



MJC•GE 2018-2019

MJC's General Education Pattern* for Associate's Degree

For students following the Career and Technical Educational pathway to Associate's degree from Modesto Junior College.

The MJC-GE pattern constitutes a set of requirements that, when successfully completed, demonstrates that the student has completed the general education requirement for associate degree at MJC. Completion of the MJC-GE pattern does not satisfy requirements for transfer to UC or CSU. Students are strongly advised to enroll in a Guidance class and/or speak to a counselor to ensure that the MJC-GE pattern is right for their short and long-range educational goals. For more information see "Planning Your Education" on page 71 of the 2018-2019 MJC Catalog.

Expected Learning Outcomes for General Education at MJC

For students who complete MJC-GE, CSU-GE, or IGETC to fulfill GE requirements for the associate degree at MJC

UPON COMPLETION OF AN ASSOCIATE'S DEGREE AT MODESTO JUNIOR COLLEGE, THE STUDENT WILL BE ABLE TO:

Demonstrate proficiency in NATURAL SCIENCE by:

- Explaining how the scientific method is used to solve problems.
- Describing how scientific discoveries and theories affect human activities.

Demonstrate proficiency in SOCIAL AND BEHAVIORAL SCIENCE by:

- Describing the method of inquiry used by the social and behavioral sciences.
- Describing how societies and social subgroups have operated in various times and cultures.
- Analyzing the ways that individuals act and have acted in response to their societies.

Demonstrate proficiency in the HUMANITIES by:

- Demonstrating awareness of the various ways that culture and ethnicity affect individual experience and society as a whole.
- Demonstrating the ability to make well considered aesthetic judgments.

Demonstrate proficiency in LANGUAGE AND RATIONALITY by:

- Demonstrating awareness of the interactive nature of communication involving effective listening, reading, writing, and speaking.
- Demonstrating critical thinking in the analysis and production of communication.
- Demonstrating the ability to find, evaluate, and use information in a variety of formats.

Demonstrate proficiency in HEALTH EDUCATION by:

- Describing the integration of the physiological and psychological human being.
- Analyzing the development of self and making plans for lifelong learning.
- Evaluating the impact of daily decisions on life and health.

*Approved by the MJC Academic Senate 02/18/2010. BS/MA/ISM

Area A. Natural Sciences: Complete a minimum of three (3) units

ANAT 125 Human Anatomy (4)(SU07)	BIO 145 Intro to Freshwater Bio (4)	ELTEC 208 Fund of Elect and Elect (3)(F97)	PHYS 101 Gen Phys: Mechanics (4)
ANSC 200 Intro to Animal Sci (3)	BOT 101 Gen Botany (4)(SU10)	ENSCI 108 Environ Conservation (3)	PHYS 102 Gen Phys: Waves, Therm, Optics (4)(SU11)
ANTHR 101* Biological Anthro (3)	BOT 110 Plant Biology (3)(SU16)	FDNTR 219 Intro to Nutr Sci (3) (SU17)	PHYS 103 Gen Phys: Elect, Mag & Mod Phys (4)(SU11)
ANTHR 105 Biological Anthro Lab (1)(F98)	CHEM 101 Gen Chemistry 1 (5)	GEOG 101 Physical Geography (3)	PHYS 142 Mech, Heat & Waves (4)
AP 050 Elem Human Anat-Phys (3)(F96)	CHEM 102 Gen Chemistry 2 (5)(SU09)	GEOG 111 Physical Geography, Lab (1)(SU17)	PHYS 143 Elect, Mag, Opt, Atm, & Nuclr (4)(SU11)
ASTRO 151 Intro to Astro Lab (1)(SU12)	CHEM 112 Org Chemistry 1(5)(SU11)	GEO 160 Intro to Geology (3)	PHYS 160 Descrip Intro to Phys (3)
ASTRO 160 Intro to Modern Astro (3)	CHEM 113 Org Chemistry 2 (5)(SU10)	GEO 161 Physical Geology (4)	PHYS 165 Intro Phys (4)
ASTRO 160/151 Intro to Mod Astro w/Lab (3,1)(SU12)	CHEM 122 Struct & React: Org Chem 1 (4)(SU15)	GEO 165 Geology of California (3)	PHYS 180 Cncptl Phys: Hands-on (4)(SU08)
BIO 050 Basic Biology (3)(F97)	CHEM 123 Struct & React: Org Chem 2 (4)(SU15)	GEO 166 Historical Geology (4)	PHYSO 101 Intro Human Physio (4)(SU07)
BIO 101 Biological Principles (4)	CHEM 142 Pre-Gen Chemistry (3)	METEO 161 Intro to Meteorology (4)(SU08)	PHYSO 103 Intro to NeuroSci (3)(SU08)
BIO 111 Gen Biology (4)	CHEM 143 Intro College Chemistry (4)	MICRO 101 Microbiology (4)	PLSC 200 Intro to Plant Sci (3)
BIO 114 Gen Ecology (4)(SU10)	CHEM 144 Fund of Org & Biochem (4)(SU09)	MICRO 111 Plagues of Humankind (3)(SU15)	PLSC 230 Fruit Sci (3)
BIO 115 Genetics, Evolution & Society (3)(F97)	CHEM 150 Explor Our Chem Environ (3)	NR 200 Soils (3)	PSYCH 103 Intro to NeuroSci (3)
BIO 116 Bio: A Human Prspctv (4)(SU10)	CHEM 164 Intro Chmstry Lab (2)(SU08)	PE 124 Intro to Kinesiology (3)(SU12)	ZOOL 101 Gen Zoology (4)(SU10)
BIO 128 Sierra Nev Nat Hstry (3)(SU16)	EASCI 161 Earth Sci (4)	PHSCI 52 The Way Things Work (3)(SU16)	
BIO 140 Intro to Marine Bio (4)	EASCI 162 Intro to Oceanography (4)(SU08)	PHSCI 180 Cncptl Phsci: Hands-on (4)(SU15)	

