)	4
DRFT 079 Blueprint Reading	
One course from List A	
One course from List B	
Total Units	13

List A: (select one course)	Units
DRFT 058 Solid Modeling with Solidworks	3
DRFT 161 Introduction to	
REVIT Architecture Software	3
List B: (select one course)	Units
DRFT 055 Mechanical Drafting - Level I	
	3
DRFT 055 Mechanical Drafting - Level I	3 3
DRFT 055 Mechanical Drafting - Level I DRFT 060 Architectural Drafting I	

Economics Department

DEGREES: Economics (AS-T)

COURSES: ECON (Economics)

CONTACT INFORMATION:

School of Applied Technology and Business

Building: 500 Room 509 Phone Number: (707) 864-7229 Fax Number: (707) 864-7190

Dean: Lisa Neeley

Administrative Assistant: Jill Crompton

Faculty Contact: Laura Maghoney



P.A.C.E. - BUSINESS AND MANAGEMENT - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to influence, lead or manage to reach your personal or organizational goals and/or economic gain?
- ...enjoys facts, numbers, and details?
- ...likes to carry out tasks in detail or to follow through on other's instructions?
- ...is interested in learning about how to turn your ideas into a sustainable business?

Guided Pathways: ECONOMICS AA-T

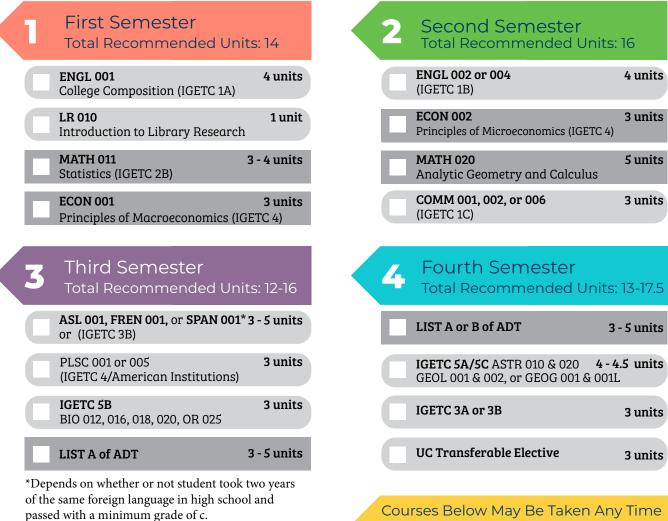
Associate in Arts for Transfer | GE Pattern: IGETC| | Program Total Units: 61 - 69.5

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Economist • Economics Teacher • Banking • Financial or Market Analyst • Actuary

What your potential plan could look like...







Rounded, lighter color: GE Courses/Categories Courses Below May Be Taken Any Time (Fall, Spring or Summer) Total Recommended Units: 6

- HIST 017, 018, 028, 029, or 037
 3 units

 (IGETC 3B/American Institutions)
 - ART 012, CINA 011, MUSC 013 or 3 unit THEA 013 (IGETC 3A/Cross Cultural)



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

Program Description

This program is designed to provide an opportunity for economics majors to achieve an Associate in Arts in Economics while completing the requirements for transfer to a California State University (CSU). This program is designed to introduce to students economic concepts and models, enabling them to analyze to specific situations and predict their outcomes.

The Associate in Arts in Economics for Transfer is appropriate for students who plan to complete a bachelor's degree in Economics at a CSU campus. A baccalaureate degree is recommended preparation for those considering careers in economics. Students completing and Associate in Arts in Economics for Transfer are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus with the Associate in Arts in Economics 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 Economics 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 Economics for Transfer, students must:

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

Program Outcomes

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

- 1. Analyze markets recognizing how outcomes may differ as a result of different market structures and changes in the market.
- 2. Evaluate the economic conditions of an economy, recommending appropriate monetary and fiscal policies.
- 3. Assess the costs and benefits of free trade and identify the impacts of trade barriers on the outcomes of trade.

REQUIRED COURSES Units
ECON 001 Principles of Economics (Macroeconomics) 3
ECON 002 Principles of Economics (Microeconomics) 3
MATH 011 Elementary Statistics 4
MATH 020 Analytic Geometry and Calculus I 5
Two Courses from List A
Required Major Total Units21-24

List A: (select two courses)	Units
MATH 021 Analytic Geometry and Calculus II	5
MATH 022 Analytic Geometry and Calculus III	4
MATH 023 Differential Equations	4
MATH 040 Introduction to Linear Algebra	3
CIS 015 Programming in Visual Basic.NET	3
BUS 018 Legal Environment of Business	3
ACCT 001 Principles of Accounting - Financial	4
ACCT 002 Principles of Accounting - Managerial	4

Education Department

DEGREES: Elementary Teacher Education (AA-T)

COURSES: EDUC (Education) **CONTACT INFORMATION:** School of Social and Behavioral Sciences

Building: 700 Room 729 Phone Number: (707) 864-7000 x7251 Fax Number: (707) 646-7701

Dean: Sandy Lamba Administrative Assistant: Janet Leary Faculty Contact: Anthony "Tony" Ayala Amy Obegi Tasha Smith



P.A.C.E. - EDUCATION, BEHAVIORAL SCIENCE, AND THE SOCIAL WORLD - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to question and explore physical, biological, or cultural happenings?
- ...enjoys using your skills with words to serve people?
- ...likes to observe, learn, analyze, evaluate, or solve problems?
- ...is interested in how social systems and society works?

Associate in Arts in Elementary Teacher Education for Transfer (ADT: A.A.-T)

Program Description

This program provides a strong liberal studies foundation for students seeking to teach in an elementary school. The coursework is designed to meet the introductory content area subject matter requirements for teaching at the elementary school level.

The Associate in Arts in Elementary Teacher Education for Transfer is designed specifically for transfer, providing the breadth and depth of coursework necessary for students who seek to study liberal arts and education coursework at the CSU in preparation for a career in elementary school teaching. Students completing the AA-T are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts the AA-T in Elementary Teacher Education will be required to complete no more than 60 units after transfer to earn a bachelor's degree. Students should consult with a counselor for more information on university admission and transfer requirements.

To earn the Associate in Arts in Elementary Teacher Education for Transfer, students must:

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

Program Outcomes

Students who complete the Associate in Arts in Elementary Teacher Education for Transfer will be able to:

- 1. Apply an understanding of child development theories and ethical standards to the development of a personal teaching philosophy.
- 2. Apply an understanding of how diverse cultural beliefs and social, political, and/or historical context impact form of human expression
- 3. Demonstrate quantitative reasoning skills and an understanding of the scientific method, consistent with elementary level standards.
- 4. Critically evaluate strategies and techniques for working with culturally, linguistically and ethnically diverse populations, including children with special education needs.

REQUIRED COURSES	Units
CDFS 038 Child Growth and Development	3
EDUC 001 Elementary Teacher Education	2
OCED 090 Occupational Work Experience	1
Liberal Arts and Social Science	27
Science and Math	15
Select one course from List A	3
Select one course from List B	6
Required Major Total Units	57

LIBERAL ARTS AND SOCIAL SCIENCE	Units
COMM 001 Introduction to Public Speaking	3
ENGL 001 College Composition	4
ENGL 002 Critical Thinking and Writing About	
Literature	4
GEOG 004 World Geography	
HIST 002 World History to 1500	3
HIST 017 History of the United States to 1877	3
PLSC 001 Introduction to American Government	
and Politics	3
ENGL 004 Critical Thinking and Composition:	
Language in Context	4

Education

SCIENCE AND MATH	Units
BIO 015 Introduction to Biology	4
GEOL 006 Earth Science	3
GEOL 006L Earth Science Laboratory	1
MATH 055 Mathematical Concepts for	
Elementary School Teachers – Number Systems	s 3
PHSC 012 Introduction to Principles of	
Physical Science	4

List A: (Select one course) Units ART 010 Art Appreciation
List B: (Select two courses)Units
CDFS 062 Introduction to Early Childhood Education:
Principles and Practices 3
CDFS 053 Teaching in a Diverse Society
CDFS 064 Observation and Assessment

Emergency Medical Technician Department

JOB-DIRECT LOW UNIT CERTIFICATE

Emergency Medical Technician

COURSES: <u>EMT (Emergency Medical Technician)</u> **CONTACT INFORMATION:** School of Health Sciences

Building: 800 Room 805B Phone Number: (707) 864-7108 Fax Number: (707) 646-2062

Dean: Sheila Hudson

Administrative Assistant: Janet Schwartz

Faculty Contact: Brian Bower



ARE YOU THE KIND OF PERSON WHO...

- ...desires to inform, enlighte, help, teach, counsel, or cure people?
- ...enjoys using your skills to serve people?
- ...Likes to work hands-on with objects, machines, and tools and/or use your physical or athletic abilities?
- ...is interested in working in a medical environment?

P.A.C.E. - INDUSTRIAL AND APPLIED TECHNOLOGY - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to work hands-on with objects, machines, tools, plants, or animals?
- ...enjoys work and play outside, insluding use your physical or athletic abilities?
- ...likes to follow directions to organize, plan and complete a project or task?
- ... is interested in attaining employment as soon as possible?

Emergency Medical Technician I

Job-Direct Low Unit Certificate

REQUIRED COURSES Units
EMT 112 Emergency Medical Technician (Basic)7
Total Units7

Engineering Department

DEGREES

Engineering (AS)

COURSES: ENGR (Engineering) **CONTACT INFORMATION:** School of Mathematics and Sciences

Building: 2700 Room 2719B **Phone Number:** (707) 864-7110 **Fax Number:** (707) 646-2054

Dean: Joseph Ryan Administrative Assistants:

Mathematics: Kayla Kaywood Sciences: Kelsi Mundell

Faculty Contact: Melanie Lutz



P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Engineering

Associate in Science

Program Description

Solano Community College offers a two-year lower division Engineering Program that is designed to prepare students to transfer to a four-year university. The lower division Engineering Core Courses recommended by the Engineering Liaison Committee of the State of California have been coordinated between community colleges and the four-year colleges and universities throughout California. As part of our Engineering Program, an Associate in Science in Engineering is available. Although most engineering students transfer to a four-year university, those with an AS degree can also be employed in entry-level jobs that require two years of college-level science and math.

