



MJC•GE 2019-2020

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 2019-2020 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 ^A 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)
ANTHR 110 Biological Anthro w/Lab (4) (SU19)	CHEM 102 Gen Chemistry 2 (5)(SU09)	GEOG 111 Physical Geography, Lab (1)(SU17)	PHYS 143 Elect, Mag, Opt, Atm, & Nuclr (4)(SU11)
AP 50 Elem Human Anat-Phys (3)(F96)	CHEM 112 Org Chemistry 1(5)(SU11)	GEOL 160 Intro to Geology (3)	PHYS 160 Descrip Intro to Phys (3)
ASTRO 151 Intro to Astro Lab (1)(SU12)	CHEM 113 Org Chemistry 2 (5)(SU10)	GEOL 161 Physical Geology (4)	PHYS 165 Intro Phys (4)
ASTRO 160 Intro to Modern Astro (3)	CHEM 122 Struct & React: Org Chem 1 (4)(SU15)	GEOL 165 Geology of California (3)	PHYS 180 Cncptl Phys: Hands-on (4)(SU08)
ASTRO 160/151 Intro to Mod Astro w/Lab (3,1)(SU12)	CHEM 123 Struct & React: Org Chem 2 (4)(SU15)	GEOL 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)	PLSC 200 Intro to Plant Sci (3)
BIO 111 Gen Biology (4)	CHEM 143 Intro College Chemistry (4)	MICRO 101 Microbiology (4)	PLSC 230 Fruit Sci (3)
BIO 114 Gen Ecology (4)(SU10)	CHEM 144 Fund of Org & Biochem (4)(SU09)	MICRO 111 Plagues of Humankind (3)(SU15)	PSYCH 103 Intro to NeuroSci (3)
BIO 115 Genetics, Evolution & Society (3)(F97)	CHEM 150 Explor Our Chem Environ (3)	NR 200 Soils (3)	ZOOL 101 Gen Zoology (4)(SU10)
BIO 116 Bio: A Human Prspctv (4)(SU10)	CHEM 164 Intro Chmstry Lab (2)(SU08)	PE 124 Intro to Kinesiology (3)(SU12)	
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 ^A Family Relationships (3)(F15)	HIST 104 ^A Western Civ to 1650 (3)(SU11)
ADJU 202 Princ/Proc of Just Syst (3)(SU12)	BUSAD 240 Principles of Mgmt (3)	GEOG 102 Cultural Geography (3)(F98)	HIST 105 ^A Western Civ since 1650(3)(F02)
ADJU 203 Concepts of Criminal Law (3)(SU12)	CLDDV 103 ^A Child Growth & Devt (3)	GEOG 104 California Geography (3)(SU09)	HIST 106 ^A World Civ to the 16th Cent (3)(F02)
ADJU 217 ^A Substance Abuse (3)(SU13)	CLDDV 109 Child Fam-Comm (3)(F14)	GEOG 105 Economic Geography (3)(F00)	HIST 107 ^A World Civ from the 16th Cent(3)(F02)
ADJU 235 Intro to Corrections (3)(SU07)	CLDDV 160 Intro to Children w/ Spec Needs (3)(F03)	GEOG 106 Geography of Health (3)(S19)	HIST 115 Econ Hstry of the US (3)
AGEC 210 Elem of Ag Econ (3)	CLDDV 262 Diversity in Educ Settings (3)(SU09)	GEOG 107 Intro to Global Studies (3)(S19)	HIST 116 Women in Amer Hstry(3)(SU11)
AGGE 146 Ag, Environ & Soc (3)(F97)	COMM 103 Intercultural Comm (3)(SU14)	GEOG 110 World Regional Geography (3)(F97)	HIST 125 Hstry of Mexico (3)(SU11)
ANTHR 101 ^A Biological Anthro (3)(SU15)	COMM 130 InterCultural Comm (3)(SU14)	HE 112 ^A Intro to Public Health (3)(SU15)	HIST 129 Hstry of California (3)(SU11)
ANTHR 102 Cultural Anthro (3)	ECON 101 Principles of MacroEcon (3)	HE 114 Health & Social Justice (3)(SU16)	HIST 145 Hstry of Latin Amer (3)(SU11)
ANTHR 104 ^A Linguistic Anthro (3)(SU07)	ECON 102 Principles of MicroEcon(3)	HE 115 Drugs, Health & Society (3)(SU17)	HIST 154 Afri Amer thru 19th Cent (3)(F99)
ANTHR 130 Arch & Ctrl Prehstry(3)(SU12)	ECON 115 Econ Hist of the US (3)	HIST 101 Hstry of US to 1877(3)	HIST 155 Afri Amer in 20th/21st Cent (3)(F99)
ANTHR 140 Magic, Witchcraft & Religion (3)(F97)	ENSCI 110 California Water (3)(F98)	HIST 102 Hstry of US since 1865 (3)	HUMSR 101 Intro to Human Services (3)

