

## CALIFORNIA STATE UNIVERSITY (CSU) GENERAL EDUCATION CERTIFICATION 2019-2020

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)**

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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

ASTRON 26: Stars and Galaxy (3) ASTRON 27: Life in Universe (3) ASTRON 35: Planets & the Solar System (4) CHEM 7: Chemistry in Everyday Life (4) CHEM 8: Chemistry in Society (3) CHEM 9: Health Science Chemistry (5) CHEM 10: Introductory Chemistry (4) CHEM 12: Elem. Organic and Biochem. (4) CHEM 24A: General Chemistry I (5)	<b>CHEM 24B: General Chemistry II (5)</b> <b>CHEM 70: Quantitative Analysis (4)</b> <b>CHEM 75A: Organic Chemistry I (5)</b> <b>CHEM 75B: Organic Chemistry II (5)</b> ESC 1: Earth Science (3) ESC 1L: Earth Science Lab (1) ESC 5: Oceanography (3) ESC 5L: Oceanography Lab (1)	GEOG 2: Intro to Weather, Climate, & Society (3) GEOG 4: Physical Geography (3) GEOG 5: Physical Geography Lab (1) GEOG 6: Environ. Geography (3)-Spring 05 GEOL 1: Physical Geology (4) GEOL 2: Historical Geology (4) PHSCI 10: Survey of Chem. & Physics (4) PHYS 5: The Ideas of Physics (3)	<b>PHYS 6: The Ideas of Physics Lab (1)</b> <b>PHYS 20A: Algebra/Trig. College Physics I (4)</b> <b>PHYS 20B: Algebra/Trig. College Physics II (4)</b> <b>PHYS 30A: Physics – Medical &amp; Life Sci. I (4)</b> <b>PHYS 30B: Physics – Medical &amp; Life Sci. II (4)</b> <b>PHYS 44: Introduction to Motion (4)-Spring 07</b> <b>PHYS 45: Scientists &amp; Engineers I (5)</b> <b>PHYS 46: Scientists &amp; Engineers. II (5)</b> <b>PHYS 47: Scientists &amp; Engineers III (5)</b>
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#### B2. LIFE SCIENCE

ANTHRO 1: Introduction to Biological Anthropology (3) ANTHRO 1L: Laboratory for Biological Anthropology (1) BIOL 1: General Biology (4)	BIOL 2: Environmental Biology (4) BIOL 3: California Natural History (4) BIOL 10: Concepts in Biology (3) BIOL 12: Introduction to Human Genetics (3)	<b>BIOL 20: Human Anatomy (4)</b> <b>BIOL 22: Human Physiology (4)</b> <b>BIOL 23: General Microbiology (3)</b> <b>BIOL 23L: General Microbiology Lab. (2)</b> <b>BIOL 61: Cell and Molecular Biology (5)</b>	<b>BIOL 62: Biology of Organisms (5)</b> <b>BIOL 63: Evolution Ecology (4)</b> GEOG 6: Environmental Geography (3)
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#### B3. SCIENCE LAB: One course from B1 or B2 must have a laboratory (underlined)

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

ACCTGFS30 Personal Finance (3)  
**MATH 3: Discrete Mathematics (3)**  
**MATH 4: Mathematics for Elementary School Teachers (4)**  
**MATH 17: Statway II (4)**  
**MATH 25: College Algebra (4)**  
**MATH 31: Plane Trigonometry (4)**

**MATH 60: Calculus for Business (4)**  
**MATH 61: Pre-Calculus (4)**  
**MATH 65A: Calculus I (4)**  
**MATH 65B: Calculus II (4)**  
**MATH 75: Calculus III (5)**  
**MATH 81: Linear Algebra (4)-Fall 03**  
**MATH 85: Differential Equations (4)**

**SCSCI 10: Statistics for Social Science (4)**  
**STAT 10: Elementary Statistics (4)**

**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**

ART 10: Fundamentals of Design in 2D (4)  
 ART 12: Fundamentals of Design in 3D (4)  
 ART 14: Introduction to Drawing (3)  
 ART 15: Color Theory (3)  
**ART 16: Introduction to Painting (3)**  
 ART 18: Introduction to Ceramics (3)  
 ART 20: Ceramic Sculpture (4)  
 ART 44: Mixed-Media Studio & Theory (3)  
**ART 50: Introduction to Sculpture (4)**  
 ARTH 1: Contemp. Art: 1945-Present (3)

ARTH 3: Western Art: Prehistoric through the Middle Ages (3)  
 ARTH 5: Western Art: Renaissance through Contemporary (3)  
 ARTH 7: Africa, Oceania, & Indigenous (3)  
 ARTH 9: Art of the Ancient Americas (3)  
 ARTH 11: Survey of Asian Arts (3)  
 CINEMA 25: Survey World Cinemas (3)  
 CINEMA 26: Survey American Cinema (3)  
 COMSTD 14: Oral Interpretation of Lit (3)