The Associate in Science can be obtained by completing the 43-46-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for the major must be completed with a minimum grade of C or a grade of P if the course is taken on a Pass/No Pass basis.

Program Outcomes

- 1. Demonstrate analytical problem solving skills in Math, Physics, Chemistry and Engineering.
- 2. Conduct experiments and critically assess the data.
- 3. Write professional laboratory reports and/or give oral presentations.

REQUIRED COURSES	Units
CHEM 001 General Chemistry I	5
MATH 020 Analytic Geometry and Calculus I	5
MATH 021 Analytic Geometry and Calculus II	5
MATH 022 Analytic Geometry and Calculus III	4
MATH 023 Differential Equations	4
PHYS 006 Physics for Science and Engineering	5
PHYS 007 Physics for Science and Engineering	5
Three courses from List A	10-13
Required Major Total Units	43-46

List A: (select three courses) Units CIS 022 Introduction to Programming 3
DRFT 045 Introduction to Computer-Aided Drafting (CAD)4 or
DRFT 058 Solid Modeling with Solidworks 3
ENGR 017 Introduction to Electrical Engineering 5 ENGR 030 Engineering Mechanics: Statics
ENGR 026 Mathematics and Engineering Problem Solving Using Matlab4
or MATH 026 Mathematics and Engineering Problem
Solving Using Matlab4

English Department

DEGREES

English (AA-T) English (AA)

COURSES: ENGL (English) ESL (English as a Second Language) **CONTACT INFORMATION:**

School of Liberal Arts

Building: 1300 Room 1307B Phone Number: (707) 864-7250 Fax Number: (707) 646-2072

Dean: Neil Glines

Administrative Assistants: Leigh Anne Jones Donna Meyer

Faculty Contact:

Isabel Anderson Emily Blair Lue Cobene Jose Cortes Erin Farmer Lisa Giambastiani Christopher McBride Sarah McKinnon Melissa Reeve Tracy Schneider Jack Schouten Joshua "Josh" Scott Heather Watson-Perez Michael Wyly



P.A.C.E. - VISUAL, PERFORMANCE, AND LANGUAGE ARTS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to express yourself creatively and using imagination or intuition?
- ...enjoys feeling free to be inventive without limits?
- ...likes to inform, enlighten, help, or teach, using your skills with words and physicality to serve people?
- ... is interested in self-expression and thinking critically on the world in which we live?

Guided Pathways: ENGLISH AA-T

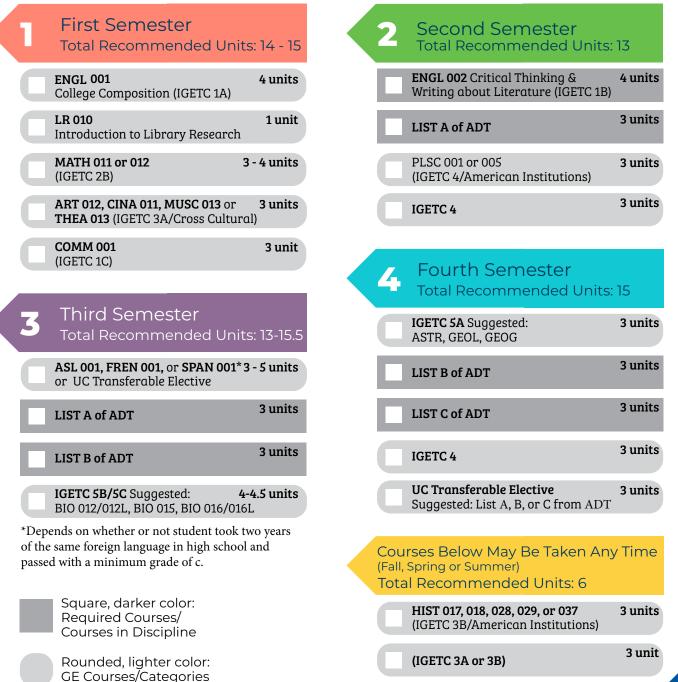
Associate in Arts for Transfer | GE Pattern: IGETC| | Program Total Units: 61 - 64.5

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Advertising Copywriter or Editor • English Language and/or Literature Teacher • Editor or Publisher • Journalist • Public Relations Specialist • Writer, Technical Writer, or Grant Writer

What your potential plan could look like...



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

Program Description

This program 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.

Students who complete the Associate in Arts in English for Transfer 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, students must:

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

Program Outcomes

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

- 1. Demonstrate an ability to compose and communicate using appropriate rhetorical patterns and writing strategies.
- 2. Demonstrate college-level reading, writing, and analysis skills.
- 3. Demonstrate an understanding of the importance and influence of literature's study of the human condition in shaping and reflecting intellectual history and cultural identity.
- 4. Demonstrate, through study and analysis of literature from a variety of cultural or ethnic backgrounds and sexual orientations, an ability to recognize and examine assumptions about difference and social norms and an understanding of how the experience of reading literature from different perspectives can better prepare one for meaningful participation in a diverse global community.
- 5. Explore and/or demonstrate, through creative writing and/or analytical techniques, the practice and study of diverse literatures and publishing.

REQUIRED COURSES	Units
ENGL 002 Critical Thinking and	
Writing About Literature	4
Two courses from List A	6
Two courses from List B	6
One course from List C	3
Required Major Total Units	19
List A: (select two courses)	
List A: (select two courses) ENGL 030 Survey of American Literature I	. Units
	. Units 3
ENGL 030 Survey of American Literature I	. Units 3 3
ENGL 030 Survey of American Literature I ENGL 031 Survey of American Literature II	. Units 3 3 3

List B: (select two courses)	Units
ENGL 006 Creative Writing I	3
ENGL 007 Creative Writing II	3
ENGL 010 Creative Writing III	3
ENGL 018 Introduction to Mythology	3
ENGL 021 Introduction to Poetry	3
ENGL 023 Introduction to the Modern Novel	3
ENGL 024 Introduction to the Short Story	3
ENGL 036 Multi-Ethnic Literature in America	3
ENGL 044 Introduction to Shakespeare	3
ENGL 058 Creative Writing: The Literary Magazine	1 3
Any course from List A not already used	3
List C: (select one course)	Units

List C: (select one course) Uni	ts
ENGL 059 Creative Writing: The Literary Magazine	. 3
HUMN 001 What it Means to be Human	. 3
Any course from List A or B not already used	. 3

English

Associate in Arts

Program Description

The Associate in Arts 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. in English will also satisfy the requirements for the AA-T in English. In all cases, students should consult with a counselor for more information on university admission and transfer requirements.

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 in Arts in English can be obtained by completing the twenty-five (25) units for the major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis

Program Outcomes

Students who complete the Associate in Arts in English will be able to:

- 1. Demonstrate an ability to compose and communicate using appropriate rhetorical patterns and writing strategies.
- 2. Demonstrate college-level reading, writing, and analytical skills.
- 3. Demonstrate an understanding of the importance and influence of literature's study of the human condition in shaping and reflecting intellectual history and cultural identity.
- 4. Demonstrate, through the study and analysis of literature from a variety of cultural or ethnic backgrounds and sexual orientations, an ability to recognize and examine assumptions about difference and social norms and an understanding of how the experience of reading literature from different perspectives can better prepare one for meaningful participation in a diverse global community.
- 5. Explore and demonstrate through creative writing and/or analytical techniques, the practice and study of diverse literatures and publishing.

English

REQUIRED COURSES UnitsThe courses are listed in the suggested sequence.ENGL 002 Critical Thinking andWriting About Literature4Two courses from List ATwo courses from List B6Two courses from List C
One course from List D 3 Required Major Total Units25
List A: (select two courses) Units ENGL 030 Survey of American Literature I
List B: (select two courses)Units ENGL 006 Creative Writing 1

List C: (select two courses)Units ENGL 007 Creative Writing II
ENGL 018 Introduction to Mythology
List D: (select one course) Units ENGL 049 English Honors

Film and Television Department

DEGREES

Film and Television (AA)

**Sports Broadcasting Certificate of Achievement see Communications Department

COURSES: CINA (Cinema) TV (Television)

CONTACT INFORMATION:

School of Liberal Arts

Building: 1300 Room 1307B Phone Number: (707) 864-7250 Fax Number: (707) 646-2072

Dean: Neil Glines

Administrative Assistants: Leigh Anne Jones Donna Meyer



P.A.C.E. - VISUAL, PERFORMANCE, AND LANGUAGE ARTS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to express yourself creatively and using imagination or intuition?
- ...enjoys feeling free to be inventive without limits?
- ...likes to inform, enlighten, help, or teach, using your skills with words and physicality to serve people?
- ...is interested in self-expression and thinking critically on the world in which we live?

Film and Television

Associate in Arts

Program Description

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

The Associate in Arts can be obtained upon completion of the 19–20-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

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

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

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

Fire Technology Department

DEGREES

Fire Technology (AS)

CERTIFICATE OF ACHIEVEMENT

Fire Technology

COURSES: FIRE (FIRE)

CONTACT INFORMATION: School of Applied Technology and Business

Building: 500 Room 509 Phone Number: (707) 864-7229 Fax Number: (707) 864-7190

Dean: Lisa Neeley Administrative Assistant: Jill Crompton Faculty Contact: Brian Preciado



ARE YOU THE KIND OF PERSON WHO...

- ...desires to inform, enlighte, help, teach, counsel, or cure people?
- ...enjoys using your skills to serve people?
- ...Likes to work hands-on with objects, machines, and tools and/or use your physical or athletic abilities? ...is interested in working in a medical environment?

