The CSU-GE pattern is one option that allows California community college transfer students to fulfill the lower-division general education requirements of any California State University (CSU) campus. The curriculum consists of a 39-unit pattern with five areas of concentration (Area A-E). The CSU History, Constitution, and American Ideals requirement may also be completed at MJC prior to transfer. All courses must be passed with a grade of "C" or higher. CSU-GE is not the only way to fulfill the lower division GE requirements of a CSU campus prior to transfer. It is recommended that students consult with a counselor or enroll in a Guidance class to ensure their individual educational goals are being met. Request for complete or partial area CSU-GE Certification must be made in the Records Office, Morris Building, Room 105. For more information see Certification of General Education on page 64 in the 2012-2013 MJC catalog.

CSU-GE Transfer Pattern 2012-2013*

**AREA A**
English Language, Communication, and Critical Thinking

Complete one course in each category for a total of nine (9) units.

**A.1 ORAL COMMUNICATION**

SPCOM 100 - Fundamentals of Public Speaking (3)
SPCOM 102 - Introduction to Human Communication (3)
SPCOM 110 - Persuasion (3) (F93)

**A.2 WRITTEN COMMUNICATION**

ENGL 101 - Comp and Reading (3)

**A.3 CRITICAL THINKING**

CMSC 103 - Symbolic Logic (3)
ENGL 103 - Adv. Comp. & Crit. Think. (3)
PHILO 103 - Symbolic Logic (3)
PHILO 105 - Reasoning (3)
PHILO 107* - Philo of Science (3) (F93)
SPCOM 104 - Argumentation (3)
SPCOM 107 - Intro to Debate (3) (F90)

**AREA B**
Scientific Inquiry and Quantitative Reasoning

Nine (9) units required with one course from B.1, B.2, and B.4 required. One course from B.1 or B.2 must be a laboratory course (marked with an asterisk [*]) for B.3.

**B.1 PHYSICAL SCIENCE**

ASTRO 141 - Intro Astrophysics (3)
ASTRO 141-151* - Intro to Mod Astro/Lab (3-1)
ASTRO 160* - Intro to Modern Astro (3)
ASTRO 160-161* - Intro to Mod Astro/Lab (3-1)
CHEM 101* - Gen Chemistry 1 (5)
CHEM 102* - Gen Chemistry 2 (5)
CHEM 112* - Organic Chem 1 (5) (F91)
CHEM 113* - Organic Chem 2 (5) (F91)
CHEM 142* - Pre-General Chemistry (3)
CHEM 143* - Intro College Chem (5)
CHEM 144* - Fund of Organic & Biochemistry (4)
CHEM 150* - Exploring Our Chemical Environment (3)
CHEM 150-164* - Exploring Our Chemical Envrnmt/Lab(3-1)(F07)
EASI 161* - Earth Science (4)
EASI 162* - Introduction to Oceanography(4)(Su08)
EGEO 101 - Physical Geography (3)
GEOL 160 - Intro to Geology (3) (F95)
GEOL 161* - Physical Geology (4) (F90)

**B.2 LIFE SCIENCE**

ANAT 125* - Human Anatomy (5)
ANSC 200 - Intro to Animal Science (3) (S06)
ANTHR 101* - Phys Anthropology (3) (F90)
ANTHR 101*-102* - Phys Anthro/Lab(3-1)(F90)(F98)
AP 150* - Integ/Anthro/Physiology (5) (F96)
BIO 101* - Biological Principles (5)
BIO 111* - General Biology (4)
BIO 114* - General Ecology (4) (SU10)
BIO 115 - Genetics, Evol & Soc (3) (F97)
BIO 116* - Biology: A Human Perspective (4)(SU10)
BIO 140* - Intro to Marine Biology (4)
BIO 145* - Intro to Freshwater Biology (4)
BOT 101* - General Botany (4)
BOT 110* - Plant Biology (3)
ENSNC 108 - Env. Conservation (3) (F97)
MICRO 101* - Microbiology (4) (F94)
PHYSO 101* - Intro Human Physio (5)
PHYSO 103 - Introduction to Neuroscience (3)(SU08)
PLSC 200 - Intro to Plant Science (3)
PSYCH 103 - Introduction to Neuroscience (3)(F90)
ZOOL 101* - General Zoology (4)

**B.3 LABORATORY ACTIVITY**

Take one course from B.1 or B.2 with a laboratory, as indicated by the asterisk (*).