*Reflects Curriculum Committee MJC-GE approvals effective Summer 2019. Rev. 5/20/2019 LBS

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

HUMSR 114	Death & Dying (3)(SU08)	POLSC 120	Calif Politics & Problems (3)	PSYCH 101	Gen Psych (3)	SOCIO 125	Sociology of the Family (3)(SU12)
HUMSR 142	Intro to Psychos Rehab (3)(SU09)	POLSC 130	Political Theory (3)(SU11)	PSYCH 102	Research Methods (3) (SU18)	SOCIO 150	Ethnic & Cultural in U.S. (3)
HUMSR 143	Psychosoc Rehab Practice (3)(SU09)	POLSC 131	Amer Political Thought (3)(SU07)	PSYCH 104	Intro to Social Psych (3)(SU08)	SOCIO 154	Afri-Amer Cultural & Communities(3)
PHILO 130 [^]	Political Philosophy (3)(SU15)	POLSC 140	Comparative Politics (3)(SU07)	PSYCH 105	Abnormal Psych (3)(SU07)	SOCIO 156	Mexican Cultural in the US (3)
POLSC 101	Amer Politics (3)	POLSC 165	Political Sci Rsch Meth (3)(SU16)	PSYCH 111	Psych of Gender (3)(SU07)	SOCSC 105 [^]	Intro Glob Women's Studi(3)(F01)
POLSC 102	Const & Rights of Pers (3)	POLSC 180	Human Rights (3)(SU14)	SOCIO 101	Intro to Sociology (3)	SOCSC 110	Intro to Elem Education (3)
POLSC 110	International Relations (3)	PSYCH 051	Psych in Everyday Life (3)	SOCIO 102	Social Problems in US (3)(F98)	SOCSC 130	Intro to LGBTQ Studies (3)(S19)