P.A.C.E. - INDUSTRIAL AND APPLIED TECHNOLOGY - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to work hands-on with objects, machines, tools, plants, or animals?
- ...enjoys work and play outside, insluding use your physical or athletic abilities?
- ...likes to follow directions to organize, plan and complete a project or task?
- ...is interested in attaining employment as soon as possible?

Fire Technology

Certificate of Achievement and Associate in Science

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.

The Certificate of Achievement can be obtained upon completion of the 30-45-unit major. The Associate in Science can be obtained upon completion of the major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

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

- 1. Demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and fire fighter safety.
- 2. Identify and comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them, especially in the areas of fire prevention, building codes and ordinances, and firefighter health and safety.
- 3. Analyze the causes of fire; determine extinguishing agents and methods; differentiate the stages of the fire and fire development; and compare methods of heat transfer.
- 4. Identify and describe common types of building construction and conditions associated with structural collapse and fire fighter safety.

REQUIRED COURSESUr	its
FIRE 050 Principles of Emergency Services	3
FIRE 051 Fire Behavior & Combustion	3
FIRE 053 Fire Prevention Application	3
FIRE 054 Fire Protection Systems	3
FIRE 056 Building Construction as it Relates to	
the Fire Service	3
FIRE 101 Principles of Fire and Emergency Services	
Safety and Survival	3
12-27 units from Recommended Electives12-	·27
Required Major Total Units	45

Recommended Electives: (select 12-27 units)Units
FIRE 140 Fire Technology Academy 24
EMT 112 Emergency Medical Technician (Basic)7
EMT 128 Emergency Medical Responder 3
OCED 090 Occupational Work Experience1-8

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

Foreign Languages Department

DEGREES

Foreign Languages, General (AA) American Sign Language (AA) French (AA) Spanish (AA) Spanish (AA-T)

COURSES: <u>ASL (American Sign Language)</u> <u>FLNG (Foreign Languages)</u> <u>FREN (French)</u> <u>SPAN (Spanish)</u>

CONTACT INFORMATION:

School of Liberal Arts

Building: 1300 Room 1307B Phone Number: (707) 864-7250 Fax Number: (707) 646-2072

Dean: Neil Glines

Administrative Assistants: Leigh Anne Jones Donna Meyer

Faculty Contact: ASL: Hui Hui "Gwen" Gallagher French: Lorna Marlow-Muñoz Spanish: Laura Pirott



P.A.C.E. - VISUAL, PERFORMANCE, AND LANGUAGE ARTS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to express yourself creatively and using imagination or intuition?
- ...enjoys feeling free to be inventive without limits?
- ...likes to inform, enlighten, help, or teach, using your skills with words and physicality to serve people?
- ... is interested in self-expression and thinking critically on the world in which we live?

Guided Pathways: **FRENCH (AA)**

Associate in Arts | GE Pattern: IGETC| | Program Total Units: 60 - 61.5

This program map represents **one possible pathway.** See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

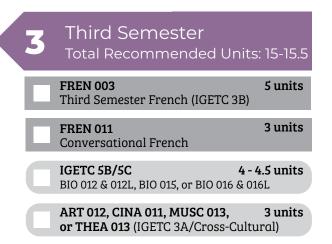
Speech-Language Pathologist • Communication Teacher • Media and Communication • Public Relations Specialist

What your potential plan could look like...

Total Recommended Units: 16 - 17

First Semester

ENGL 001 College Composition (IGETC 1A)	4 units
LR 010 Introduction to Library Research	1 unit
MATH 011 or 012 (IGETC 2B)	3 - 4 units
FREN 001 First Semester French	5 units
COMM 001, 002, or 006 (IGETC 1C)	3 unit



2 Second Semester Total Recommended Units: 15 ENGL 002 or 004 (IGETC 1B) 4 units FREN 002 Second Semester French (IGETC 3B) 5 units HIST 017, 018, 028, 029, or 037 (IGETC 4/American Institutions) 3 units PLSC 001 or 005 (IGETC 4/American Institutions) 3 units

4	Fourth Semester Total Recommended Units:	14
	FREN 004 Fourth Semester French	5 units
	FREN 012 Intermediate French Conversation	3 units
	IGETC 5A Suggested: ASTR, GEOL, GEOG	3 units
	IGETC 4	3 units



Square, darker color: Required Courses/ Courses in Discipline

Rounded, lighter color: GE Courses/Categories



Guided Pathways: **SPANISH AA-T**

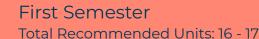
Associate in Arts for Transfer | GE Pattern: IGETC| | Program Total Units: 60 - 61.5

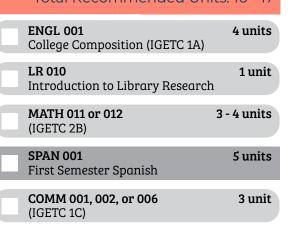
This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

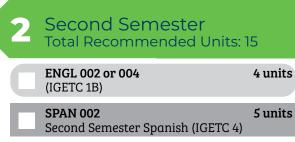
Career Paths

Speech-Language Pathologist • Communication Teacher • Media and Communication • Public Relations Specialist • Interpreter • Translator

What your potential plan could look like...





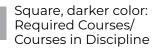


HIST 017, 018, 028, 029, or 037 (IGETC 4/American Institutions)	3 units
PLSC 001 or 005 (IGETC 4/American Institutions)	3 units

Third Semester Total Recommended Un	its: 15-15.5
SPAN 003	5 units
Third Semester Spanish (IGETC 3	3B)
SPAN 011	3 units
Conversational Spanish (LIST A	of ADT)
IGETC 5B/5C	4 - 4.5 units
BIO 012 & 012L, BIO 015, or BIO 016 &	6 016L

ART 012, CINA 011, MUSC 013, 3 units or THEA 013 (IGETC 3A/Cross-Cultural)

Fourth Semester Total Recommended Units: 14
SPAN 004 5 units Fourth Semester Spanish
UC Transferable Elective 3 units Suggested: ASTR, GEOL, GEOG
IGETC 4 3 units



Rounded, lighter color: GE Courses/Categories



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

Program Description

The Associate in Arts Degree in Spanish for Transfer 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.

Students who complete this degree will be guaranteed priority 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, students must:

1. Complete 60 semester units that are eligible for transfer to the California State University, including both of the following:

a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements

b. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district. 2. Obtain a minimum grade point average of 2.0.

Program Outcomes

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

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

REQUIRED COURSES	Units
SPAN 001 First Semester Spanish	5
SPAN 002 Second Semester Spanish	5
SPAN 003 Third Semester Spanish	5
SPAN 004 Fourth Semester Spanish	5
One course from List A	3
Required Major Total Units	23

List A: (select one course)U	nits
HIST 031 Mexican American/Chicano History	3
SPAN 011 Conversational Spanish	3
SJS 002 Introduction to Race and Ethnicity	3

Foreign Languages, General

Associate in Arts

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.

The Associate in Arts can be obtained by completing a minimum of 20 units from the major in the two different languages, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

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

- 1. Converse in an intermediate level in two or more languages: American Sign Language (ASL), French, or Spanish
- 2. Demonstrate grammatical and semantic proficiency in paragraph or narrative mode (for ASL) at the intermediatelow level.
- 3. Understanding of cultural and community differences

REQUIRED COURSES	Units
Select a minimum of 20 units combined from the a languages.	different
American Sign Language	Units
ASL 001 American Sign Language 1	3
ASL 002 American Sign Language 2	3
ASL 003 American Sign Language 3	
ASL 004 American Sign Language 4	
ASL 005 American Deaf Culture	
ASL 006 Linguistics of American Sign Language	
ASL 052 Fingerspelling, Classifiers, and Numbers . ASL 053 Introduction to American Sign Language	
Interpreting	3
ASL 054 ASL Interpreting Field Workand	
OCED 090 Occupational Work Experience	1
French	Units
FREN 001 First Semester Frenchor	5
FREN 031 First Semester French, Part 1and	3
FREN 032 First Semester French, Part 2	3
FREN 002 Second Semester French	5
FREN 003 Third Semester French	5
FREN 004 Fourth Semester French	5
FREN 011 Conversational French	3
FREN 012 Intermediate French Conversation	3
FLNG 101 Cross Age Teachingand	2
OCED 090 Occupational Work Experience	1

SpanishUnits SPAN 001 First Semester Spanish5 or
SPAN 031 First Semester Spanish, Part 1
SPAN 032 First Semester Spanish, Part 2
SPAN 002 Second Semester Spanish5 or
SPAN 033 Second Semester Spanish, Part 1
SPAN 034 Second Semester Spanish, Part 2 3
SPAN 003 Third Semester Spanish
FLNG 101 Cross Age Teaching2 and
OCED 090 Occupational Work Experience 1
Required Major Total Units20

Foreign Languages, Individual (American Sign Language, French, or Spanish)

Associate in Arts

Program Description

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

The Associate in Arts in American Sign Language, French, or Spanish can be obtained by completing a minimum of 18 units in one of the languages, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

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

- 1. Converse at an intermediate-mid level in one language: American Sign-Language (ASL), French, or Spanish
- 2. Demonstrate grammatical and semantic proficiency in paragraph or narrative mode (for ASL) at the intermediate-mid level in one language: American Sign Language (ASL), French, or Spanish
- 3. Demonstrate understanding of cultural and community differences

REQUIRED COURSES

•
American Sign Language (select 18 units) Units
ASL 001 American Sign Language 1 3
ASL 002 American Sign Language 2 3
ASL 003 American Sign Language 3 3
ASL 004 American Sign Language 4 3
ASL 005 American Deaf Culture 3
ASL 006 Linguistics of American Sign Language
ASL 052 Fingerspelling, Classifiers, and Numbers
ASL 053 Introduction to American Sign Language
Interpreting 3
ASL 054 ASL Interpreting Field Work 2
and
OCED 090 Occupational Work Experience1
French (select 18 units)Units
FREN 001 First Semester French5
or
FREN 031 First Semester French, Part 1
and
FREN 032 First Semester French, Part 2
FREN 002 Second Semester French5
FREN 003 Third Semester French 5
FREN 004 Fourth Semester French 5
FREN 011 Conversational French 3
FREN 012 Intermediate French Conversation
FREN 049 French Honors1-3
FLNG 101 Cross Age Teaching2
and
OCED 090 Occupational Work Experience1

