

CALIFORNIA STATE UNIVERSITY (CSU) GENERAL EDUCATION CERTIFICATION 2017-2018

Student's Name _____ ID # _____ Counselor/Success Guide _____ Date _____

Chaffey College may certify a maximum of 39 semester units toward meeting this requirement; 9 additional semester units must be completed at the upper division level after transfer. Each course may only be used in one area of CSUGE certification. **Courses in area A1, A2, A3 and B4 must be completed with a grade of "C" or better.**

TRANSFER: A student must complete 60 or more transferable semester units with a minimum GPA of 2.0 or higher (2.4 for non-residents), be in good standing at the last college or university attended, and have completed or made up any missing college preparatory subject requirements. All CSU GE requirements in Area A, English Language Communication and Critical Thinking (at least 9 semester units) and Area B.4, Mathematics must be completed as part of the 30 units. Certain "impacted" programs have more applicants than space available and may have additional screening requirements. Please see a counselor, the Transfer Center and/or visit assist.org for more details.

CSU CERTIFICATION: GE Certification means that Chaffey College has verified that a student has completed lower-division general education requirements for the CSU system. Certification is important, without certification students will be held to the general education requirements specific to the CSU campus to which they transfer. This typically involves additional lower division work. GE Certification is not required for transfer. Some high-unit majors, for example engineering, may recommend prioritizing major preparation classes over GE certification. See a counselor for more information.

AP/IB/CLEP: Some general education requirements may be completed by a passing score on an AP/IB or CLEP exam. Please see a counselor or the catalog for details.

LEGEND: G=Grade IP =In Progress N=Need **Bold: Prerequisites** Plain Text: No Prerequisites Underlined: Has Lab *: Complete with a C or better

AREA A: ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING

9 semester units minimum required with at least one course each from A1, A2, and A3. A "C" grade or better is required in A1, A2, and A3 *

A1. ORAL COMMUNICATION

COMSTD 2: Fundamentals of Effective Speaking (3) COMSTD 6: Fundamentals of Small Group Communication (3)
COMSTD 4: Fundamentals of Interpersonal Communication (3) **COMSTD 8: Fundamentals of Speech Communication (3)**

*A1

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A2. ENGLISH COMPOSITION

ENGL 1A: Composition (3)

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A3. CRITICAL THINKING

COMSTD 72: Logic and Argumentation (3) PHIL 75: Symbolic Knowledge (3)
ENGL 1B: Advanced Composition & Critical Thinking (3) PHIL 76: Critical Thinking (3)

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AREA B: SCIENTIFIC INQUIRY/QUANTITATIVE REASONING: 9 semester units minimum with at least one course from each area (B1/B2);

B1. PHYSICAL SCIENCE

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| ASTRON 26: Stars and Galaxy (3) | CHEM 24B: General Chemistry II (5) | GEOG 2: Introduction to Weather, Climate, and Society (3) | PHYS 6: The Ideas of Physics Lab (1) |
| ASTRON 35: Planets & the Solar System (4) | CHEM 70: Quantitative Analysis (4) | GEOG 4: Physical Geography (3) | PHYS 20A: Algebra/Trig. College Physics I (4) |
| CHEM 7: Chemistry in Everyday Life (4) | CHEM75A: Organic Chemistry I (5) | GEOG 5: Physical Geography Lab (1) | PHYS 20B: Algebra/Trig. College Physics II (4) |
| CHEM 8: Chemistry in Society (3) | CHEM75B: Organic Chemistry II (5) | GEOG 6: Environ. Geography (3)-Spring 05 | PHYS 30A: Physics – Medical & Life Sci. I (4) |
| CHEM 9: Health Science Chemistry (5) | ESC 1: Earth Science (3) | GEOL 1: Physical Geology (4) | PHYS 30B: Physics – Medical & Life Sci. II (4) |
| CHEM 10: Introductory Chemistry (4) | ESC 1L: Earth Science Lab (1) | GEOG 2: Historical Geology (4) | PHYS 44: Introduction to Motion (4)-Spring 07 |
| CHEM 12: Elem. Organic and Biochem. (4) | ESC 5: Oceanography (3) | PHSCI 10: Survey of Chem. & Physics (4) | PHYS 45: Scientists & Engineers I (5) |
| CHEM 24A: General Chemistry I (5) | ESC 5L: Oceanography Lab (1) | PHYS 5: The Ideas of Physics (3) | PHYS 46: Scientists & Engineers. II (5) |
| | | | PHYS 47: Scientists & Engineers III (5) |

