

ASSOCIATE IN SCIENCE GENERAL EDUCATION (GE) PATTERN

Courses listed in more than one area will NOT be applied to more than one GE area/subarea: A-E. For a course to meet an AS GE requirement, the course must be on the AS GE pattern during the academic year it was completed. Use of credit from previous academic years and from other California Community Colleges can be verified on www.assist.org

AREA A: English Language Communication

Minimum 6 units - two courses: one course from each subarea with grades of "C" or better.

Course	Title	Credits
A1: Oral Communication		
COMS 010	Interpersonal Communication	3
COMS 020	Oral Communication	3
COMS 040	Introduction to Argumentation	3
COMS 045	Small Group Communication	3
A2: Written Communication		
ENGL 001A	English Composition	3

AREA B: Scientific Inquiry with a Laboratory

Minimum 3 units - one course with a lab

Course	Title	Credits
ASTRO 010 & 010L	Introduction to Astronomy and Introductory Astronomy Lab	4
BIOL 004A	General Principles and Cell Biology	5
BIOL 004B	Biodiversity and Organismal Biology	5
BIOL 020	Human Biology	4
BIOL 021	General Biology	4
BIOL 064	Marine Biology	4
BIOL 071	Human Anatomy	5
BIOL 072	Human Physiology	5
BIOL 074	General Microbiology	5
CHEM 001A	General Chemistry	5
or CHEM 001AH	Honors General Chemistry	
CHEM 001B	General Chemistry	5
CHEM 010	Everyday Chemistry	4
CHEM 012A	Organic Chemistry	5
CHEM 012B	Organic Chemistry	5
CHEM 015	Fundamentals of Chemistry	4
or CHEM 015H	Honors Fundamentals of Chemistry	
CHEM 032A	Intro to General, Organic, & Biological Chemistry	4
CHEM 032B	Intro to General, Organic, & Biological Chemistry	4
ENVIR 010	Environmental Science	4

GEOL 010 & 010L	Physical Geology and Physical Geology Laboratory	4
GEOL 015 & 015L	Earth Science and Earth Science Laboratory	4
PHYS 002A	Algebra/Trigonometry-Based Physics I	4
PHYS 002B	Algebra/Trigonometry-Based Physics II	4
PHYS 004A	General Physics	5
PHYS 004B	General Physics	5
PHYS 004C	General Physics	5
Cosmetology AS Degree Only		
COS 010A	Cosmetology Freshman Theory	5
COS 010B	Cosmetology Senior Theory	5
COS 105A	Cosmetology Freshman Laboratory	16
COS 105B	Cosmetology Senior Laboratory	16

Dental Assisting AS Degree Only

DENT 151	Dental Anatomy and Vital Signs	3
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Medical Assisting AS Degree Only

MA 004	Structure and Function of the Human Body	4
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AREA C: Arts and Humanities

Minimum 6 units – two courses: one course from C1 and one course from C2

Course	Title	Credits
C1: Arts		
ART 090	Art Appreciation	3
ART 091	Survey of Art History: Prehistoric Through Gothic	3
ART 092	Survey of Art History: Renaissance to the Present	3
ART 093	Art of the Americas	3
ART 096	Survey of Asian Art	3
DANCE 002	Dance Appreciation	3
ETH 011	Ethnic Film: Reel Studies	3
ETH 022	African American Cinema	3
ETH 032	Introduction to Chicano/Latinx Music in The U.S.	3
or MUSIC 032	Introduction to Chicano/Latinx Music in The U.S.	
HUMNT 001	Introduction to Visual and Performing Arts	3
MUSIC 083	Exploring the World of Music	3
or MUSIC 083H	Honors Exploring the World of Music	
MUSIC 091	Music Appreciation: Western Civilization	3
MUSIC 095	Music Appreciation: Jazz	3
MUSIC 099	Introduction to Music Theory	3
THEAT 002	Beginning Acting	3
THEAT 020	Introduction to Theatre	3
THEAT 040	Introduction to Film	3
THEAT 055	Chicano/Latinx Theatre	3
C2: Humanities		
ARABC 001A	Elementary Arabic	5
ARABC 001B	Elementary Arabic	5
ENGL 001B	English Composition	3
ENGL 010	Great Works of Literature	3