Spanish (select 18 units)Units SPAN 001 First Semester Spanish5
or SPAN 031 First Semester Spanish, Part 1
SPAN 032 First Semester Spanish, Part 2
SPAN 002 Second Semester Spanish5 or
SPAN 033 Second Semester Spanish, Part 1 3 and
SPAN 034 Second Semester Spanish, Part 2
SPAN 003 Third Semester Spanish
SPAN 004 Fourth Semester Spanish
SPAN 011 Conversational Spanish 3 SPAN 049 Spanish Honors
FLNG 101 Cross Age Teaching 2 and
OCED 090 Occupational Work Experience1
Required Major Total Units18

Geography Department

DEGREES Geography (AA-T)

COURSES: GEOG (Geography) **CONTACT INFORMATION:** School of Mathematics and Sciences

Building: 2700 Room 2719B Phone Number: (707) 864-7110 Fax Number: (707) 646-2054

Dean: Joseph Ryan Administrative Assistants:

Mathematics: Kayla Kaywood Sciences: Kelsi Mundell

Faculty Contact: Danielle Widemann



P.A.C.E. - EDUCATION, BEHAVIORAL SCIENCE, AND THE SOCIAL WORLD - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to question and explore physical, biological, or cultural happenings?
- ...enjoys using your skills with words to serve people?
- ...likes to observe, learn, analyze, evaluate, or solve problems?
- ...is interested in how social systems and society works?

P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Guided Pathways:

GEOGRAPHY AA-T

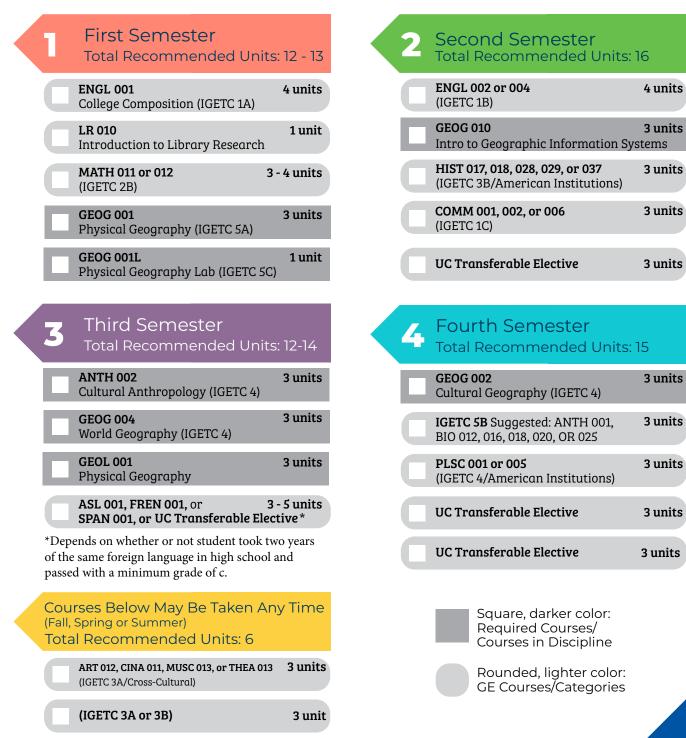
Associate in Arts for Transfer | GE Pattern: IGETC| | Program Total Units: 61 - 64

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Geography Teacher • Geographer or Geoscientist • Geospatial Information Scientist and Technologist • Geographic Information Systems Technician • Remote Sensing Scientist and Technologist • Cartographer and Photogrammetrist • City and Regional Planning

What your potential plan could look like...



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

Program Description

Solano Community College offers an Associate in Arts in Geography for Transfer to introduce students to principles, theory, and applied methods of spatial analysis in studying both the natural and human environment. 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. 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.

The Associate in Arts in Geography for Transfer is especially designed for students who plan to complete a bachelor's degree in Geography or similar major at a CSU campus. Students completing an Associate in Arts in Geography for Transfer 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 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 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, students must:

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

Program Outcomes

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

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

REQUIRED COURSES	Units
GEOG 001 Physical Geography	3
GEOG 001L Physical Geography Laboratory	1
GEOG 002 Cultural Geography	3
GEOG 004 World Geography	3
GEOG 010 Introduction to Geographic Information	
Systems	3
ANTH 002 Cultural Anthropology	3
GEOL 001 Physical Geology	3
Required Major Total Units	19

Geology Department

DEGREES

The Geology Department introduces students to the methods of science as well as the fundamentals of geology. Geology is the study of Earth – its interior and its exterior surface, the rocks and other materials that are around us and the processes (i.e., water flow, changes over time) that have resulted in the formation of those materials. Courses focus on physical geology, earth sciences, geology of California and geographic information systems. The courses do not lead to a certificate, degree or transfer agreement in themselves. However, these courses may apply to other programs and may also be used toward lower division general education.

COURSES: GEOL (Geology)

CONTACT INFORMATION: School of Mathematics and Sciences

Building: 2700 Room 2719B Phone Number: (707) 864-7110 Fax Number: (707) 646-2054

Dean: Joseph Ryan Administrative Assistants:

Mathematics: Kayla Kaywood Sciences: Kelsi Mundell

Faculty Contact: Danielle Widemann



History Department

DEGREES History (AA-T)

COURSES: HIST (History) **CONTACT INFORMATION:** School of Social and Behavioral Sciences

Building: 700 Room 729 Phone Number: (707) 864-7000 x7251 Fax Number: (707) 646-7701

Dean: Sandy Lamba Administrative Assistant: Janet Leary Faculty Contact: Michelle Arce



P.A.C.E. - EDUCATION, BEHAVIORAL SCIENCE, AND THE SOCIAL WORLD - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to question and explore physical, biological, or cultural happenings?
- ...enjoys using your skills with words to serve people?
- ...likes to observe, learn, analyze, evaluate, or solve problems?
- ...is interested in how social systems and society works?

Guided Pathways: HISTORY AA-T

Associate in Arts for Transfer | GE Pattern: IGETC| | Program Total Units: 61 - 64.5

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

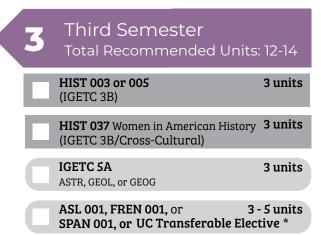
History Teacher, Secondary and Postsecondary • Historian • Curator • Archaeologist

What your potential plan could look like...

Total Recommended Units: 14 - 15

First Semester

ENGL 001 College Composition (IGETC 1A)	4 units
LR 010 Introduction to Library Research	1 unit
MATH 011 or 012 (IGETC 2B)	3 - 4 units
COMM 001, 002, or 006 (IGETC 1C)	3 units
HIST 017 History of the US to 1865 (IGETC 4/American Institutions)	3 units



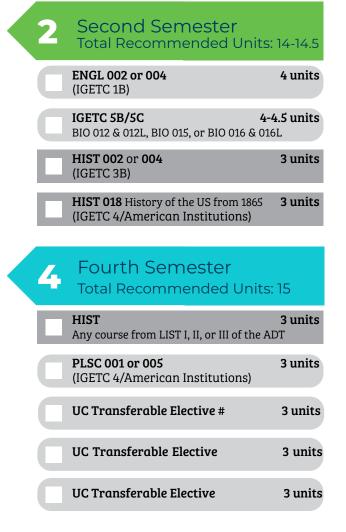
*Depends on whether or not student took two years of the same foreign language in high school and passed with a minimum grade of c.



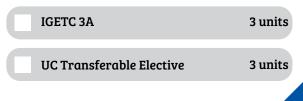
Square, darker color: Required Courses/ Courses in Discipline



Rounded, lighter color: GE Courses/Categories



Courses Below May Be Taken Any Time (Fall, Spring or Summer) Total Recommended Units: 6





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

Program Description

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

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 in History for Transfer 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 History 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, students must:

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

Program Outcomes

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

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

REQUIRED COURSES
HIST 002 World History to 1500
HIST 003 Modern World History
One course from List A or B

List A: World History (if not already used) Units
HIST 002 World History to 1500 3
HIST 003 Modern World History
List B: Ethnicity and Gender Studies Units
HIST 028 African American History to 1877 3
HIST 029 African American History Since 1865
HIST 031 Mexican American/Chicano History
HIST 037 Women in American History 3
List C: United States Units
(any course from this or other lists not already used)
HIST 010 California History 3
HIST 004 History of Western Civilization to 1500
HIST 005 History of Western Civilization Since 1500 3

Horticulture Department

DEGREES Horticulture and Plant Science (AS)

CERTIFICATES OF ACHIEVEMENT Horticulture and Plant Science

JOB-DIRECT LOW UNIT CERTIFICATES Landscape Designer Landscape Technician

COURSES: HORT (Horticulture) **CONTACT INFORMATION:** School of Mathematics and Sciences

Building: 2700 Room 2719B Phone Number: (707) 864-7110 Fax Number: (707) 646-2054

Dean: Joseph Ryan Administrative Assistants:

Mathematics: Kayla Kaywood Sciences: Kelsi Mundell

Faculty Contact: Sandra Diehl



P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Horticulture and Plant Science

Certificate of Achievement and Associate in 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.

The Certificate of Achievement can be obtained by completing the 23-unit major. The Associate in Science can be obtained by completing the 23-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

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

- 1. Design and draft landscape plan.
- 2. Design an Integrated Pest Management (IPM) plan.
- 3. Estimate the cost of a landscape construction project.