DANCE 1: Survey of Dance (3)  
 FASHD 20: History of Fashion (3)  
 FASHD 45: Design Fashion & Interiors (3)  
 ID 11: Western Architecture & Interiors I (3)  
 ID 12: Western Architecture & Interiors II (3)  
 MUSIC 2A: Music History and Literature (3)  
 MUSIC 2B: Music History and Literature (3)  
 MUSIC 4: Music Appreciation (3)  
 MUSIC 5: Music Theory & Musicianship I (4)

MUSIC 21: History of Jazz (3)  
 MUSIC 22: Hist. of Rock Music (3)-Spring 06  
 MUSIC 26: World Music (3)  
 PHOTO 1: History of Photography (3)  
 PHOTO 7: Intro to Digital Photography (3)  
 PHOTO 10: Beginning Photography (4)  
 THEATRE 1: Introduction to Theatre (3)  
 THEATRE 4: History: Ancient - 1700 (3)  
 THEATRE 5: History: 1700 - Present (3)  
 THEATRE 10: Beginning Acting (3)  
**THEATRE 12: Intermediate Acting (3)**

C1

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C1 or C2

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**C. 2 HUMANITIES**

ASL 1: Elementary Americ. Sign Lang. (4)  
**ASL 2: Elementary Americ. Sign Lang. (4)**  
**ASL 3: Intermediate Americ. Sign Lang. (4)**  
**ASL 4: Intermediate Americ. Sign Lang. (4)**  
 ARABIC 1: Elementary Modern Arabic (4)  
**ARABIC 2: Elementary Modern Arabic (4)**  
**ARABIC 3: Intermediate Modern Arabic (4)**  
**ARABIC 4: Intermediate Modern Arabic (4)**  
 CHIN 1: Elementary Mandarin Chinese (4)  
**CHIN 2: Elementary Mandarin Chinese (4)**  
**CHIN 3: Intermediate Mandarin Chinese I (4)**  
**CHIN 4: Intermediate Mandarin Chinese II (4)**  
 CHIN 18: Chinese Civilization & Culture (3)  
**ENGL 1C: Introduction to Literature (3)**  
**ENGL 7A-E: Creative Writing (3)**  
 ENGL 32: Introduction to the Novel (3)  
 ENGL 33: Introduction to Poetry (3)  
**ENGL 68: Mythology (3)**  
**ENGL 70A: World Literature (3)**

**ENGL 70B: World Literature (3)**  
**ENGL 71: Folklore (3)**  
**ENGL 74: Asian-American Lit. (3)**  
**ENGL 75A: American Literature (3)**  
**ENGL 75B: American Literature (3)**  
**ENGL 76: African-American Lit. (3)**  
 ENGL 77: Latino Literature (3)  
 ENGL 79: Native American Lit. (3)  
**ENGL 80A: Survey of British Lit. (3)**  
**ENGL 80B: Survey of British Lit. (3)**  
 ENGL 81: Shakespeare (3)  
 FR 1: Elementary French (4)  
**FR 2: Elementary French (4)**  
**HIST 1: World History: Pre-Civilization to 1500 (3)**  
**HIST 2: World Hist: 1500- Present (3)**  
 HIST 4: History of Slavery (3)-Fall 03  
**HIST 7: History of the Middle East (3)**

HIST 12: Asian American History (3)  
 HIST 16: Western Movement & the Indian Wars (3)-Fall 03  
 HIST 20: U.S. History from 1945-Present (3)  
 HIST 21: Sixties in American Hist. (3)-Fall 11  
 HIST 25: Women in US History (3)  
**HIST 37: California History (3)**  
 HIST 40: Retrospe. World War II (3)-Spring 06  
**HUMAN 5: Arts & Ideas: Antiquity to Renaissance (3)**  
**HUMAN 6: Arts & Ideas: Renaissance to Modern (3)**  
**HUMAN 20: The Holocaust: History & Philosophy (3)**  
**PHIL 70: Introduction to Philosophy (3)**  
**PHIL 71: Philosophy of Feminism (3)**  
**PHIL 72: Seminar in Ethics (3)**  
**PHIL 73: Contemp. American Philosophy (3)**  
**PHIL 77: History of Ancient Philosophy (3)**

**PHIL 78: History of Philosophy: Modern (3)**  
**PHIL 79: Phil. of Consciousness (3)**  
**PHIL 80: Religion (3)**  
**PHIL 81: Eastern Philosophy (3)**  
**PHIL 82: Judaism/Christianity/Islam (3)**  
 SPAN 1: Elementary Spanish I (4)  
**SPAN 2: Elementary Spanish II (4)**  
**SPAN 3: Intermediate Spanish I (4)**  
**SPAN 3SS: Spanish Heritage Speakers I (4)**  
**SPAN 4: Intermediate Spanish II (4)**  
**SPAN 4SS: Spanish Heritage Speakers II (4)**  
**SPAN 8: Hispanic Literature: 1700-Present (3)**  
**SPAN 9: Cultural Awareness through Conversation (3)**  
 SPAN 13: Survey of Mexican Literature (3)  
 SPAN 14: Latin American Literature in Translation (3)

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.

