

# CALIFORNIA GENERAL EDUCATION TRANSFER CURRICULUM (CAL- GETC), CERTIFICATE OF ACHIEVEMENT

To earn the Certificate of Achievement in Cal-GETC, students must:

- Complete a minimum of 34 semester units in Cal-GETC Areas 1-6 as specified. Each courses must be a minimum of 3 semester units or 4 quarter units.
- Complete all courses with a grade of "C" or better or "P." A "C" grade is defined as a minimum of 2.0 on a 4.0 scale. A "C-" grade valued at less than 2.0 grade points on a 4.0 scale cannot be used for Cal-GETC certification or the COA. The UC allows a maximum of 14 units to be graded "P" towards the 60 units required for transfer admission.
- Achieve a cumulative grade point average of no less than 2.0 in all college coursework applicable to the Certificate of Achievement.

## Area 1: English Communication

Complete 3 courses (each 3 units for a total of 9 units), one course each from Groups A, B, and C.

### 1A: English Composition - One Course (3 units minimum)

Course ID	Title	Units/ Hours
ENGL C1000	Academic Reading and Writing	4
ENGM V01A	College Composition for Multilingual Writers	4

### 1B: Critical Thinking - English Composition - One Course (3 units minimum)

Course ID	Title	Units/ Hours
ENGL V01B	Critical Thinking and Composition Through Literature	4
ENGL C1001	Critical Thinking and Writing	3
PHIL V05	Critical Thinking and Analytical Writing	3

### 1C: Oral Communication - One Course (3 units minimum)

Course ID	Title	Units/ Hours
COMM C1000	Introduction to Public Speaking	3

## Area 2: Mathematical Concepts and Quantitative Reasoning

Complete one course (3 units)

### 2: Mathematical Concepts and Quantitative Reasoning - One Course (3 units minimum)

Course ID	Title	Units/ Hours
CS V17	Discrete Structures	3
MATH V04	College Algebra	4
MATH V20	Precalculus Mathematics	5
MATH V21A	Calculus with Analytic Geometry I	5
MATH V21B	Calculus with Analytic Geometry II	5
MATH V21C	Multivariable Calculus	5
MATH V22	Introduction to Linear Algebra	3
MATH V23	Introduction to Differential Equations	3
MATH V43	Elementary Statistics with Applications for Health Care Professionals	4
MATH V46	Business Calculus	3
MATH V52	Discrete Structures	3
PSY V04	Introductory Statistics for the Social and Behavioral Sciences	4
STAT C1000	Introduction to Statistics	4

## Area 3: Arts and Humanities

Complete at least once course from Group A (Arts) and one course from Group B (Humanities) (6 units)

### 3A: Arts - One Course (3 units minimum)

Course ID	Title	Units/ Hours
ART V01	Art Appreciation	3
ART V02A	Introduction to the History of Western Art I	3
ART V02B	Introduction to the History of Western Art II	3
ART V02D	Art of the Ancient Mediterranean	3
ART V02E	History of Photography	3
ART V02G	Introduction to Art Historical Theory and Methodology	3
ART V04	Introduction to Renaissance and Baroque Art	3
ART V05	Introduction to American Art	3
ART V06	Introduction to Modern Art	3
ART V07	Introduction to Women in the Arts	3
ART V08	Introduction to Asian Art	3
ART V09A	Art of the Ancient Americas	3
ART V09B	Introduction to Modern and Contemporary Latin American Art	3
ART V09C	Art and Architecture of Mexico: Prehistory to Present	3
DANC V01	Dance Appreciation	3
DANC V02	Western Concert Dance History	3
ENGL V29A	Aesthetics of Film I	3
ENGL V29B	Aesthetics of Film II	3
FILM V01	Introduction to Media Aesthetics and Cinematic Arts	3
FILM V11	History of International Cinema: World War II to the Present	3
FILM V29A	History of Motion Pictures I	3

FILM V29B	History of Motion Pictures II	3
MUS V03	Introduction to World Music	3
MUS V06	History of Rock and Roll	3
MUS V07	History of Jazz	3
MUS V08	Music Appreciation	3
MUS V09A	Western Music History and Literature I: Antiquity to 1750	3
MUS V09B	Western Music History and Literature II: 1750 to the Present	3
PHOT V07	History of Photography	3
THA V01	Introduction to Theatre	3
THA V17A	Musical Theatre History: Ancient Greece to the Golden Age of Musicals	3
THA V17B	Musical Theatre History: 1960s to Present Day	3
THA V20	Costume Design and History	3
THA V28	Introduction to Cinema	3
THA V29A	History of Motion Pictures I	3
THA V29B	History of Motion Pictures II	3