REQUIRED COURSES Units
HORT 006 Identification and Ecology of
Landscape Plant Materials.
HORT 030 Landscape Design I 3
HORT 050 Introduction to Horticulture
HORT 055 Soils and Fertilizers
HORT 056 Landscape Pest Control and Management 4
HORT 070 Landscape Construction and Estimation 3
HORT 071 Irrigation Principles 3
Required Major Total Units23

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

Landscape Designer

Job-Direct Low Unit Certificate

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of	
Landscape Plant Materials	4
HORT 030 Landscape Design I	3
HORT 031 Landscape Design II	3
HORT 050 Introduction to Horticulture	3
Total Units	13

Landscape Technician

Job-Direct Low Unit Certificate

REQUIRED COURSES	Units
HORT 006 Identification and Ecology of	
Landscape Plant Materials	4
HORT 050 Introduction to Horticulture	
HORT 071 Irrigation Principles	
OCED 090 Occupational Work Experience	1
Total Units	11

DEGREES

Humanities is the study of how people process and document the human experience, using philosophy, literature, religion, art, music, and history to understand and record our world. The Humanities are ways of thinking about what is human about our diverse histories values, ideas, and words. The courses do not lead to a certificate, degree or transfer agreement in themselves. However, these courses may apply to other programs and may also be used toward lower division general education.

COURSES: HUMN (Humanities)

CONTACT INFORMATION: School of Liberal Arts

Building: 1300 Room 1307B Phone Number: (707) 864-7250 Fax Number: (707) 646-2072

Dean: Neil Glines

Administrative Assistants: Leigh Anne Jones Donna Meyer



Human Services Department

DEGREES

Human Services (AA)

CERTIFICATES OF ACHIEVEMENT Human Services

COURSES: HS (Human Services) **CONTACT INFORMATION:** School of Social and Behavioral Sciences

Building: 700 Room 729 Phone Number: (707) 864-7000 x7251 Fax Number: (707) 646-7701

Dean: Sandy Lamba Administrative Assistant: Janet Leary Faculty Contact: Saki Cabrera



- ...desires to inform, enlighte, help, teach, counsel, or cure people?
- ...enjoys using your skills to serve people?
- ...Likes to work hands-on with objects, machines, and tools and/or use your physical or athletic abilities?
- ... is interested in working in a medical environment?

Human Services

Certificate of Achievement and Associate in Arts

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 and Social Work. 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.

The Certificate of Achievement can be obtained upon completion of the 23-unit major. The Associate in Arts can be obtained upon completion of the 23-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/ No Pass basis.

Program Outcomes

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

- 1. Develop basic knowledge within the field of Human Services.
- 2. Develop cultural competence.
- 3. Develop group facilitation skills.
- 4. Develop case management skills.
- 5. Apply basic Human Services knowledge and skills in community settings.

**See Counseling section for COUN course descriptions

Interdisciplinary Studies

DEGREES

Interdisciplinary Studies: Science and Quantitative Reasoning (AA)

Interdisciplinary Studies: Wellness and Self Development (AA)

CONTACT INFORMATION:

Counseling

Building: 400 Room 404 Phone Number: (707) 864-7101 Email: counseling@solano.edu

Dean: Kristin Conner



Interdisciplinary Studies: Science and Quantitative Reasoning

Associate in Arts

Program Description

This major is designed for students who are not certain of their specific academic major goals and do not have immediate transfer plans. It would enable them to earn the Associate Degree by completing general education and the 18-unit major. The program is intended to involve inquiry into the physical universe and its life forms with consideration of facts and principles which form the foundations of living and non-living systems. Students will explore scientific methodologies as investigative tools, the acquisition and use of evidence, and the past and present influences of science on world civilizations. Understanding and analysis of basic mathematical and quantitative reasoning concepts will be explored. This program includes courses in areas such as computer science, math, and science.

The Associate in Arts can be obtained by completing a minimum of 18-units in the major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Interdisciplinary Studies: Science and Quantitative Reasoning Associate in Arts will be able to:

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

REQUIRED COURSES:

Minimum 6 units from Science Minimum 6 units from Quantitative Reasoning 6 units from Science and/or Quantitative Reasoning *Chemistry courses may not be used in both areas, must choose one area.

Required Major Total Units.....18

Science

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

Quantitative Reasoning

CIS 001, 015, 020, 022, 023, 035, 050, 055, 057, 060, 073, 078 CHEM* 001, 002, 010, 160 GEOG 010 or GEOL 010 MATH 002, 004, 011, 012, 020, 021, 022, 023, 030, 031, 040, 051, 102, 103, 104, 112, 114 PSYC 004

Wellness and Self Development

Associate in Arts

Program Description

This program is designed to equip students with the informative tools to support education in lifelong wellness and selfdevelopment. Students will be well acquainted with the vast landscape of wellness, self development, while considering the psychological, biological, developmental, and physical factors involved. They will be able to make more effective decisions about optimizing their own wellness, lifestyle and performance.

The Associate in Arts can be obtained by completing the 18-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete an Associate Degree will be able to:

- 1. Apply the theories of Wellness and Self Development with attention to personal, professional growth and vocational/life purpose.
- 2. Apply understanding of personal self and others to gain insight in both a psychological and biological perspective, thereby, enhancing personal wellness and community relationships.
- 3. Acquire a knowledge base that encourages lifelong learning for students to effectively adapt to a complex and changing society.

REQUIRED COURSES	Units
3 units from Wellness Required	3
3 units from Self Development Required	3
3 units of any Wellness course(s)	3
3 units of any Self Development course(s)	3
6 units of any Wellness and/or	
Self Development course(s)	6
**courses may only be used one time within the m	najor
Required Major Total Units	18

WELLNESS

Required (select a minimum of one course) L	Jnits
HED 002 Health Education	3
HED 003 Women's Health Issues	3
KINE 057 Introduction to Sports Psychology	3
NUTR 010 Nutrition	3

Electives

ATHL* 001, 002A, 002B, 003, 004, 010, 015, 016A, 016B, 022 BIO 004, 005, 016, 018, 020 CDFS 054 DANC 004, 004A, 004B, 004C, 004D, 004E, 004F, 004G, 004H, 004J, 004K, 004M, 004N, 004P, 004S, 004T KINE 020A, 020S, 020V, 020W KINE Activity*: 002A, 002B, 002D, 003A, 003D, 003E, 005C, 005J, 005K, 005M, 005N, 005P, 006A, 006C, 006D, 006E, 006F, 007F, 008A, 008B, 009B, 009H, 009P, 078 NUTR 054

*Maximum 3 units of DANC, KINE, or ATHL activity courses

SELF DEVELOPMENT

Required (select a minimum of one course) L	Inits
COUN 005 Career-Life Planning	3
COUN 007 College Study Techniques	3
COUN 015 Valuing Diversity	3
COUN 023 Psychology for Modern Life	3
PSYC 020 Personal and Social Behavior	3

Electives

CDFS 038, 040, 050, 070 COMM 001, 008, 010 COUN 058, 062 HS 001, 053, 054 OCED 070, 071 PSYC 001, 005, 006, 012, 034, 040 SJS 002, 030

Journalism Department

DEGREES

Journalism (AA-T) Journalism (AA)

COURSES JOUR (Journalism)

CONTACT INFORMATION:

School of Liberal Arts

Building: 1300 Room 1307B Phone Number: (707) 864-7250 Fax Number: (707) 646-2072

Dean: Neil Glines

Administrative Assistants: Leigh Anne Jones Donna Meyer



P.A.C.E. - VISUAL, PERFORMANCE, AND LANGUAGE ARTS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to express yourself creatively and using imagination or intuition?
- ...enjoys feeling free to be inventive without limits?
- ...likes to inform, enlighten, help, or teach, using your skills with words and physicality to serve people?
- ...is interested in self-expression and thinking critically on the world in which we live?

Guided Pathways: JOURNALISM (AA-T)

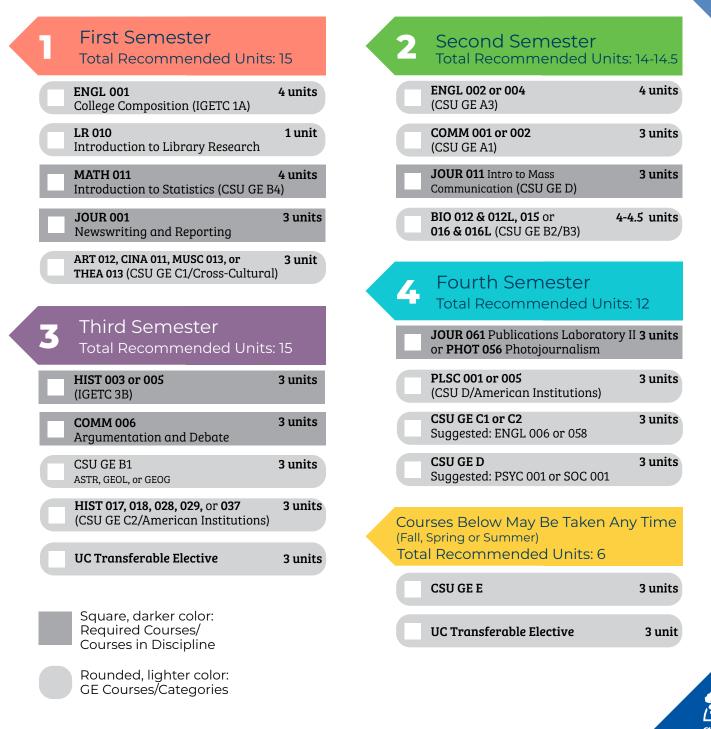
Associate in Arts for Transfer | GE Pattern: CSU GE | Program Total Units: 62 - 62.5

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Broadcast News Analyst • Communications or Journalism Teacher • Photographer • Proofreader and Copy Marker • Reporter or Correspondent • Radio and Television Announcer

What your potential plan could look like...