Area B. Social & Behavioral Sciences: Complete a minimum of three (3) units

ADJU 201 Intro to Admin of Justice (3)	ANTHR 150 Native People of N. Amer (3)(SU12)	FAMLF 131* Family Relationships (3)(F15)	HIST 106* World Civ to the 16th Cent (3)(F02)
ADJU 202 Princ/Proc of Just Syst (3)(SU12)	BUSAD 240 Principles of Mgmt (3)	GEOG 102 Cultural Geography (3)(F98)	HIST 107* World Civ from the 16th Cent(3)(F02)
ADJU 203 Concepts of Criminal Law (3)(SU12)	CLDDV 103* Child Growth & Devt (3)	GEOG 104 California Geography (3)(SU09)	HIST 112 20th Cent Amer (3)
ADJU 217* Substance Abuse (3)(SU13)	CLDDV 109 Child Fam-Comm (3)(F14)	GEOG 105 Economic Geography (3)(F00)	HIST 113 Soc/Cltl Hstry 20th Cent Amer (3)
ADJU 235 Intro to Corrections (3)(SU07)	CLDDV 160 Intro to Children w/ Spec Needs (3)(F03)	GEOG 110 World Regional Geography (3)(F97)	HIST 115 Econ Hstry of the US (3)
AGEC 210 Elem of Ag Econ (3)	CLDDV 262 Diversity in Educ Settings (3)(SU09)	HE 112 ^ Intro to Public Health (3)(SU15)	HIST 116 Women in Amer Hstry(3)(SU11)
AGGE 146 Ag, Environ & Soc (3)(F97)	COMM 103 Intercultural Comm (3)(SU14)	HE 114 Health & Social Justice (3)(SU16)	HIST 119 Soc/Cltl Hstry 20th Cent Amer (3)(F00)
ANTHR 101* Biological Anthro (3)(SU15)	COMM 130 InterCultural Comm (3)(SU14)	HE 115 Drugs, Health & Society (3)(SU17)	HIST 125 Hstry of Mexico (3)(SU11)
ANTHR 102 Cultural Anthro (3)	ECON 101 Principles of MacroEcon (3)	HIST 101 Hstry of US to 1877(3)	HIST 128 The American West (3)
ANTHR 104* Linguistic Anthro (3)(SU07)	ECON 102 Principles of MicroEcon(3)	HIST 102 Hstry of US since 1865 (3)	HIST 129 Hstry of California (3)(SU11)
ANTHR 130 Arch & Cltrl Prehstry(3)(SU12)	ECON 115 Econ Hist of the US (3)	HIST 104* Western Civ to 1650 (3)(SU11)	HIST 145 Hstry of Latin Amer (3)(SU11)
ANTHR 140 Magic, Witchcraft & Religion (3)(F97)	ENSCI 110 California Water (3)(F98)	HIST 105* Western Civ since 1650(3)(F02)	HIST 154 Afri Amer thru 19th Cent (3)(F99)

*Reflects Curriculum Committee MJC-GE approvals effective Summer 2018.