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

ANTHR 104 [^]	Linguistic Anthro (3)(SU07)	ENGL 116	Intro to Drama (3)	HIST 105 [^]	Western Civ Since 1650 (3)	PHILO 121	Hstry of Philo: Modern (3)
ART 102	Intro to Computer Graphics (3)(SU15)	ENGL 131	Intro to World Lit 1 (3)	HIST 106 [^]	World Civ to the 16th Cent (3)(SU11)	PHILO 123	20th Cent Philo (3)(F02)
ART 120	Basic Drawing 1 (3)(SU12)	ENGL 132	Intro to World Lit 2 (3)	HIST 107 [^]	World Civ frm 16th Cent (3)(SU11)	PHILO 130 [^]	Political Philo (3)(SU15)
ART 124	Color & 2D Fndtn Design (3)(SU07)	ENGL 135	Surv Amer Lit to 1850 (3)	HUMAN 101	Intro to the Humanities (3)	PHILO 135	Envrional Ethics (3)(SU09)
ART 140	Sculpture 1 (3)(SU12)	ENGL 136	Surv Amer Lit: 1850 to Prsnt (3)	HUMAN 105	Early Humanistic Trad (3)	PHILO 140	Philo & Film (3)
ART 151	Survey of Islamic Art (3)(SU18)	ENGL 137	Surv Engl Lit to Late 18th Cntry (3)	HUMAN 106	Humanities in Modern World (3)	SIGN 125	ASL: Begin Comm w/Deaf (3)
ART 160	Appreciation of Art (3)	ENGL 138	Surv Engl Lit: Late 18th Cntry-Prsnt (3)	HUMAN 110	East Meets West (3)	SIGN 126	ASL: Interm Comm w/Deaf (3)
ART 162	Hstry of Renaissance Art (3)	ENGL 151	Folklore (3)	HUMAN 130	Intro to Western Religions (3)(F03)	SIGN 127	ASL: Adv Comm w/Deaf (3)
ART 163	Hstry of Modern Art (3)	ENGL 156	Bible as Lit: Hebrew Canon &... (3)	HUMAN 140	Intro to World Mythology (3)(F06)	SOCSC 105 [^]	Intro Glob Women's Studi(3)(F01)
ART 164	Hstry of Art 1:Prehis to Gothic(3)	ENGL 157	Bible as Lit: New Testament (3)	ITAL 101	Italian 1 (5)(SU08)	SOCSC 154	Movies with a Message (3)(SU08)
ART 165	Hstry of Art 2:Ren to Cotemp(3)	ENGL 161	Film Appreciation (3)	MUSG 101	Music Appreciation (3)	SPAN 51	Intro to Practical Span 1 (3)
ART 168	Hstry of Photography (3)	ENGL 162	Hstry of Cinema (3)(F03)	MUSG 102	Intro to World Music (3)(F99)	SPAN 52	Intro to Practical Span 2 (3)
ART 169	Surv of Asian Art (3) (F99)	ENGL 163	Intro to Shakespeare (3)	MUSG 111	Intro to Amer Pop Music (3)	SPAN 101	Spanish 1 (5)
ART 170	Basic Photography (3)(SU12)	ENGL 168	Adolescent Lit (3)	MUSG 121	Hstry of Western Music 1 (3)	SPAN 102	Spanish 2 (5)
CMPGR 202	Intro to Comp Graphics (3)(SU15)	ENGL 169	Children's Lit (3)	MUSG 122	Hstry of Western Music 2 (3)	SPAN 103	Spanish 3 (4)
COMM 120	Oral Interpretation (3)(SU14)	ENGL 171	Intro African-Amer Lit (3)	MUST 101	Music Fund (3)(SU13)	SPAN 109	Span for Span Spkrs 1(5)(SU07)
COMM 123	Storytelling (3)(SU14)	ENGL 172	Intro to Chicano/a Lit (3)	MUST 121	Music Theory 1 (3)(SU11)	SPAN 110	Span for Span Spkrs 2(5)(SU07)
COMM 132 [^]	Intro to Mass Comm (3)(SU16)	ENGL 173	Intro to Latin Amer Lit (3)	MUST 122	Music Theory 2 (3)(SU11)	SPAN 112	Intro to Chicano/a Lit (3)
DANCE 102	Intro to World Dance (3) (SU16)	ENGL 174	Intro to Mod Asian Lit (3)(F05)	MUST 123	Music Theory 3 (3)(SU13)	SPAN 173	Surv of Latin Amer Lit (3)(F06)
ENGL 102	Adv Comp & Intro to Lit (3)(SU07)	ENGL 175	Intro to Women's Lit (3)	MUST 124	Music Theory 4 (3)(SU13)	THETR 100	Intro to Thtr Arts (3)
ENGL 105	Creative Writing: Poetry (3)(SU15)	ENGL 179	Intro Ntv Amr Lit, Myth, Oral Trdtn(3)	PHILO 101	Philosophy (3)	THETR 114	Script Analysis (3)(SU15)
ENGL 106	Creative Writing: Shrt Fic(3)(SU15)	FREN 101	French 1(5)	PHILO 111	Ethics: Theory & Appl (3)	THETR 123	Storytelling (3)(SU12)
ENGL 111	Crtv Writing: Crtv Nonfic (3) (SU14)	FREN 102	French 2 (5)	PHILO 115	Philo and Art (3)(SU08)	THETR 160	Fund of Acting (3)(SU12)
ENGL 112	Intro to Novel & Short Story (3)	GERM 101	German 1 (5)	PHILO 113	Religion: Philo & Comp Inq (3)	THETR 161	Intrmdt Acting (3)(SU12)
ENGL 114	Intro to Poetry (3)	HIST 104 [^]	Western Civ to 1650 (3)	PHILO 120	Hstry of Philo: Ancient (3)		