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

Program Description

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

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

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

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

Program Outcomes

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

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

REQUIRED COURSESUnitsJOUR 001 Newswriting and Reporting3JOUR 011 Introduction to Mass Communication3JOUR 060 Publications Laboratory3One course from List A3Two courses from List B6-7Required Major Total Units18-19
List A: (select one course): Units JOUR 061 Publications Laboratory II
List B: (select two courses): Units CIS 085 Digital Publishing with InDesign
ECON 001 Principles of Economics (Macroeconomics) 3 or ECON 002 Principles of Economics (Microeconomics) 3
MATH 011 Elementary Statistics 4

Journalism

Associate in Arts

Program Description

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

The Associate in Arts can be obtained upon completion of the 24-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses in the major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

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

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

REQUIRED COURSESUnits
JOUR 001 Newswriting and Reporting
JOUR 002 Introduction to Feature and
Magazine Writing 3
JOUR 011 Introduction to Mass Communication
JOUR 060 Publications Laboratory 3
12 Units of Program electives from
List A, List B, and List C 12
Required Major Total Units24

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

List A: (select a minimum of 3 units)Units
ENGL 002 Critical Thinking and
Writing About Literature 4
ENGL 004 Critical Thinking and Composition:
Language in Context3
COMM 006 Argumentation and Debate
MATH 011 Elementary Statistics 4
PHIL 005 Critical Thinking: The Philosophic
Grounds of Literacy3

List B: (select a minimum of 3 units)Unit	
ART 006 Design Principles in 2-Dimensions	
ART 007 Design-Color	3
ART 052 Lettering and Layout2-3	3
ART 056 Graphic Design I	3
ART 057 Graphic Design II	
COMM 001 Introduction to Public Speaking	
ENGL 006 Creative Writing 1	3
ENGL 058 Creative Writing: The Literary Magazine	3
JOUR 050 Grammar and Style for Media Writers	1
PHOT 030 Beginning Photography	3
PHOT 056 Photojournalism & Documentary	
Photography	3
PHOT 070 Beginning Digital Photography	3
THEA 050 Performance for the Camera	3
TV 055 Beginning Television Production	3
TV 056 Advanced Television Production	
TV 060 Television and Film Writing	3
List C (select a minimum of 3 units)Unit	s
OCED 090 Occupational Work Experience 1-6	
Any modern foreign language	-

Kinesiology Department

DEGREES

Kinesiology (AA-T) Sports Medicine/Athletic Training (AS) Dance (AA) see Dance Department

COURSES

ATHL (Athletics) DANC (Dance) HED (Health Education) KINE (Kinesiology) SPMD (Sports Medicine)

CONTACT INFORMATION:

School of Health Sciences

Building: 800 Room 805B Phone Number: (707) 864-7108 Fax Number: (707) 646-2062

Dean: Sheila Hudson

Administrative Assistant: Janet Schwartz

Faculty Contact:

Matt Borchert
Ginger Cain
Kevin Marks
Scott Parrish
Scott Stover

Curtiss Brown Jeff Cardinal John Nagle Terri Pearson-Bloom Darla Williams

INTERCOLLEGIATE ATHLETICS

Building: 1700A Room 1734 **Phone Number:** (707) 864-7119 **Fax Number:** (707) 646-2084

Athletic Director: Erik Visser Assistant Athletic Director: Alison Aubert

Administrative Assistant: Melissa Pegg



P.A.C.E. - HEALTH AND HUMAN SERVICES- A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

ARE YOU THE KIND OF PERSON WHO...

- ...desires to inform, enlighte, help, teach, counsel, or cure people?
- ...enjoys using your skills to serve people?
- ...Likes to work hands-on with objects, machines, and tools and/or use your physical or athletic abilities?
- ...is interested in working in a medical environment?

P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Guided Pathways: **KINESIOLOGY (AA-T)**

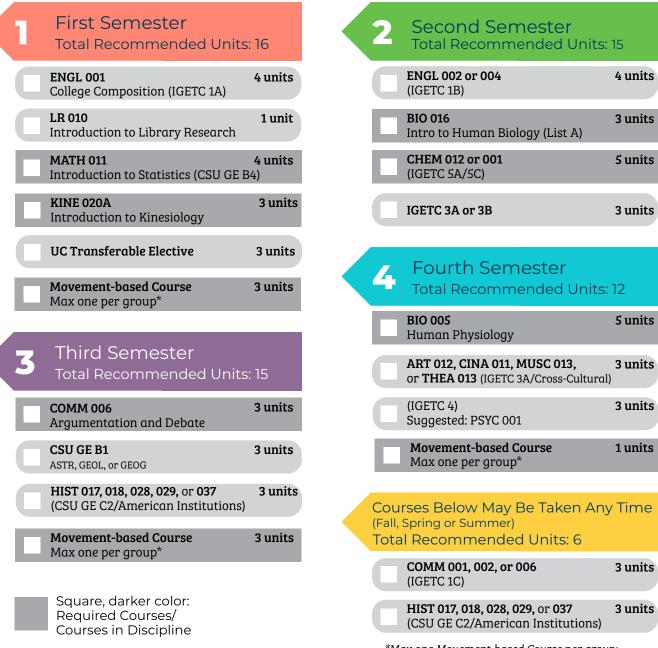
Associate in Arts for Transfer | GE Pattern: IGETC | Program Total Units: 61

This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Physical or Occupational Therapist • Exercise Physiologist • Sports Administrator • Fitness Coach/Trainer

What your potential plan could look like...



Rounded, lighter color: GE Courses/Categories *Max one Movement-based Course per group: Aquatics, Combatives, Dance, Fitness, Individual, or Team.

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

Program Description

The Associate in Arts in Kinesiology for Transfer is designed to provide a seamless transfer pathway for students interested in pursuing at least one Kinesiology degree option in the CSU system. Students who earn the Associate in Arts in Kinesiology for Transfer will receive guaranteed priority admission to the CSU system, but not to a particular campus or major.

Successful completion of the Associate in Arts in Kinesiology for Transfer prepares students to transfer into the CSU system and work in the sub-fields of Kinesiology. Students will learn about human functioning during sport and exercise, how exercise science and biomechanics is integrated into exercise program development, and observation and assessment of human performance. The Associate in Arts in Kinesiology for Transfer degree can provide students with the foundational knowledge necessary for transfer to a 4-year Bachelor of Science (BS) or Bachelor of Arts (BA) degree program. Students are encouraged to meet with a counselor to develop their educational plans as degree options and general education requirements vary for each university.

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

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

Program Outcomes

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

- 1. Identify major microscopic and gross structures of the major systems of the human body.
- 2. Describe normal physiological processes.
- 3. Describe the different sub disciplines of Kinesiology.
- 4. Describe the role of physical activity in daily life.
- 5. Explain the career options available to students graduating from departments of Kinesiology

REQUIRED COURSES	Units
BIO 004 Human Anatomy	5
BIO 005 Introductory Physiology	5
KINE 020A Introduction to Kinesiology	
Two courses from List A	6-10
3 units from Movement-based courses	
(maximum of one course from any group)	
Required Major Total Units	22-26

List A: (select two courses, only one from same
subject such as CHEM or PHYS)Units
BIO 016 Introduction to Human Biology 3
CHEM 001 General Chemistry 5
CHEM 012 Chemistry for Health Services
KINE 020S Advanced First Aid and Emergency Care 3
MATH 011 Elementary Statistics4
PHYS 002 General Physics (Non-calculus)5
PHYS 006 Physics for Science and Engineering5

Kinesiology

MOVEMENT-BASED COURSES

Aquatics: (maximum of one course)) Units
KINE 002A Beginning Swimming	1
KINE 002B Intermediate Swimming	1
KINE 002D Swim for Fitness	1

Combatives: (maximum of one course)...... Units KINE 003A Beginning Self Defense 1

KINE 003D Beginning Judo	1
KINE 003E Intermediate Judo	1
KINE 006A Cardio Kickboxing	1

Dance: (maximum of one course) Units

DANC 004A Beginning Contemporary

Modern Dance	. 1
DANC 004B Beginning Tap Dance	. 1
DANC 004C Intermediate Tap Dance	. 1
DANC 004D Advanced Jazz Dance	. 1
DANC 004F Beginning Hip-Hop Dance	. 1
DANC 004H Beginning Jazz Dance	. 1
DANC 004J Beginning Ballroom Dance	. 1
DANC 004K Beginning Ballet	. 1
DANC 004M Intermediate Ballet	. 1
DANC 004N Beginning Swing Dance	. 1
DANC 004P Intermediate Jazz Dance	. 1
DANC 004S Intermediate Swing Dance	. 1
DANC 004T Intermediate Ballroom Dance	. 1

Fitness: (maximum of one course) Units
KINE 005D Circuit Training1
KINE 005E Cardio Conditioning1
KINE 005J Beginning Body Conditioning1
KINE 005K Intermediate Body Conditioning1
KINE 005M Beginning Weight Training1
KINE 005N Intermediate Weight Training1
KINE 005P Step Aerobics1
KINE 005R Functional & Core Training1
KINE 006C Pilates for Fitness1
KINE 006E Fundamentals of Yoga1
KINE 006F Intermediate Yoga 1
KINE 078 Fit Ball Training1

Individual Sports: (maximum of one course)...... Units

KINE 007F Beginning Archery	1
KINE 008A Beginning Tennis	1
KINE 008B Intermediate Tennis	
KINE 008E Beginning Badminton	1
KINE 008F Intermediate Badminton	1

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

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

Sports Medicine/Athletic Training

Associate in Science

Program Description

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

The Associate in Science can be obtained upon completion of the 25-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Sports Medicine/Athletic Training Associate in Science will be able to:

- 1. Recognize and identify common athletic injuries and the role the certified athletic trainer plays in injury assessment.
- 2. Complete athletic training competency skills required in first 2 years of ATEP Athletic Training programs. Develop and apply strategies to prevent the incidence and/or severity of injury and illnesses
- 3. Apply clinical and decision making skills to respond to acute injury and illness; including emergencies
- 4. Assess patient status and develop treatment and rehabilitation that are consistent with contemporary disablement models
- 5. Identify, in the laboratory, major microscopic and gross structures of the major systems of the human body.