Area B. Social & Behavioral Sciences: (continued) Complete a minimum of three (3) units

HIST 155	Afri Amer in 20th/21st Cent (3)(F99)	POLSC 110	International Relations (3)	PSYCH 051	Psych in Everyday Life (3)	SOCIO 125	Sociology of the Family (3)(SU12)
HUMSR 101	Intro to Human Services (3)	POLSC 111	War/Peace: Lenin to Al Qaeda (3)(SU07)	PSYCH 101	Gen Psych (3)	SOCIO 150	Ethnic & Cultural in Amer (3)
HUMSR 114	Death & Dying (3)(SU08)	POLSC 120	Calif Politics & Problems (3)	PSYCH 102	Research Methods (3) (SU18)	SOCIO 154	Afri-Amer Cultural & Communities(3)
HUMSR 142	Intro to Psychos Rehab (3)(SU09)	POLSC 130	Political Theory (3)(SU11)	PSYCH 104	Intro to Social Psych (3)(SU08)	SOCIO 156	Mexican Cultural in the US (3)
HUMSR 143	Psychosoc Rehab Practice (3)(SU09)	POLSC 131	Amer Political Thought (3)(SU07)	PSYCH 105	Abnormal Psych (3)(SU07)	SOCSC 105*	Women's Studies (3)(F01)
PHILO 130^	Political Philosophy (3)(SU15)	POLSC 140	Comparative Politics (3)(SU07)	PSYCH 111	Psych of Gender (3)(SU07)	SOCSC 110	Intro to Elem Education (3)
POLSC 101	Amer Politics (3)	POLSC 165	Political Sci Rsch Meth (3)(SU16)	SOCIO 101	Intro to Sociology (3)		
POLSC 102	Const & Rights of Pers (3)	POLSC 180	Human Rights (3)(SU14)	SOCIO 102	Social Problems in US (3)(F98)		