### 3B: Humanities - One Course (3 units minimum)

Course ID	Title	Units/ Hours
ANTH V04	Native Peoples of North America	3
CHST V01	Introduction to Chicano Studies	3
CHST V03	Chicana Contemporary Issues	3
ENGL V01B	Critical Thinking and Composition Through Literature	4
ENGL V15	Introduction to Poetry	3
ENGL V16	Introduction to Fiction	3
ENGL V18	Children's Literature and Film	3
ENGL V21A	British Literature before 1800	3
ENGL V21B	British Literature since 1800	3
ENGL V22A	American Literature: Colonial Period to 1865	3
ENGL V22B	American Literature: 1865 to Present	3
ENGL V23	Introduction to Dramatic Literature	3
ENGL V26	Introduction to Shakespeare and Film	3
ENGL V27	Introduction to Comic Books and Graphic Novels	3
ENGL V30	World Literature: Antiquity to 1650	3
ENGL V31	World Literature: 1650 to Present	3
ENGL V33	Introduction to African American Literature	3
ENGL V34	Introduction to Chicana/o Literature	3
ENGL V35	Introduction to Ethnic American Literatures	3
ENGL V36	Women in Literature	3
FILM V10	Contemporary American Cinema	3
FREN V02	Elementary French II	5
GERM V02	Elementary German II	5
HIST V45	United States History: Focus on Native Americans to Reconstruction	3
HIST V50	United States History: Focus on Asian Americans	3

HIST V51	United States History: Focus on African Americans Since Reconstruction	3
HIST V55	United States History: Focus on Native Americans Since the Civil War	3
HIST V70	Introduction to Western Civilization to the Scientific Revolution	3
HIST V76	World History to 1550	3
HIST V79	Introduction to the History of East Asia	3
HIST V82	Introduction to Western Civilization since the Scientific Revolution	3
HIST V86	World History Since 1500	3
ITAL V02	Elementary Italian II	5
JAPN V02	Elementary Japanese II	5
PHIL V01	Introduction to Philosophy	3
PHIL V02	Introduction to Ethics	3
PHIL V09	Zen Buddhism	3
PHIL V10	World Mythology	3
PHIL V12	Introduction to Religion	3
PHIL V14	Confucianism and Taoism	3
PHIL V15	Teachings of Jesus in Comparative Perspective	3
SPAN V03	Intermediate Spanish I	5
SPAN V03S	Spanish Heritage Language I	5
SPAN V04	Intermediate Spanish II	5
SPAN V04S	Spanish Heritage Language II	5

## Area 4: Social and Behavioral Sciences

Complete two courses from two disciplines (6 units)

### 4: Social and Behavioral Sciences - Two Courses from Two Disciplines (6 units minimum)

Course ID	Title	Units/ Hours
AG V01	Agriculture and Society: Agriculture as the Foundation for Modern Civilization	3
AG V12	Agriculture Economics	3
ANTH V02	Cultural Anthropology	3
ANTH V03	Introduction to Archaeology	3
ANTH V04	Native Peoples of North America	3
ANTH V05	Linguistic Anthropology: Culture and Communication	3
ANTH V06	Sex, Gender, and Culture	3
ANTH V07	The Anthropology of Magic, Witchcraft, and Religion	3
ANTH V08	Global Forces in Culture Change	3
ANTH V09	World Prehistory	3
CD V02	Child Growth and Development	3
CD V03	Human Development	3
CD V05	Teaching in a Diverse Society	3
CD V27	Infant and Toddler Development	3
CD V61	Child, Family, and Community	3
CHST V01	Introduction to Chicano Studies	3
CHST V02	Chicana/o/x and Latina/o/x Studies Issues	3
CHST V03	Chicana Contemporary Issues	3