REQUIRED COURSESUnits
BIO 004 Human Anatomy5
CHEM 010 Intermediate Chemistry 4
KINE 020A Introduction to Kinesiology
SPMD 054 Care and Prevention of Athletic Injuries 3
KINE 020S Advanced First Aid and Emergency Care 3
SPMD 055A Sports Medicine-Athletic
Training Practicum Fall Sports 3
SPMD 055B Sports Medicine-Athletic
Training Practicum Spring Sports
SPMD 071 Back Care and Injury Management1
Required Major Total Units

Learning Resources

DEGREES

Learning resources classes support students in their coursework by exploring information competency, the ability to find, evaluate, use, and communicate information in all its various formats. Information competency includes consideration of the ethical and legal implications of information and requires the application of both critical thinking and communication skills. LR 010 is a co-requisite of ENGL 001: College Composition, and teaches skills that can be applied in all research and inquiry.

The courses do not lead to a certificate, degree or transfer agreement in themselves. However, these courses may apply to other programs and may also be used toward lower division general education.

COURSES

LR (Learning Resources)

CONTACT INFORMATION:

Library

Building: 100, Library Phone Number: (707) 864-4519 Email: scclibrary@solano.edu



Liberal Studies

DEGREES Liberal Studies(AA)

CONTACT INFORMATION:

Counseling

Building: 400 Room 404 Phone Number: (707) 864-7101 Email: counseling@solano.edu

Dean: Kristin Conner



Liberal Studies

Associate in Arts

Program Description

This program is designed to broaden students knowledge, abilities, and skills to create a foundation in the liberal arts. Students gain a broad background in the social and behavioral sciences, humanities, communication, fine and preforming arts, mathematics, and the physical and biological sciences. The students are able to complete lower division major preparation and general education for transfer while simultaneously completing the Liberal Studies Associate in Arts. This program provides opportunities for students who are exploring degree options and are not yet certain about their specific degree goals at the four-year level.

The Associate in Arts can be obtained by completing the 23-25-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes:

Students completing the Liberal Studies Associate in Arts will be able to:

- 1. Apply an understanding of how diverse cultural beliefs and social, political and/or historical context impact forms of human expression.
- 2. Demonstrate quantitative reasoning skills through problem solving.
- 3. Students will successfully communicate ideas through various forms of expression.

REQUIRED COURSES
ENGL 002 Critical Thinking and Writing About Literature
ENGL 004 Critical Thinking and Composition: Language in Context
MATH 011 Elementary Statistics 4 or
MATH 012 Mathematical Ideas 3
One course from List A: Social Sciences
List A. Social Sciences (sclest one source)
List A: Social Sciences (select one course) Units ANTH 002 Cultural Anthropology
GEOG 002 Cultural Geography
PLSC 001 Introduction to American Government and Politics
PSYC 001 Introduction to Psychology
PSYC 012 Introduction to Gender
SOC 001 Introduction to Sociology
SOC 002 Social Issues and Problems
SOC 040 Sociology of the Family

List B: Health and Science (select one course) Units ASTR 010 General Astronomy 3
BIO 015 Introduction to Biology 4
BIO 016 Introduction to Human Biology 3
KINE 020A Introduction to Kinesiology
GEOG 001 Physical Geography 3
GEOL 001 Physical Geology 3
GEOL 005 Geology of California 3
List C: Arts and Humanities (select one course) Units
ART 001 Art History 3
ART 002 Art History 3
ART 010 Art Appreciation 3
ART 012 Inside/Outside: The Cultures and Identities of
Diverse Visual Artists in the U.S.
CINA 011 American Cultures in Film
HIST 017 History of the United States to 1877
HIST 018 History of the United States from 1865
HIST 028 African American History to 1877
HIST 029 African American History Since 1865
MUSC 008 Music Appreciation
MUSC 013 Multicultural Music in America
PHIL 003 Introduction to Philosophy
PHIL 004 Introduction to Moral Philosophy 3

Mathematics Department

DEGREES Mathematics (AS-T)

COURSES MATH (Mathematics) **CONTACT INFORMATION:** School of Mathematics and Sciences

Building: 2700 Room 2719B Phone Number: (707) 864-7110 Fax Number: (707) 646-2054

Dean: Joseph Ryan Administrative Assistants:

Mathematics: Kayla Kaywood Sciences: Kelsi Mundell

Faculty Contact:

Darryl Allen Joseph "Joe" Conrad Carlos Esteve Susanna Gunther Alan Jian Svetlana Podkolzina Randy Robertson Mary Anne Valch Kevin Brewer Sarah Donovan Thomas "Tom" Grube Zak Hannan Will Martinelli Genele Rhoads Kheck Sengmany Dmitriy Zhiv



P.A.C.E. - SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to observe, learn, analyze, evaluate, or solve problems?
- ...enjoys to question and explore physical or biological happenings?
- ...likes to work hands-on with objects, machines, tools, plants, or animals?
- ...is interested in math and/or thinking analytically to solve complex problems?

Guided Pathways: MATHEMATICS (AS-T)

Associate in Science for Transfer | GE Pattern: IGETC| | Program Total Units: 63-67.5

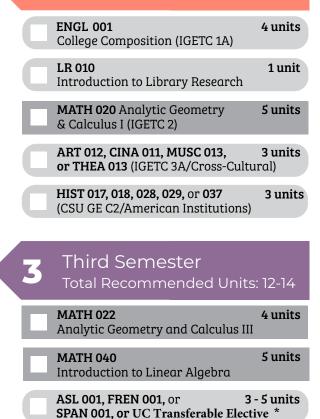
This program map represents **one possible pathway**. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Mathematician • Mathematics or Mathematical Science Teacher • Mathematical Technician • Statistician

What your potential plan could look like...

First Semester Total Recommended Units: 16



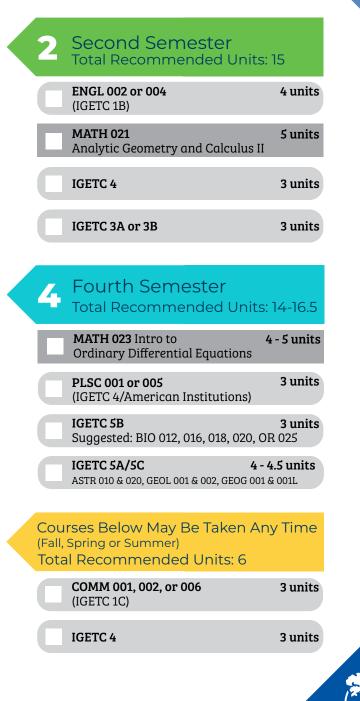
*Depends on whether or not student took two years of the same foreign language in high school and passed with a minimum grade of c.



Square, darker color: Required Courses/ Courses in Discipline



Rounded, lighter color: GE Courses/Categories





Associate in Science in Mathematics for Transfer (ADT: A.S.-T)

Program Description

Successful completion of this major will assure competence in mathematics through differential and integral calculus, providing an adequate background for employment in many technological and scientific areas as well as providing a firm foundation for students planning to pursue a baccalaureate degree in mathematics.

The Associate in Science in Mathematics for Transfer is especially appropriate for students who plan to complete a bachelor's degree in Mathematics at a CSU campus. Students completing the AS-T 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 AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree. This degree also prepares students for mathematics 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 Mathematics for Transfer, students must:

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

Program Outcomes

Students who complete the Associate in Science in Mathematics for Transfer will be able to:

- 1. Solve problems expressed symbolically.
- 2. Analyze problems using a graphical or numerical perspective.
- 3. Interpret and analyze information to develop strategies to solve applications.

REQUIRED COURSESUnits
MATH 020 Analytic Geometry and Calculus I5
MATH 021 Analytic Geometry and Calculus II5
MATH 022 Analytic Geometry and Calculus III
MATH 040 Introduction to Linear Algebra
MATH 023 Differential Equations
MATH 011 Elementary Statistics 4
Required Major Total Units21

Music Department

DEGREES

Music (AA-T) Music-Instrumental (AA) Music-Vocal (AA)

COURSES MUSC (Music) **CONTACT INFORMATION:**

School of Liberal Arts

Building: 1300 Room 1307B Phone Number: (707) 864-7250 Fax Number: (707) 646-2072

Dean: Neil Glines

Administrative Assistants: Leigh Anne Jones Donna Meyer

Faculty Contact: Kristy Juliano Teri Yumae



P.A.C.E. - VISUAL, PERFORMANCE, AND LANGUAGE ARTS - A PATHWAY FOR ACADEMIC AND CAREER EXCELLENCE AT SOLANO COMMUNITY COLLEGE

- ...desires to express yourself creatively and using imagination or intuition?
- ...enjoys feeling free to be inventive without limits?
- ...likes to inform, enlighten, help, or teach, using your skills with words and physicality to serve people?
- ...is interested in self-expression and thinking critically on the world in which we live?