Area C. Humanities: Complete a minimum of three (3) units

ANTHR 104^	Linguistic Anthro (3)(SU07)	ENGL 116	Intro to Drama (3)	HIST 106^	World Civ to the 16th Cent (3)(SU11)	PHILO 135	Environ Ethics (3)(SU09)
ART 102	Intro to Computer Graphics (3)(SU15)	ENGL 131	Intro to World Lit 1 (3)	HIST 107^	World Civ frm 16th Cent (3)(SU11)	PHILO 140	Philo & Film (3)
ART 120	Basic Drawing 1 (3)(SU12)	ENGL 132	Intro to World Lit 2 (3)	HUMAN 101	Intro to the Humanities (3)	SIGN 125	ASL: Begin Comm w/Deaf (3)
ART 124	Color & 2D Fndtn Design (3)(SU07)	ENGL 135	Surv Amer Lit to 1850 (3)	HUMAN 105	Early Humanistic Trad (3)	SIGN 126	ASL: Intern Comm w/Deaf (3)
ART 140	Sculpture 1 (3)(SU12)	ENGL 136	Surv Amer Lit: 1850 to Prsnt (3)	HUMAN 106	Humanities in Modern World (3)	SIGN 127	ASL: Adv Comm w/Deaf (3)
ART 151	Survey of Islamic Art (3)(SU18)	ENGL 137	Surv Engl Lit to Late 18th Cntry (3)	HUMAN 110	East Meets West (3)	SOCSC 105*	Women's Studies (3)(F01)
ART 160	Appreciation of Art (3)	ENGL 138	Surv Engl Lit: Late 18th Cntry-Prsnt (3)	HUMAN 130	Intro to Western Religions (3)(F03)	SOCSC 154	Movies with a Message (3)(SU08)
ART 162	Hstry of Renaissance Art (3)	ENGL 151	Folklore (3)	HUMAN 140	Intro to World Mythology (3)(F06)	SPAN 051	Intro to Practical Span 1 (3)
ART 163	Hstry of Modern Art (3)	ENGL 156	Bible as Lit: Hebrew Canon &... (3)	ITAL 101	Italian 1 (5)(SU08)	SPAN 052	Intro to Practical Span 2 (3)
ART 164	Hstry of Art 1:Prehis to Gothic(3)	ENGL 157	Bible as Lit: New Testament (3)	MUSG 101	Music Appreciation (3)	SPAN 101	Spanish 1 (5)
ART 165	Hstry of Art 2:Ren to Cotemp(3)	ENGL 161	Film Appreciation (3)	MUSG 102	Intro to World Music (3)(F99)	SPAN 102	Spanish 2 (5)
ART 168	Hstry of Photography (3)	ENGL 162	Hstry of Cinema (3)(F03)	MUSG 101	Intro to Amer Pop Music (3)	SPAN 103	Spanish 3 (4)
ART 169	Surv of Asian Art (3) (F99)	ENGL 163	Intro to Shakespeare (3)	MUSG 121	Hstry of Western Music 1 (3)	SPAN 109	Span for Span Spkrs 1(5)(SU07)
ART 170	Basic Photography (3)(SU12)	ENGL 168	Adolescent Lit (3)	MUSG 122	Hstry of Western Music 2 (3)	SPAN 110	Span for Span Spkrs 2(5)(SU07)
CMPGR 202	Intro to Comp Graphics (3)(SU15)	ENGL 169	Children's Lit (3)	MUST 101	Music Fund (3)(SU13)	SPAN 112	Intro to Chicano/a Lit (3)
COMM 120	Oral Interpretation (3)(SU14)	ENGL 171	Intro African-Amer Lit (3)	MUST 121	Music Theory 1 (3)(SU11)	SPAN 173	Surv of Latin Amer Lit (3)(F06)
COMM 122	Intro to Readers' Thir (3)(SU14)	ENGL 172	Intro to Chicano/a Lit (3)	MUST 122	Music Theory 2 (3)(SU11)	THETR 100	Intro to Thtr Arts (3)
COMM 123	Storytelling (3)(SU14)	ENGL 173	Intro to Latin Amer Lit (3)	MUST 123	Music Theory 3 (3)(SU13)	THETR 114	Script Analysis (3)(SU15)
COMM 124	Adv Readers' Thir (3)(SU14)	ENGL 174	Intro to Mod Asian Lit (3)(F05)	MUST 124	Music Theory 4 (3)(SU13)	THETR 122	Intro to Readers' Thetr(3)(SU12)
COMM 132^	Intro to Mass Comm (3)(SU16)	ENGL 175	Intro to Women's Lit (3)	PHILO 101	Philosophy (3)	THETR 123	Storytelling (3)(SU12)
DANCE 102	Intro to World Dance (3) (SU16)	ENGL 179	Intro Nlv Amr Lit, Myth, Oral Trdt(3)	PHILO 111	Ethics: Theory & Appl (3)	THETR 124	Adv Readers' Thir (3)(F00)
ENGL 102	Adv Comp & Intro to Lit (3)(SU07)	FREN 101	French 1(5)	PHILO 113	Philo and Art (3)(SU08)	THETR 160	Fund of Acting (3)(SU12)
ENGL 105	Creative Writing: Poetry (3)(SU15)	FREN 102	French 2 (5)	PHILO 115	Religion: Philo & Comp Inq (3)	THETR 161	Intrmdt Acting (3)(SU12)
ENGL 106	Creative Writing: Shrt Fic(3)(SU15)	GERM 101	German 1 (5)	PHILO 120	Hstry of Philo: Ancient (3)		
ENGL 111	Crtv Writing: Crtv Nonfic (3) (SU14)	GERM 102	German 2 (5)	PHILO 121	Hstry of Philo: Modern (3)		
ENGL 112	Intro to Novel & Short Story (3)	HIST 104^	Western Civ to 1650 (3)	PHILO 123	20th Cent Philo (3)(F02)		
ENGL 114	Intro to Poetry (3)	HIST 105^	Western Civ Since 1650 (3)	PHILO 130^	Political Philo (3)(SU15)		

Area D. Language & Rationality: Complete D1 and D2 as indicated for six (6) units.