B1

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B2. LIFE SCIENCE

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| ANTHRO 1: Introduction to Biological Anthropology (3) | BIOL 2: Environmental Biology (4) | BIOL 20: Human Anatomy (4) | BIOL 62: Biology of Organisms (5) |
| ANTHRO 1L: Laboratory for Biological Anthropology (1) | BIOL 3: California Natural History (4) | BIOL 22: Human Physiology (4) | BIOL 63: Evolution Ecology (4) |
| BIOL 1: General Biology (4) | BIOL 10: Concepts in Biology (3) | BIOL 23: General Microbiology (3) | GEOG 6: Environmental Geography (3) |
| | BIOL 12: Introduction to Human Genetics (3) | BIOL 23L: General Microbiology Lab. (2) | |
| | | BIOL 61: Cell and Molecular Biology (5) | |

B2

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B3. SCIENCE LAB: One course from B1 or B2 must have a laboratory (underlined)

B3 (lab)

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B4. MATHEMATICS B4 requires a grade of "C" or better *

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| MATH 3: Discrete Mathematics (3) | MATH 60: Calculus for Business (4) | MATH 81: Linear Algebra (4)-Fall 03 |
| MATH 4: Mathematics for Elementary School Teachers (4) | MATH 61: Pre-Calculus (4) | MATH 85: Differential Equations (4) |
| MATH 25: College Algebra (4) | MATH 65A: Calculus I (4) | SCSCI 10: Statistics for Social Science (4) |
| MATH 31: Plane Trigonometry (4) | MATH 65B: Calculus II (4) | STAT 10: Elementary Statistics (4) |
| | MATH 75: Calculus III (5) | |

*B4

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AREA C: ARTS AND HUMANITIES At least three courses with at least one from Arts and one from Humanities (9 semester units)

| C. 1 ARTS | | | |
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| ART 10: Fundamentals of Design in 2D (4) | ARTH 3: Western Art: Prehistoric through the Middle Ages (3) | DANCE 1: Survey of Dance (3) | MUSIC 26: World Music (3) |
| ART 12: Fundamentals of Design in 3D (4) | ARTH 5: Western Art: Renaissance through Contemporary (3) | FASHD 20: History of Fashion (3) | PHOTO 1: History of Photography (3) |
| ART 14: Introduction to Drawing (3) | ARTH 7: Africa, Oceania, & Indigenous (3) | FASHD 45: Design Fashion & Interiors (3) | PHOTO 10: Beginning Photography (4) |
| ART 15: Color Theory (3) | ARTH 9: Art of the Ancient Americas (3) | ID 11: Western Architecture & Interiors I (3) | THEATRE 1: Introduction to Theatre (3) |
| ART 16: Introduction to Painting (3) | ARTH 11: Survey of Asian Arts (3) | ID 12: Western Architecture & Interiors II (3) | THEATRE 4: History: Ancient - 1700 (3) |
| ART 18: Introduction to Ceramics (3) | CINEMA 25: Survey World Cinemas (3) | MUSIC 2A: Music History and Literature (3) | THEATRE 5: History: 1700 - Present (3) |
| ART 20: Ceramic Sculpture (4) | CINEMA 26: Survey American Cinema (3) | MUSIC 2B: Music History and Literature (3) | THEATRE 10: Beginning Acting (3) |
| ART 44: Mixed-Media Studio&Theory (3) | COMSTD 14: Oral Interpretation of Literature (3) | MUSIC 4: Music Appreciation (3) | THEATRE 12: Intermediate Acting (3) |
| ART 50: Introduction to Sculpture (4) | | MUSIC 5: Music Theory & Musicianship I (4) | |
| ARTH 1: Contemp. Art: 1945-Present (3) | | MUSIC 21: History of Jazz (3) | |
| | | MUSIC 22: Hist. of Rock Music (3)-Spring 06 | |