CHST V24	Sociology of the Chicano Community	3	POLS V02	Comparative Government	3
CJ V01	Introduction to Criminal Justice	3	POLS V03	Introduction to Political Science	3
CJ V02	Concepts of Criminal Law	3	POLS V04	Introduction to Political Theory	3
CJ V28	Fundamentals of Criminology	3	POLS V05	Introduction to International Relations	3
COMM V02	Introduction to Communication Studies	3	POLS V09	United States-Mexico Relations	3
COMM V12	Intercultural Communication	3	POLS V11	Government and Politics of Mexico	3
COMM V15	Interpersonal Communication	3	POLS V12	Introduction to Environmental Policy and Natural Resource Management	3
COMM V16	Introduction to Mass Communications	3	POLS V14	Global Studies	3
ECON V01A	Principles of Macroeconomics	3	POLS V17	Introduction to American Law	3
ECON V01B	Principles of Microeconomics	3	POLS V18	Introduction to Global Issues	3
ESRM V03	Introduction to Environmental Policy and Natural Resource Management	3	PSY V02	Personal Growth and Social Awareness	3
ETHS V04	Introduction to American Indian Studies	3	PSY V05	Introduction to Developmental Psychology	3
GEOG V02	Introduction to Human Geography	3	PSY V07	Introduction to Research Methods in Social and Behavioral Sciences	3
GEOG V06	Geography of California	3	PSY V15	Introduction to Abnormal Psychology	3
GEOG V08	World Regional Geography	3	PSY V25	Psychology of Human Sexuality	3
HED V20	Introduction to Public Health	3	PSY V29	Introduction to Personality Psychology	3
HED V22	Health and Social Justice	3	PSY V30	Multicultural Psychology	3
HIST V16	United States History: Focus on Foreign Relations	3	PSY V31	Introduction to Social Psychology	3
HIST V32	United States History: Focus on Women to 1877	3	PSY V32	Psychology of Women	3
HIST V43	United States History: Focus on African Americans to Reconstruction	3	PSYC C1000	Introduction to Psychology	3
HIST V44	History of the Americas to 1821	3	SOC V01	Introduction to Sociology	3
HIST V45	United States History: Focus on Native Americans to Reconstruction	3	SOC V02	Social Problems	3
HIST V46	United States History to 1877	3	SOC V03	Racial and Ethnic Group Relations	3
HIST V47	United States History: Focus on Chicanos to 1850	3	SOC V04	Sociology of Gender Roles	3
HIST V50	United States History: Focus on Asian Americans	3	SOC V05	Sociology of Relationships: Intimacy, Commitment, and Family Patterns	3
HIST V51	United States History: Focus on African Americans Since Reconstruction	3	SOC V07	Sociological Analysis	3
HIST V53	United States History: Focus on Women since 1877	3	SOC V13	Sociology of Deviance, Crime, and Society	3
HIST V54	History of the Americas since 1763	3	SOC V24	Sociology of the Chicano Community	3
HIST V55	United States History: Focus on Native Americans Since the Civil War	3	SOC V31	Introduction to Social Psychology	3
HIST V56	United States History since 1865	3	<b>Area 5: Physical and Biological Sciences</b>		
HIST V58	United States History: Focus on Chicanos since 1848	3			
HIST V59	History of California	3	Complete two courses with one course from Group A (Physical Science) and one course from Group B (Biological Science); at least one of the two courses must include a laboratory (Group C) (7-9 units). Each course in Group A and Group B must be at least 3 units.		
HIST V70	Introduction to Western Civilization to the Scientific Revolution	3			
HIST V76	World History to 1550	3	<b>5A: Physical Science - One Course (3 units minimum)</b>		
HIST V78	History of Modern Middle East	3	<b>Course ID</b>	<b>Title</b>	<b>Units/Hours</b>
HIST V79	Introduction to the History of East Asia	3	AG V04	Introduction to Soil Science	3
HIST V82	Introduction to Western Civilization since the Scientific Revolution	3	AST V01	Elementary Astronomy	3
HIST V86	World History Since 1500	3	CHEM V101	Elementary Chemistry	5
KIN V87	Sport in Society	3	CHEM V102	Introduction to Organic and Biochemistry	5
PHIL V10	World Mythology	3	CHEM V104	Foundations of General, Organic, and Biochemistry	5
POLS C1000	American Government and Politics	3	CHEM V120A	General Chemistry I	5
			CHEM V120B	General Chemistry II	5
			CHEM V160A	General Organic Chemistry I	5
			CHEM V160B	General Organic Chemistry II	5
			ESRM V02	Introduction to Environmental Science	3
			GEOG V01	Elements of Physical Geography	3