Guided Pathways: MUSIC AA-T

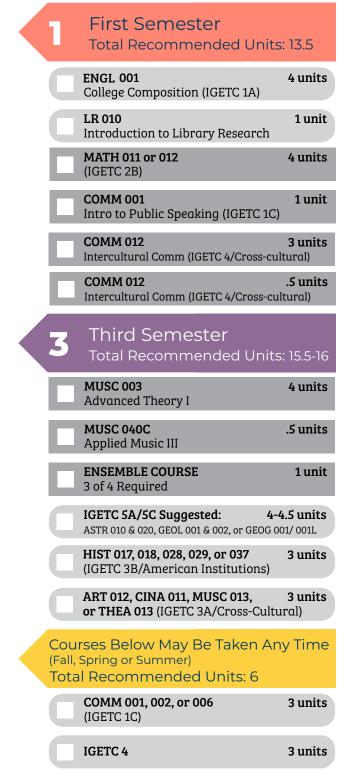
Associate in Arts for Transfer | GE Pattern: IGETC| | Program Total Units: 62-62.5

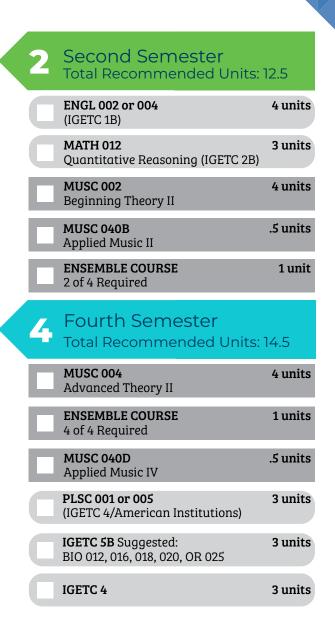
This program map represents one possible pathway. See a counselor to create a customized education plan. Map is for the 2021-2022 catalog year.

Career Paths

Music Therapist • Musician • Music Director • Music Instructor • Music Composer and Arranger • Sound Engineer

What your potential plan could look like...







Required Courses/ Courses in Discipline

Rounded, lighter color: GE Courses/Categories



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

Program Description

The Associate in Arts in Music for Transfer provides students with the foundations for a broad range of musical specializations such as instrumental performance, vocal performance, jazz performance, composition, theory, musicology, ethnomusicology, music education, and music industry.

The Associate in Arts in Music for Transfer provides students with the foundations for a broad range of musical specializations such as instrumental performance, vocal performance, jazz performance, composition, theory, musicology, ethnomusicology, music education, and music industry. The Associate in Arts in Music for Transfer provides students with a major that fulfills the general requirements of the California State University for transfer. Students completing an Associate in Arts in Music for Transfer are guaranteed priority admission with junior status to the CSU system, but not to a particular campus or major.

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

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

Program Outcomes

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

- 1. Analyze and perform the elements of music (rhythm, melody, harmony and form) with technical facility and artistry as a soloist and as a member of an ensemble.
- 2. Analyze musical scores and compositions.
- 3. Critique personal music performances and those of other musicians

REQUIRED COURSES	Units
MUSC 005 Music Fundamentals	3
MUSC 001 Beginning Theory I	4
MUSC 002 Beginning Theory II	4
MUSC 003 Advanced Theory I	4
MUSC 008 Music Appreciation	3
MUSC 040A Applied Music I	0.5
MUSC 040B Applied Music II	0.5
MUSC 040C Applied Music III	0.5
MUSC 040D Applied Music IV	0.5
Four semesters of Large Ensemble courses	4
Required Major Total Units	24

LARGE ENSEMBLE COURSES	Units
MUSC 009 Wind Ensemble	1
MUSC 010 Concert Band	1
MUSC 011 Symphonic Band	1
MUSC 014 Jazz Ensemble	1
MUSC 015 Stage Band	1
MUSC 016 Symphony Orchestra	1
MUSC 017 Chamber Orchestra	1
MUSC 020 Choir	1
MUSC 024 Master Works Chorale	1
MUSC 025 Chamber Choir	1
MUSC 026 Vocal Jazz Ensemble	1

Music-Instrumental

Associate in Arts

Program Description

This program gives students the opportunity to gain the skills and knowledge needed as preparation for careers in music. Required courses include theory and musicianship, piano proficiency and large performance ensemble. Performance opportunities in both vocal and instrumental music enhance a student's understanding and skill levels. The choice of music history/literature courses enables the student to customize his/her own needs and/or special interests. The music faculty is dedicated to assisting students in exploring performance and teaching opportunities. The degree provides students the foundations for a broad range of musical specializations such as traditional instrumental performance, jazz performance, composition, theory, musicology, ethnomusicology, music education, and music industry.

The Associate in Arts can be obtained by completing the 27-28-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Music-Instrumental Associate in Arts will be able to:

- 1. Analyze and perform the elements of music (rhythm, melody, harmony and form) with technical facility and artistry as a soloist and as a member of an ensemble.
- 2. Analyze and compose musical exercises using a variety of technical skills.
- 3. Critique personal music performances and those of other musicians.
- 4. Compare and contrast the characteristics of various musical cultures and historical periods.

REQUIRED COURSESUnits	;
MUSC 001 Beginning Theory I 4	ŀ
MUSC 002 Beginning Theory II 4	ŀ
MUSC 003 Advanced Theory I 4	ŀ
MUSC 005 Music Fundamentals 3	5
MUSC 041A Music Majors Piano1	
MUSC 041B Music Majors Piano1	
One course from List A 1	
Two courses from List B2-3	
One course from List C 3	,
Three units from list D (One performance ensemble	
each semester) 3	
Required Major Total Units	5
List A: (select one course)Units	
MUSC 010 Concert Band 1	
MUSC 014 Jazz Ensemble	
MUSC 017 Chamber Orchestra 1 MUSC 020 Choir 1	
MUSC 020 Choir 1	•
List B: (select two courses)Units	5
MUSC 029 Intermediate Piano Part I 1	
MUSC 030 Intermediate Piano Part II1	
MUSC 031 Class Lessons in Woodwinds1	
MUSC 032 Class Lessons in Brass 1	
MUSC 033 Class Lessons in Strings1	
MUSC 034 Class Lessons in Percussion 1.5	,
MUSC 038 Class Lessons in Beginning Guitar 1.5	•

MUSC 039 Class Lessons in Intermediate Guitar 1.5
MUSC 042A Jazz and Pop Piano1
MUSC 042B Jazz and Pop Piano1
List C: (select one course) Units
MUSC 007 Jazz and Popular Music in America:
Ragtime to rock 3
MUSC 008 Music Appreciation3
MUSC 013 Multicultural Music in America
MUSC 045 History of Rap and Hip-Hop
List D: (select three units) Units
(One performance ensemble each semester)
(One performance ensemble each semester)
(One performance ensemble each semester) MUSC 009 Wind Ensemble1
(One performance ensemble each semester) MUSC 009 Wind Ensemble
(One performance ensemble each semester) MUSC 009 Wind Ensemble
(One performance ensemble each semester)MUSC 009 Wind Ensemble1MUSC 010* Concert Band1MUSC 014* Jazz Ensemble1MUSC 015 Stage Band1
(One performance ensemble each semester)MUSC 009 Wind Ensemble1MUSC 010* Concert Band1MUSC 014* Jazz Ensemble1MUSC 015 Stage Band1MUSC 016 Symphony Orchestra1
(One performance ensemble each semester)MUSC 009 Wind Ensemble1MUSC 010* Concert Band1MUSC 014* Jazz Ensemble1MUSC 015 Stage Band1MUSC 016 Symphony Orchestra1MUSC 017* Chamber Orchestra1

*If not used in List A

MUSC 027 recommended the first semester of enrollment for students who do not have strong music reading skills. Please consult with an instructor.

Music-Vocal

Associate in Arts

Program Description

This program gives students the opportunity to gain the skills and knowledge needed as preparation for careers in music. Required courses include theory and musicianship, piano proficiency and large ensemble. Performance opportunities in both vocal and instrumental music enhance a student's assimilation and skill levels. The choice of music history/literature courses enables the student to customize his/her own needs and/or special interests. The music faculty is dedicated to assisting students in exploring performance and teaching opportunities. The degree provides students the foundations for a broad range of musical specializations such as solo vocal performance, choral performance, choral directing, composition, theory, musicology, ethnomusicology, music education, as well as a broad range of specialties in the music industry.

The Associate in Arts can be obtained by completing the 27-unit major, General Education, and electives as needed to complete a minimum of 60 units. All courses for this major must be completed with a minimum grade of C or a P if the course is taken on a Pass/No Pass basis.

Program Outcomes

Students who complete the Music-Vocal Associate in Arts will be able to:

- 1. Analyze and perform the elements of music (rhythm, melody, harmony and form) with technical facility and artistry as a soloist and as a member of an ensemble.
- 2. Analyze and compose musical exercises using a variety of technical skills.
- 3. Critique personal music performances and those of other musicians.
- 4. Compare and contrast the characteristics of various musical cultures and historical periods.

REQUIRED COURSESUnits
MUSC 001 Beginning Theory I 4
MUSC 002 Beginning Theory II 4
MUSC 003 Advanced Theory4
MUSC 005 Music Fundamentals 3
MUSC 041A Music Majors Piano1
MUSC 041B Music Majors Piano1
MUSC 024 Master Works Chorale1
MUSC 025 Chamber Choir1
Two courses from List A2
One course from List B
Three units from List C (One performance ensemble each
semester)
Required Major Total Units27
List A: (select two courses)Units
MUSC 029 Intermediate Piano Part I 1
MUSC 030 Intermediate Piano Part II1
MUSC 035A Beginning Voice I1
MUSC 035B Beginning Voice II1
MUSC 036A Intermediate Voice I 1
MUSC 036B Intermediate Voice II1
MUSC 051 Jazz and Popular Solo voice1

List B: (select one course) Units
MUSC 007 Jazz and Popular Music in America:
Ragtime to rock 3
MUSC 008 Music Appreciation 3
MUSC 013 Multicultural Music in America
MUSC 045 History of Rap and Hip-Hop 3
List C: (select three units) Units One performance ensemble each semester MUSC 014 Jazz Ensemble 1
or
MUSC 017 Chamber Orchestra1
MUSC 020 Choir
MUSC 021 Chorus 1
MUSC 024* Master Works Chorale 1
MUSC 025* Chamber Choir1
MUSC 026 Vocal Jazz Ensemble 1
*If not used in Required Courses

MUSC 027 recommended the first semester of enrollment for students who do not have strong music reading skills. Please consult with an instructor