C1

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| C. 2 HUMANITIES | | | |
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| ASL 1: Elementary Americ. Sign Lang. (4) | ENGL 70B: World Literature (3) | HIST 7: History of the Middle East (3) | PHIL 77: History of Ancient Philosophy (3) |
| ASL 2: Elementary Americ. Sign Lang. (4) | ENGL 71: Folklore (3) | HIST 12: Asian American History (3) | PHIL 78: History of Philosophy: Modern (3) |
| ASL 3: Intermediate Americ. Sign Lang. (4) | ENGL 74: Asian-American Lit. (3) | HIST 16: Western Movement & the Indian Wars (3)-Fall 03 | PHIL 80: Religion (3) |
| ASL 4: Intermediate Americ. Sign Lang. (4) | ENGL 75A: American Literature (3) | HIST 20: U.S. History from 1945-Present (3) | PHIL 81: Eastern Philosophy (3) |
| ARABIC 1: Elementary Modern Arabic (4) | ENGL 75B: American Literature (3) | HIST 21: Sixties in American Hist. (3)-Fall 11 | PHIL 82: Judaism/Christianity/Islam (3) |
| ARABIC 2: Elementary Modern Arabic (4) | ENGL 76: African-American Lit. (3) | HIST 25: Women in US History (3) | SPAN 1: Elementary Spanish I (4) |
| ARABIC 3: Intermediate Modern Arabic (4) | ENGL 77: Latino Literature (3) | HIST 37: California History (3) | SPAN 2: Elementary Spanish II (4) |
| ARABIC 4: Intermediate Modern Arabic (4) | ENGL 79: Native American Lit. (3) | HIST 40: Retrospect. World War II (3)-Spring 06 | SPAN 3: Intermediate Spanish I (4) |
| CHIN 1: Elementary Mandarin Chinese (4) | ENGL 80A: Survey of British Lit. (3) | HUMAN 5: Arts & Ideas: Antiquity to Renaissance (3) | SPAN 3SS: Spanish Heritage Speakers I (4) |
| CHIN 2: Elementary Mandarin Chinese (4) | ENGL 80B: Survey of British Lit. (3) | HUMAN 6: Arts & Ideas: Renaissance to Modern (3) | SPAN 4: Intermediate Spanish II (4) |
| CHIN 3: Intermediate Mandarin Chinese I (4) | ENGL 81: Shakespeare (3) | HUMAN 20: The Holocaust: History & Philosophy (3) | SPAN 4SS: Spanish Heritage Speakers II (4) |
| CHIN 4: Intermediate Mandarin Chinese II (4) | FR 1: Elementary French (4) | PHIL 70: Introduction to Philosophy (3) | SPAN 8: Hispanic Literature: 1700-Present (3) |
| CHIN 18: Chinese Civilization & Culture (3) | FR 2: Elementary French (4) | PHIL 72: Seminar in Ethics (3) | SPAN 13: Survey of Mexican Literature (3) |
| ENGL 1C: Introduction to Literature (3) | HIST 1: World History: Pre-Civilization to 1500 (3) | PHIL 73: Contemp. American Philosophy (3) | SPAN 14: Latin American Literature in Translation (3) |
| ENGL 32: Introduction to the Novel (3) | HIST 2: World Hist: 1500- Present (3) | | |
| ENGL 33: Introduction to Poetry (3) | HIST 4: History of Slavery (3)-Fall 03 | | |
| ENGL 68: Mythology (3) | | | |
| ENGL 70A: World Literature (3) | | | |

C1 or C2

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AREA D: SOCIAL AND BEHAVIORAL SCIENCES At least three courses from at least two different disciplines (9 semester units)

FOR CSU: U.S. History, Constitution and American Ideals graduation requirement may be met prior to transfer; however completion is not required for CSU certification. Complete one course from G1 and G2.