GEOG V05	Introduction to Weather and Climate	3	ANPH V01	Introduction to Human Anatomy and Physiology	5
GEOL V02	Physical Geology	3	ANTH V01L	Biological Anthropology Laboratory	1
GEOL V03	Historical Geology	3	AST V01L	Elementary Astronomy Laboratory	1
GEOL V07	Geology of National Parks	3	BIOL V01L	Principles of Biology Laboratory	1
GEOL V09	Earth Science with Laboratory	4	BIOL V03	Evolution, Ecology, and Organismal Biology	4
GEOL V11	Introduction to Oceanography	3	BIOL V04	Cell and Molecular Biology	4
GEOL V21	Natural Disasters	3	BIOL V14	Field Biology: A Natural History of California	4
PHSC V01	Concepts in Physical Science	4	BIOL V29L	Marine Biology Laboratory	1
PHYS V01	Elementary Physics	5	CHEM V101	Elementary Chemistry	5
PHYS V02A	General Physics I: Algebra/Trigonometry-Based	4	CHEM V102	Introduction to Organic and Biochemistry	5
PHYS V02B	General Physics II: Algebra/Trigonometry-Based	4	CHEM V104	Foundations of General, Organic, and Biochemistry	5
PHYS V03A	General Physics I: Calculus-Based	4	CHEM V120A	General Chemistry I	5
PHYS V03B	General Physics II: Calculus-Based	4	CHEM V120B	General Chemistry II	5
PHYS V04	Mechanics for Scientists and Engineers	4	CHEM V160A	General Organic Chemistry I	5
PHYS V05	Electricity and Magnetism for Scientists and Engineers	4	CHEM V160B	General Organic Chemistry II	5
PHYS V06	Optics, Heat, and Modern Physics: For Scientists and Engineers	4	GEOG V01L	Elements of Physical Geography Laboratory	1

## 5B: Biological Science - One Course (3 units minimum)

Course ID	Title	Units/Hours			
AG V06	Introduction to Plant Science (with Laboratory)	3	GEOL V02L	Physical Geology Laboratory	1
AG V66	Anatomy and Physiology of Animals	4	GEOL V03L	Historical Geology Laboratory	1
ANPH V01	Introduction to Human Anatomy and Physiology	5	GEOL V09	Earth Science with Laboratory	4
ANTH V01	Biological Anthropology	3	MICR V01	General Microbiology	4
BIOL V01	Principles of Biology	3	PHSC V01	Concepts in Physical Science	4
BIOL V03	Evolution, Ecology, and Organismal Biology	4	PHSO V01	Human Physiology	4
BIOL V04	Cell and Molecular Biology	4	PHYS V01	Elementary Physics	5
BIOL V10	Introduction to Environmental Issues	3	PHYS V02AL	General Physics I Laboratory: Algebra/Trigonometry-Based	1
BIOL V12	Human Biology	3	PHYS V02BL	General Physics II Laboratory: Algebra/Trigonometry-Based	1
BIOL V14	Field Biology: A Natural History of California	4	PHYS V03AL	General Physics I Laboratory: Calculus-Based	1
BIOL V18	Human Heredity	3	PHYS V03BL	General Physics II Laboratory: Calculus-Based	1
BIOL V29	Marine Biology	3	PHYS V04L	Mechanics Laboratory for Scientists and Engineers	1
ESRM V01	Introduction to Environmental Issues	3	PHYS V05L	Electricity and Magnetism Laboratory for Scientists and Engineers	1
ESRM V10	Environmental Ecology	3	PHYS V06L	Optics, Heat, and Modern Physics Laboratory for Scientists and Engineers	1
ESRM V14	Conservation of Natural Resources	3			
MICR V01	General Microbiology	4			
PHSO V01	Human Physiology	4			
PSY V03	Introduction to Biological Psychology	3			

## 5C: Laboratory Science - One Course (1 unit minimum)

Course ID	Title	Units/Hours
AG V04	Introduction to Soil Science	3
AG V06	Introduction to Plant Science (with Laboratory)	3
AG V66	Anatomy and Physiology of Animals	4

## Area 6: Ethnic Studies

Complete one course (3 units)