D.1 English Composition: Complete three (3) units:	COMM 104	Argumentation (3)(SU14)	CSCI 272	Prob Solv & Prgmng 2 (3)(SU14)	MATH 161	Trigonometry (4)(SP17)	
ENGL 100	Intnsv Rdng,Wrtng,Rsng(5)(SU17)	COMM 106	Group & Org Comm (3)(SU14)	CSCI 273	Precalculus (4)(SP17)	MATH 162	Calculus: 1st Course (4)
ENGL 101	Comp & Reading (3)	COMM 107	Intro to Debate (3)(SU14)	ENGL 103	Calculus: 2nd Course (4)	MATH 171	Calculus: 1st Course (4)
D.2 Comm. & Analytical Thinking: Complete a minimum of three (3) units:	COMM 110	Persuasion (3)(SU14)	COMM 110	Persuasion (3)(SU14)	MATH 172	Calculus: 2nd Course (4)	
AGEC 225	Agri Comp Apps (3)(SU09)	COMM 132^	Intro to Mass Comm (3)(SU16)	COMM 132^	Calculus: 3rd Course (4)	MATH 173	Calculus: 3rd Course (4)
BUSAD 210	Bus Comm (3)	COMM 133	Mediated Comm (3)(SU15)	CSCI 200	Intro to Diff Eqtn & Lnr Alg (5)(SU12)	MATH 174	Intro to Diff Eqtn & Lnr Alg (5)(SU12)
COMM 100	Fund of Public Speaking (3)(SU14)	CSCI 201	Technical Comp Lit (3)(SU14)	CSCI 201	Symbolic Logic (3)(SU14)	PHILO 103	Symbolic Logic (3)
COMM 102	Intro to Human Comm (3)(SU14)	CSCI 203	Gen Comp Lit (3)(SU14)	CSCI 203	Symbolic Logic (3)(SU14)	PHILO 105	Critical Reas & Analytic Writing(3)
		CSCI 204	Discrete Struct for Comp Sci (3)(SU14)	CSCI 204	Discrete Struct for Comp Sci (3)(SU14)	PHILO 107	Philo of Sci (3)
		CSCI 253	Web Database Devt (3)(SU14)	CSCI 253	Web Database Devt (3)(SU14)	READ 184	Critical Reading (3)(SU17)
		CSCI 270	Intro to Programming (3)(SU18)	CSCI 270	Intro to Programming (3)(SU18)	SOCIO 105	Intro to Stats for Soc & Beh. Sci (3)(SU15)
		CSCI 271	Prob Solv & Prgmng 1(3)(SU14)	CSCI 271	Prob Solv & Prgmng 1(3)(SU14)		
				MATH 89	Intrm Alg Non STEM Mjr(4)(SU4)		
				MATH 90	Intrmdt Alg STEM Major(5)		
				MATH 101	Math Ideas & Applications (3)		
				MATH 105	Structure of Mathematics 1 (3)		
				MATH 106	Structure of Mathematics 2 (3)		
				MATH 111	Appl College Algebra (3)(F02)		
				MATH 130	Finite Mathematics (3)		
				MATH 134	Elementary Statistics (4)		
				MATH 138	Calculus for Bus/Soc Sci (3)		

Area E. Health Education: Complete a minimum of three (3) units

<ul style="list-style-type: none"> • <i>Veterans or reservists who submit proof of U.S. military Basic Training will receive three (3) units of health education. File copy of DD214 with MJC Veterans Office.</i> • <i>Allied Health Majors (ADN, VN) satisfy the Health Ed requirement by completion of major requirements.</i> 	ADJU 217 ^	Substance Abuse (3)(SU13)	HE 112^	Intro to Public Health (3)(SU15)
	BUSAD 230	Personal Finance (3)(SU13)	HE 115^	Drugs, Health, & Society (3)(SU17)
	CLDDV 103 ^	Child Growth & Devt (3)(SU08)	HE 118	Exer & Nutr for Hlthy Living (3)(F04)
	CLDDV 111	Health, Safety, Nutrition (3)(SU10)	HUMSR 118	Drugs & Human Behav (3)(SP17)
	COLSK 100	Found for 1st Yr College Succ(3)(SU11)	PSYCH 110	Human Sexualities (3)
	FAMLF 131^	Family Relationships (3)	PSYCH 118	Drugs & Human Behav (3) (SP17)
	FDNTR 219	Nutrition (3)(SP15)	PSYCH 130	Personal Adjustment (3)
	HE 110	Healthful Living (3)	PSYCH 141	Human Lifespan (3)
	HE 111	Women's Health Issues (3)		

Legend

(3) Units earned

(F97) Students completing this course prior to term (F: Fall, SP: Spring, SU: Summer) and year indicated will not be allowed to fulfill this requirement with this course.

^ Although listed in more than one area, the course may be counted toward only one MJC-GE pattern area.