(G1) HIST 17: U.S. History through 1877 **OR** HIST 18: U.S. History from 1865 (G2) PS 1: American Politics

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| ASL 18: Introduction to Deaf Studies (3) | GEOG 10: Cultural Geog. of N. America (3) | HIST 20: U.S. History 1945-Present (3) | PSYCH 1: Introduction to Psychology (3) |
| ANTHRO 2: Introduction to Archaeology (3) | GEOG 11: Human Geography (3)-Spring 06 | HIST 21: 60's in American Hist. (3)-Fall 11 | PSYCH 20: Developmental Psychology: Children & Adolescence (3) |
| ANTHRO 3: Social & Cultural Anthropology (3) | GERO 11: Introduction to Gerontology (3) | HIST 37: California History (3) | PSYCH 21: Developmental Psychology: Adulthood & Aging (3) |
| CDE 2: Child Growth and Development (3) | GERO 18: Aging and the Life Course (3) | HIST 40: Retrospective of World War II (3)-Spring 06 | PSYCH 25: Developmental Psychology: Lifespan Development (3) |
| CDE 4: Child, Family, and Community (3) | GERO 22: Dying and Death (3) | HIST 50: African-American History I (3) | PSYCH 65: Social Psychology (3) |
| CDE 6: Teaching in a Diverse Society (3) | GERO 23: Aging and Older Adulthood (3) | HIST 51: African-American History II (3) | SOC 10: Introduction to Sociology (3) |
| CJ 1: Intro. to the Criminal Justice System (3) | HIST 1: World History: Pre-Civilization to 1500 (3) | HIST 70: Chicanos: History of Mexico & the U.S. (3) | SOC 14: Sociology of Gender (3) |
| CJ 55: Crime and Delinquency (3) | HIST 2: World History: 1500 to Present | HIST 71: Chicano Minority in the U.S. (3) | SOC 15: Ethnicity & Race: U.S. & Global Perspective (3)-Spring 05 |
| CJ 58: Ethnic Group Relations (3)-Fall 11 | HIST 4: History of Slavery (3)-Fall 03 | PS 1: American Politics (3) | SOC 16: Marriage, Family & Relationships (3)-Spring 07 |
| COMSTD 12: Mass Communication/Society (3) | HIST 5: Early Western Civilizations (3) | PS 2: Introduction to Political Science (3) | SOC 18: Sociology of Aging (3) |
| COMSTD 74: Intercultural Communication (3) | HIST 6: Modern Western Civilizations (3) | PS 3: California Politics & Culture (3)-Fall 12 | SOC 25: Chicano/Latino Studies-U.S. (3) |
| COMSTD 76: Gender and Communication (3) | HIST 7: History of the Middle East (3) | PS 7: International Relations (3) | SOC 26: Latin American Societies (3) |
| COMSTD 78: Family Communication (3) | HIST 9: History of Asian Civilizations I (3) | PS 10: Comparative Politics (3) | SOC 32: Introduction to Women Studies (3) |
| ECON 1: Introduction to Economics (3) | HIST 10: Hist. of Asian Civilizations II (3) | PS 21: Urban Politics (3)-Fall 12 | SOC 70: Social Problems (3) |
| ECON 2: Principles of Macroeconomics (3) | HIST 12: Asian American History (3) | PS 25: Latino Politics (3) | SOC 80: Research Methods of Sociology (4) |
| ECON 4: Principles of Microeconomics (3) | HIST 16: Western & Indian Wars (3)-Fall 03 | PS 32: Law and Society (3)-Fall 12 | |
| ECON 8: History of Economic Ideas (3) | HIST 17: U.S. History through 1877 (3) | | |
| GEOG 1: World Regional Geography (3) | HIST 18: U.S. History from 1865 (3) | | |
| GEOG 3: Geography of California (3) | HIST 19: Ethnic Relations in US (3) | | |

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AREA E: LIFE LONG LEARNING At least one course (3 semester units)

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| BIOL 14: Health Science (3) | GUID 3: Career Exploration & Life Planning (3) | NF 22: Nutrition & the Active Person (3) | SCSCI 17: Human Sexuality (3) |
| CDE 2: Child Growth & Development (3)-Fall 05 | KINLEC 15: Diet and Fitness (3)-pending | PSYCH 5: Personal & Social Awareness (3) | SOC 16: Marriage, Family & Relationships (3) |
| GERO 22: Dying and Death (3) | NF 5: Nutrition for Life (3) | PSYCH 25: Developmental Psychology: Lifespan Development (3) | |
| | NF 15: Nutrition I: Science of Nutrition (3) | | |

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