ENGL 033	Women in Literature	3
ENGL 065	The Short Story	3
ENGL 071A	Fundamentals of Creative Writing/Poetry	3
ENGL 071B	Fundamentals of Creative Writing/Fiction	3
ENGL 071C	Fundamentals of Creative Writing/Drama	3
ENGL 073	Introduction to Shakespeare	3
ENGL 079	Memoir Writing	3
ENGL 080	Mexican-American Literature	3
ENGL 081	Introduction to African American Literature	3
ENGL 084A	Survey of American Literature I	3
ENGL 084B	Survey of American Literature II	3
ENGL 086A	Survey of British Literature I	3
ENGL 086B	Survey of British Literature II	3
ETH 019	The African American Family	3
ETH 020	African American Culture	3
ETH 026	Vietnamese Women in the U.S.	3
ETH 027	Introduction to Race & Ethnicity in American History	3
or ETH 027H	Honors Introduction to Race & Ethnicity In American History	
ETH 028	Introduction to Critical Race & Social Justice	3
ETH 029	Women of Color in the United States	3
ETH 030	Chicana/o Culture	3
ETH 037A	Mexican American History I	3
or ETH 037AH	Honors Mexican American History I	
ETH 037B	Mexican American History II	3
ETH 041	Vietnamese American Culture	3
ETH 042	Asian American Experience	3
FREN 001A	Elementary French	5
FREN 001B	Elementary French	5
FREN 002A	Intermediate French	5
FREN 002B	Intermediate French	5
GLOBL 007	Global Citizenship/Civics	3
HIST 005	History of Asian Americans	3
HIST 010A	Development of Western Culture	3
HIST 010B	Development of Western Culture	3
HIST 011A	World History to 1500	3
HIST 011B	World History from 1500	3
HUMNT 002	Introduction to World Literature	3
HUMNT 003	Introduction to Women's, Gender, and Sexuality Studies	3
JAPAN 001A	Elementary Japanese 1	5
JAPAN 001B	Elementary Japanese 2	5
JAPAN 002A	Intermediate Japanese 1	5
JAPAN 002B	Intermediate Japanese 2	5
PHIL 010	Introduction to Philosophy	3
PHIL 012	Introduction to Existentialism	3
PHIL 065	Introduction to Ethics	3
PHIL 070	Comparative Religions	3
SL 001A	American Sign Language 1	3
SL 001B	American Sign Language 2	3
SL 002A	American Sign Language 3	3
SL 002B	American Sign Language 4	3
SPAN 001A	Elementary Spanish 1	5
SPAN 001B	Elementary Spanish 2	5
SPAN 002A	Intermediate Spanish 1	5
SPAN 002B	Intermediate Spanish 2	5
SPAN 022A	Spanish for Heritage Speakers 1	5
SPAN 022B	Spanish for Heritage Speakers 2	5
SPAN 031	Introduction to Spanish Linguistics	3
SPAN 032	Introduction to Spanish and Latin American Literature	3
THEAT 015	Theatre History 1	3
VIET 001A	Elementary Vietnamese 1	5
VIET 001B	Elementary Vietnamese 2	5

AREA D: Social Sciences

Minimum 6 units – two courses

Course	Title	Credits
AJ 010	Introduction to Administration of Justice	3
AJ 011	Criminal Law	3
AJ 013	Criminal Procedures	3
AJ 014	Contemporary Police Issues	3
AJ 016	Street Law	3
AJ 019	Law Enforcement in Multicultural Communities	3
AJ 113	Violent Crime in America	3
AJ 116	Introduction to Corrections	3
ADS 070	Introduction to Chemical Dependency	3
ANTH 062	Introduction to Physical Anthropology	3
ANTH 063	Introduction to Social and Cultural Anthropology	3
COMS 010	Interpersonal Communication	3
COMS 018	Introduction to Communication Studies	3
COMS 035	Intercultural Communication	3
CIS 041	Introduction to Computer Information Systems	3
ECE 107	Child, Family and Community	3
ECON 010A	Principles of Macroeconomic Theory	3
ECON 010B	Introduction to Microeconomic Theory	3
ENGL 033	Women in Literature	3
ENGL 080	Mexican-American Literature	3
ENGL 081	Introduction to African American Literature	3
ETH 018	The African American Male Experience	3
ETH 019	The African American Family	3
ETH 020	African American Culture	3
ETH 022	African American Cinema	3
ETH 026	Vietnamese Women in the U.S.	3
ETH 027	Introduction to Race & Ethnicity in American History	3
or ETH 027H	Honors Introduction to Race & Ethnicity In American History	
ETH 028	Introduction to Critical Race & Social Justice	3
ETH 029	Women of Color in the United States	3