1.) PS 1: American Politics **and**  2.) HIST 17: U.S. History through 1877 **or**  HIST 18: U.S. History from 1865 **or**  HIST 37: California History

AJ 1: Introduction Criminal Justice (3)-Fall 03  
**ASL 18: Introduction to Deaf Studies (3)**  
 ANTHRO 2: Introduction to Archaeology (3)  
 ANTHRO 3: Social & Cultural Anthropology (3)  
 CDE 2: Child Growth and Development (3)  
 CDE 4: Child, Family, and Community (3)  
 CDE 6: Teaching in a Diverse Society (3)  
 COMSTD 12: Mass Communication/Society (3)  
 COMSTD 74: Intercultural Communication (3)  
 COMSTD 76: Gender and Communication (3)  
 COMSTD 78: Family Communication (3)  
 CRSCI 5: Crime and Delinquency (3)  
 CRSCI 8: Ethnic Group Relations (3)-Fall 11  
 ECON 1: Introduction to Economics (3)  
**ECON 2: Principles of Macroeconomics (3)**  
**ECON 4: Principles of Microeconomics (3)**  
**ECON 7: Economic History of U.S. (3)**  
 ECON 8: History of Economic Ideas (3)

GEOG 1: World Regional Geography (3)  
 GEOG 3: Geography of California (3)  
 GEOG 10: Cultural Geog. of N. America (3)  
 GEOG 11: Human Geography (3)-Spring 06  
 GERO 11: Introduction to Gerontology (3)  
 GERO 18: Aging and the Life Course (3)  
 GERO 22: Dying and Death (3)  
 GERO 23: Aging and Older Adulthood (3)  
**HIST 1: World History: Pre-Civilization to 1500 (3)**  
**HIST 2: World History: 1500 to Present (3)**  
 HIST 4: History of Slavery (3)-Fall 03  
 HIST 5: Early Western Civilizations (3)  
 HIST 6: Modern Western Civilizations (3)  
**HIST 7: History of the Middle East (3)**  
 HIST 9: History of Asian Civilizations I (3)

HIST 10: Hist. of Asian Civilizations II (3)  
 HIST 12: Asian American History (3)  
 HIST 16: Western & Indian Wars (3)-Fall 03  
**HIST 17: U.S. History through 1877 (3)**  
**HIST 18: U.S. History from 1865 (3)**  
 HIST 19: Ethnic Relations in US (3)  
 HIST 20: U.S. History 1945-Present (3)  
 HIST 21: 60's in American Hist. (3)-Fall 11  
**HIST 37: California History (3)**  
 HIST 40: Retrospective of World War II (3)-Spring 06  
 HIST 50: African-American History I (3)  
 HIST 51: African-American History II (3)  
 HIST 70: Chicanos: History of Mexico & the U.S. (3)  
 HIST 71: Chicano Minority in the U.S. (3)  
 PS 1: American Politics (3)  
 PS 2: Introduction to Political Science (3)

PS 3: California Politics & Culture (3)-Fall 12  
 PS 4: Political Theory (3)  
 PS 7: International Relations (3)  
 PS 10: Comparative Politics (3)  
 PS 21: Urban Politics (3)-Fall 12  
 PS 25: Latino Politics (3)  
 PS 32: Law and Society (3)-Fall 12  
 PSYCH 1: Introduction to Psychology (3)  
**PSYCH 20: Developmental Psychology: Children & Adolescence (3)**  
**PSYCH 21: Developmental Psychology: Adulthood & Aging (3)**  
 PSYCH 25: Developmental Psychology: Lifespan Development (3)  
**PSYCH 65: Social Psychology (3)**  
**SOC 10: Introduction to Sociology (3)**  
 SOC 14: Sociology of Gender (3)

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SOC 15: Ethnicity & Race: U.S. & Global  
Perspective (3)-Spring 05  
SOC 16: Marriage, Family &  
Relationships (3)-Spring 07

SOC 18: Sociology of Aging (3)  
SOC 25: Chicano/Latino Studies-U.S. (3)  
SOC 30: Intro to LGBTQ Studies (3)  
SOC 32: Introduction to Women's Studies (3)

SOC 33: Intro to Social Justice Studies (3) **SOC 80: Research Methods of Sociology (4)**  
SOC 26: Latin American Societies (3)  
**SOC 70: Social Problems (3)**

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

BIOL 14: Health Science (3)  
CDE 2: Child Growth & Development  
(3)-Fall 05  
GERO 22: Dying and Death (3)

GUID 3: Career Exploration & Life Planning (3)  
KINLEC 15: Diet and Fitness (3)  
KINLEC 18: Introduction to Kinesiology (3)  
KINLEC 32: Outdoor Adventures (2)  
NF 5: Nutrition for Life (3)

NF 15: Nutrition I: Science of Nutrition (3)  
NF 22: Nutrition & the Active Person (3)  
**PSYCH 5: Personal & Social Awareness (3)**  
PSYCH 25: Developmental Psychology:  
Lifespan Development (3)

SCSCI 17: Human Sexuality (3)  
SOC 16: Marriage, Family &  
Relationships (3)

**References:** [www.assist.org](http://www.assist.org) [www.csumentor.edu](http://www.csumentor.edu) [www.collegesource.org](http://www.collegesource.org)