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

D.1 English Composition:

Complete three (3) units:

ENGL 100	Intnsv Rdnng,Wrting,Rsnng(5)(SU17)
ENGL 101	Comp & Reading (3)

D.2 Comm. & Analytical Thinking:

Complete a minimum of three (3) units:

AGEC 225	Agri Comp Apps (3)(SU09)
BUSAD 210	Bus Comm (3)
COMM 100	Fund of Public Speaking (3)(SU14)
COMM 102	Intro to Human Comm (3)(SU14)

COMM 104	Argumentation (3)(SU14)	CSCI 272	Prob Solv & Prgmng 2 (3)(SU14)	MATH 161	Trigonometry (4)(SP17)
COMM 106	Group & Org Comm (3)(SU14)	CSCI 273	Assembly Lang Prgmng (3)(SU14)	MATH 162	Precalculus (4)(SP17)
COMM 107	Intro to Debate (3)(SU14)	ENGL 103	Adv Comp & Crit Thinking (3)	MATH 171	Calculus: 1st Course (4)
COMM 110	Persuasion (3)(SU14)	LIBR 100	Rsrch Mthd & Media Lit(3)(SU12)	MATH 172	Calculus: 2nd Course (4)
COMM 132 [^]	Intro to Mass Comm (3)(SU16)	MATH 89	Intrm Alg Non STEM Mjr(4)(SU4)	MATH 173	Calculus: 3rd Course (4)
COMM 133	Mediated Comm (3)(SU15)	MATH 90	Intrmdt Alg STEM Major(5)	MATH 174	Intro to Diff Eqtn & Lnr Alg (5)(SU12)
CSCI 200	Technical Comp Lit (3)(SU14)	MATH 101	Math Ideas & Applications (3)	MATH 191	Linear Algebra (3) (SU19)
CSCI 201	Gen Comp Lit (3)(SU14)	MATH 105	Structure of Mathematics 1 (3)	MATH 193	Ordinary Differential Equations (3) (SU19)
CSCI 203	Symbolic Logic (3)(SU14)	MATH 106	Structure of Mathematics 2 (3)	PHILO 103	Symbolic Logic (3)
CSCI 204	Discrete Struct for Comp Sci (3)(SU14)	MATH 111	College Algebra (3)(F02)	PHILO 105	Critical Reas & Analytic Writing(3)
CSCI 253	Web Database Devt (3)(SU14)	MATH 130	Finite Mathematics (3)	PHILO 107	Philo of Sci (3)
CSCI 270	Intro to Programming (3)(SU18)	MATH 134	Elementary Statistics (3)	READ 184	Critical Reading (3)(SU17)
CSCI 271	Prob Solv & Prgmng 1(3)(SU14)	MATH 138	Calculus for Bus/Soc Sci (3)	SOCIO 105	Intro to Stats for Soc & Beh. Sci (3)(SU15)

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

- **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.**
- **Allied Health Majors (ADN, VN) satisfy the Health Ed requirement by completion of major requirements.**

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)
GEOG 106	Geography of Health (3)(S19)	PSYCH 141	Human Lifespan (3)
HE 110	Healthful Living (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.