ETH 030	Chicana/o Culture	3
ETH 031	Social Justice Issues in Chicana Communities	3
ETH 037A or ETH 037AH	Mexican American History I Honors Mexican American History I	3
ETH 037B	Mexican American History II	3
ETH 041	Vietnamese American Culture	3
ETH 042	Asian American Experience	3
FCS 070	Child Development	3
GEOG 010	Introduction to Physical Geography	3
GEOG 011	Introduction to Cultural Geography	3
GEOG 012	World Regions in Global Context	3
GLOBL 001	Introduction to Global Studies	3
GLOBL 002	Global Issues	3
GLOBL 003	Introduction to Sustainability	3
GLOBL 007	Global Citizenship/Civics	3
GLOBL 012	World Regions in Global Context	3
HED 010	Introduction to Public Health	3
HIST 001 or HIST 001H	Survey of American History Honors Survey of American History	3
HIST 005	History of Asian Americans	3
HIST 009	Women in American History	3
HIST 010A	Development of Western Culture	3
HIST 010B	Development of Western Culture	3
HIST 011A	World History to 1500	3
HIST 011B	World History from 1500	3
HIST 017A or HIST 017AH	History of the United States Honors History of the United States	3
HIST 017B or HIST 017BH	History of the United States Honors History of the United States	3
HIST 021	African American History	3
HIST 024	History and Culture of the American Indian	3
HUMNT 003	Introduction to Women's, Gender, and Sexuality Studies	3
JOURN 021	Mass Media and Society	3
KIN 010	Sports in Society	3
POLSC 001 or POLSC 001H	Politics and Government In America Honors Politics and Government in America	3
POLSC 002	Comparative Politics	3
POLSC 004	International Relations	3
POLSC 005	International Law and Human Rights	3
PSYCH 010 or PSYCH 010H	General Psychology Honors General Psychology	3
PSYCH 012	Social Psychology	3
PSYCH 020	Psychology of Stress Reduction	3
PSYCH 022	Research Methods in Psychology	3
PSYCH 031	Biological Psychology	3
PSYCH 035	Psychology of Women	3
PSYCH 041	The Psychology of Developmental Disabilities	3
PSYCH 060	Personal Growth and Adjustment	3
PSYCH 092	Developmental Psychology	3
PSYCH 099	Abnormal Psychology	3

PSYCH 100	Human Sexuality	3
SL 015	Deaf Culture	3
SOC 010 or SOC 010H	Introduction to Sociology Honors Introduction to Sociology	3
SOC 011	Social Problems	3
SOC 017	Sociology of Marriage and Family	3

AREA E: Lifelong Learning and Self-Development

Minimum 3 units - one *lecture* course (if needed, only 1 unit of physical activity may be used in this area)