**B.4 MATHEMATICS AND QUANTITATIVE REASONING**

CMSC 219 - Discrete Structures for Computer Sci. (4)(SU10)
MATH 101 - Math Ideas and Applications (3) (F93)
MATH 105 - Structure of Mathematics 1 (4)
MATH 106 - Structure of Mathematics 2 (4) (F93)
MATH 111 - Applied College Algebra (3) (F92)
MATH 121 - Pre-Calculus 1 (5) (F98)
MATH 122 - Pre-Calculus 2 (5) (F98)
MATH 130 - Finite Mathematics (3)
MATH 134 - Elementary Statistics (5)
MATH 138 - Calculus for Bus/S.S. (3)
MATH 171 - Calculus, First Course (5)
MATH 172 - Calculus, Second Course (5)
MATH 173 - Calculus, Third Course (5) (S07)
MATH 174 - Intro. to Linear Alg. & Ord. Diff. Eq. (5)(S07)

**AREA C**
Arts and Humanities

Nine (9) units required. Three (3) units from C.1 and three (3) units from C.2. Three (3) additional units from C.1 or C.2.

**C.1 ARTS (ARTS, DANCE, MUSIC, THEATRE)**

ART 102 - Intro to Computer Graphics (3)(F95)
ART 120 - Basic Drawing 1 (3)
ART 140 - Sculpture 1 (3)
ART 160 - Appreciation of Art (3)
ART 162 - History of Renaissance Art (F92)
ART 163 - Hist of Modern Art (F94)
ART 164 - History of Art 1 (3)
ART 165 - History of Art 2 (3)
ART 168 - Survey of Photography (3)
ART 169 - History of Non-Western Art (F99)
ART 170 - Basic Photography (3) (F98)
CMGR 202 - Intro to Computer Graphics (3)(F95)
ENGL 161* - Film Appreciation (4) (F05)
FILM 154 - Movies with a Message (3)(F07)
FILM 155 - The Documentary Film (3) (SU07)
INTDS 150 - Hist. of Interiors-Dec. Arts 1 (3) (SU07)
MUSJ 101 - Music Appreciation (3)
MUSJ 102 - Intro to World Music (3)(F99)
MUSJ 111 - Intro to Amer Pop Music (3)
MUSJ 121 - History of Western Music 1 (S05)
MUSJ 122 - History of Western Music 2 (3) (F93)
MUST 121 - Music Theory 1 (3) (F91)
MUST 122 - Music Theory 2 (3) (F91)
MUST 123 - Music Theory 3 (3) (F93)
MUST 124 - Music Theory 4 (3) (F91)
PE 194 - Intro to World Dance (3) (F91)
SOSC 154 - Movies with a Message (3)(F07)
SPCOM 120 - Oral Read & Interpretation (3)
SPCOM 122 - Intro to Readers Theatre (3)
SPCOM 123 - Storytelling (3)(F07)
SPCM 124 - Advanced Readers' Theatre (3)
THTR 100 - Intro to Theatre Arts (3)
THTR 102 - World Theatre (3) (F07)
THTR 120 - Oral Read & Interpret3)
THTR 122 - Intro to Reader's Theatre (3)
THTR 123 - Storytelling (3)(F00)
THTR 124 - Advanced Readers' Theatre (3)
THTR 150* - Elements of Playwrighting (3)(F93)
THTR 160 - Fundamentals of Acting (3)
THTR 161 - Intermediate Acting (3)
THTR 165 - History of American Music Theater(3)(F92)
THTR 194 - Intro to World Dance (3) (F91)

**Legend**

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

* Denotes a lab science course.

*Updated 04/09/2012 to reflect local curriculum updates and CSU-GE approval as of April 3, 2012. RA/CSM