### Ethnic Studies - One Course (3 units minimum)

Course ID	Title	Units/Hours
CHST V01	Introduction to Chicano Studies	3
CHST V02	Chicana/o/x and Latina/o/x Studies Issues	3
CHST V03	Chicana Contemporary Issues	3
ETHS V01	Introduction to Ethnic Studies	3
ETHS V02	History of Racism in the United States	3
ETHS V14	Introduction to Black Studies	3

Upon successful completion of this program, students will be able to:

- 1A. demonstrate varied and flexible strategies for generating, drafting, and revising academic writing in multiple genres for multiple communities/audiences.
- 1A. identify and implement explicit writing and reading strategies useful for navigating audience, purpose, context, genre, language conventions, and varied sources-as-evidence at the college level
- 1B. analyze, criticize, and generate complex ideas
- 1B. reason inductively and deductively
- 1B. identify the assumptions upon which particular conclusions depend
- 1B. reflect critically on one's own thought processes
- 1B. respond appropriately to texts, with attention to their intended audience, purpose, and social context
- 1B. distinguish knowledge from belief and fact from judgment
- 1B. recognize common logical errors or fallacies of language and thought
- 1B. evaluate sources with respect to their relevance, reliability, and appropriateness to the rhetorical context
- 1B. analyze and construct arguments, especially in research and written work that attends appropriately to audience, purpose, context, genre, and language conventions.
- 1C. recognize the theoretical foundations of creating and sharing knowledge, including the canons of rhetoric and the Aristotelian proofs of ethos, pathos, and logos
- 1C. find, critically examine, and use supporting materials from primary and secondary sources for credibility, accuracy, and relevance in their speeches and presentations
- 1C. conceptualize and effectively use compelling arguments in support of a guiding thesis and organizational pattern appropriate for the audience, occasion, and across a variety of contexts
- 1C. adhere to ethical communication practices which include truthfulness, accuracy, honesty, and reason as essential to the integrity of communication
- 1C. demonstrate rhetorical sensitivity to diversity, equity, inclusion, belonging, and accessibility
- 1C. deliver a variety of well-prepared faculty-supervised, faculty-evaluated speeches delivered to a live audience (one to many) using effective delivery techniques
- 1C. employ effective verbal and nonverbal practices while delivering a speech and managing communication apprehension
- 1C. listen critically to provide constructive criticism to peers
- 1C. apply rhetorical principles to analyze historical and contemporary public discourse
- 2. participate in quantitative reasoning and have the capacity to critique quantitative arguments
- 3A or 3B. demonstrate understanding of major civilizations and cultures, both Western and non-Western, through the study of philosophy, language, literature, religion, and the fine arts.
- 3A. analyze and appreciate works aesthetic and cultural importance in the fine arts.
- 3A or 3B. recognize the contributions to knowledge, civilization, and society that have been made by men and women as well as members of various ethnic or cultural groups
- 3B. analyze and appreciate works of philosophical, historical, literary, and cultural importance.
- 4. explain the perspectives and research methods of the social and behavioral sciences.
- 4. recognize and appreciate the contributions and perspectives of men, women and of ethnic and other minorities and a comparative perspective on both Western and non-Western societies
- 4. Analyze problems and issues in the social and behavioral sciences in their contemporary, historical, and geographic settings.
- 5. demonstrate understanding of basic scientific concepts of the physical and biological aspects of the world as well as an understanding of science as a human endeavor including its limitations and power.
- 5. use experimental methodology, the testing of hypotheses, investigation, and the process of systematic questioning and assessment, rather than the recall of facts, data, and events.
- 6. Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethno-centrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and antiracism as analyzed in any one or more of the following: Native American Studies, African American Studies, Asian American Studies, and Latina and Latino American Studies
- 6. Apply theory and knowledge produced by Native American, African American, Asian American, and/or Latina and Latino American communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group affirmation.
- 6. Critically analyze the intersection of race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and/or age in Native American, African American, Asian American, and/or Latina and Latino American communities.
- 6. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation, as experienced and enacted by Native Americans, African Americans, Asian Americans and/or Latina and Latino Americans are relevant to current and structural issues such as communal, national, international, and transnational politics as, for example, in immigration, reparations, settler-colonialism, multiculturalism, language policies.
- 6. Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements in Native American, African American, Asian American and/or Latina and Latino communities and a just and equitable society.