Course	Title	Credits
ADS 075A	Counseling Theories and Skills	3
FCS 019	Nutrition	3
FCS 070	Child Development	3
GUIDE 050A	First Year Experience College Success	2
GUIDE 050B	First Year Experience-Careers	2
GUIDE 087	Developing and Sharpening College Skills	3
GUIDE 096	Career and Life Planning	3
GUIDE 130	College and Life Success	3
HED 011	Dynamic Health Concepts	3
KIN 005	Introduction to Kinesiology	3
KIN 010	Sports in Society	3
KIN 095	Life Skills for the Student Athlete	3
PSYCH 020	Psychology of Stress Reduction	3
PSYCH 035	Psychology of Women	3
PSYCH 060	Personal Growth and Adjustment	3
PSYCH 092	Developmental Psychology	3
PSYCH 100	Human Sexuality	3
Physical Activity		
APE 030E	Adapted Fitness for Life	1
APE 053E	Adapted Low Impact Walking/Jogging for Health	1
APE 056E	Adapted Weight Training	1
DANCE 006	Dance Conditioning and Injury Prevention	1
DANCE 010	Ballet, Beginning 1	1
DANCE 010B	Ballet, Beginning 2	1
DANCE 011	Ballet, Intermediate I	1
DANCE 011B	Ballet, Intermediate 2	1
DANCE 011C	Ballet, Advanced	1
DANCE 013A	Dancers' Workshop - Student, Large Group	0.5-1
DANCE 013B	Dancers' Workshop - Student, Small Group	0.5-1
DANCE 013C	Dancers' Workshop - Student, Solo/Duet	0.5-1
DANCE 014A	Rehearsal and Performance - Modern Dance	0.5-1.5
DANCE 014B	Rehearsal and Performance - Jazz Dance	0.5-1.5
DANCE 014C	Rehearsal and Performance - Hip-Hop Dance	0.5-1.5
DANCE 014D	Rehearsal and Performance - Tap Dance	0.5-1.5
DANCE 014E	Rehearsal and Performance - Ballroom Dance	0.5-1.5
DANCE 014F	Rehearsal and Performance - Ballet	0.5-1.5

DANCE 015	Dance Team: Rehearsal and Performance 1	2
DANCE 015B	Dance Team: Rehearsal and Performance 2	2
DANCE 020	Jazz-Contemporary Dance, Beginning 1	1
DANCE 020B	Jazz-Contemporary Dance, Beginning 2	1
DANCE 021	Jazz-Contemporary, Intermediate 1	1
DANCE 021B	Jazz-Contemporary Dance, Intermediate 2	1
DANCE 023B	Hip-Hop Dance, Beginning	1
DANCE 023C	Hip-hop Dance, Intermediate	1
DANCE 030	Dance Improvisation	1.5
DANCE 032	Choreography	1.5
DANCE 034A	Choreography Workshop - Large Group	1
DANCE 034B	Choreography Workshop - Small Group	1
DANCE 034C	Choreography Workshop - Solo/Duet	1
DANCE 040B	Tap Dance, Beginning	0.5
DANCE 040C	Tap Dance, Intermediate	0.5
DANCE 050	Modern-Contemporary Dance, Beginning 1	1
DANCE 050B	Modern-Contemporary Dance, Beginning 2	1
DANCE 051	Modern-Contemporary Dance, Intermediate 1	1
DANCE 051B	Modern-Contemporary Dance, Intermediate 2	1
DANCE 064	Ballroom Dance, Beginning	0.5
DANCE 065	Ballroom Dance, Intermediate	0.5
DANCE 066	Intermediate Ballroom - Latin	1
DANCE 067	Intermediate Ballroom - Swing	1
KINA 011	Sport-Specific Training for the Intercollegiate Athlete	1
KINA 057	Cross-Training for the Intercollegiate Athlete	1
KINAM 012A	Intercollegiate Basketball - Men	2
KINAM 012B	Intercollegiate Basketball - Men	1
KINAM 018	Intercollegiate Cross-Country - Men	3
KINAM 020	Intercollegiate Football	3
KINAM 024	Intercollegiate Golf	3
KINAM 048	Intercollegiate Track and Field - Men	3
KINAW 012A	Intercollegiate Basketball - Women	2
KINAW 012B	Intercollegiate Basketball - Women	1
KINAW 018	Intercollegiate Cross-Country - Women	3
KINAW 040	Intercollegiate Softball	3
KINAW 048	Intercollegiate Track and Field - Women	3
KINAW 052	Intercollegiate Volleyball	3
KINPE 008	Archery	1
KINPE 008B	Intermediate Archery	1
KINPE 009	Badminton	1
KINPE 009B	Intermediate Badminton	1
KINPE 012	Basketball	1
KINPE 012B	Intermediate Basketball	1
KINPE 013	Advanced Football	1
KINPE 017	Beginning Pickleball	1
KINPE 019	Tae Kwon Do	1
KINPE 023	Cardio Kickboxing	1
KINPE 024	Beginning Golf	1
KINPE 030	Fit for Life	1

KINPE 038	Soccer	1
KINPE 038A	Intermediate Soccer	1
KINPE 039	Hatha Yoga	1
KINPE 039B	Hatha Yoga-Intermediate	1
KINPE 040	Softball	1
KINPE 041	Pilates Mat Workout	1
KINPE 043	Body Sculpting	1
KINPE 044	Core, Alignment, and Resistance Exercise on the Ball	1
KINPE 048	Track and Field	1
KINPE 050	Cross Fitness	1
KINPE 052	Volleyball	1
KINPE 053	Walking/Jogging for Health	1
KINPE 055	Step Aerobics	1
KINPE 056	Beginning Weight Training	1
KINPE 056B	Intermediate Weight Training	1
KINPE 059	Yoga for Stress Management	1
KINPE 070	Beginning Hiking	1
KINPE 099A	Spin Cycling	1
KINPE 099B	Intermediate Spin Cycling	1

U.S. History, Constitution, and American Ideals (*US-1, US-2, and US-3*) - SJCC Graduation requirement

Complete one of the following options. These courses may also satisfy units in Area C or D.

Course	Title	Credits
OPTION 1		
ETH 037A	Mexican American History I	3
or ETH 037AH	Honors Mexican American History I	
AND		
ETH 037B	Mexican American History II	3
OPTION 2		
HIST 017A	History of the United States	3
or HIST 017AH	Honors History of the United States	
AND		
HIST 017B	History of the United States	3
or HIST 017BH	Honors History of the United States	
OPTION 3		
ETH 037A	Mexican American History I	3
or ETH 037AH	Honors Mexican American History I	
AND		
HIST 017B	History of the United States	3
or HIST 017BH	Honors History of the United States	
OPTION 4		
HIST 017A	History of the United States	3
or HIST 017AH	Honors History of the United States	
AND		
ETH 037B	Mexican American History II	3
OPTION 5		
POLSC 001	Politics and Government In America	3

or POLSC 001H Honors Politics and Government in America		
AND		
HIST 001	Survey of American History	3
or HIST 001H	Honors Survey of American History	
or HIST 005	History of Asian Americans	
or HIST 009	Women in American History	
or HIST 021	African American History	
or HIST 024	History and Culture of the American Indian	
or ETH 037A	Mexican American History I	
or ETH 037AH	Honors Mexican American History I	
or ETH 037B	Mexican American History II	
or HIST 017A	History of the United States	
or HIST 017AH	Honors History of the United States	
or HIST 017B	History of the United States	
or HIST 017BH	Honors History of the United States	

U.S. History, Constitution, and American Ideals

Complete one of the five options listed above.

Course	Title	Credits
Total Minimum Applicable Units Required for AS Degree		60

Total Requirements

Course	Title	Credits
Minimum GE for AS Degree		24

Additional Graduation Requirements

Course	Title	Credits
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Cultural Pluralism/Ethnic Studies

Complete one of the following courses: ANTH 063; COMS 035; ETH 011, 018, 019, 020, 022, 026, 027, 027H, 028, 029, 030, 031, 032, 033, 035, 037A, 037AH, 037B, 041, 042; ENGL 033, 080, 081; GLOBL 007; HIST 005, 009, 021, 024; HUMNT 003; KIN 010; MUSIC 032; PSYCH 035; SL 015

Grade Point Average

Minimum 2.0 GPA.

Math Competency

MATH 013 (Intermediate Algebra), MATH 013A+013B (Intermediate Algebra)

MATH 014 (Geometry) or the equivalent from a regionally accredited college with a grade of "C" or better.

Any higher level math course with a prerequisite of Intermediate Algebra or equivalent from a regionally accredited college with a grade of "C" or better.

Two semesters of high school Algebra II with a grade of "C" or better on high school transcripts in each semester or the equivalent.

External exam (AP, IB, CLEP, SAT, ACT) or placement test with a minimum score as indicated in the SJCC Catalog.

Major Coursework

Courses must be completed with grades of "C" or better; A "P" (Pass) grade is an acceptable grade for courses in the major if the course is taken on a "Pass/No Pass" basis. Review catalog and consult with a counselor.

Physical Activity

1 unit from Area E - Physical Activity

Reading/Written Expression Competency

A2 course - ENGL 001A with a grade of "C" or better

Residency

Complete at least 12 semester units in residence at SJCC.