CSU General Education Requirements, C-ID,
and Available Open Educational Resources
(OER)

This document is intended to serve as a resource for California community college (CCC) faculty and colleges that are seeking to develop entire degree pathways that use no-cost OER in lieu of commercial texts. It is not meant to be exhaustive. Courses are specified by C-ID designation, where available. Commonly taught courses not included in C-ID can be added and specified by title only. It should be noted that the general education applicability of courses varies across colleges. Unless indicated, all resources have been - or are - being used at one or more CCCs.

AREA	AVAILABLE OER
AREA A. ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING—9 semester units (12-15 qtr. units). At least one course each from A1, A2, A3.	
A1—Oral Communication	
COMM 110 - Public Speaking	https://open.umn.edu/opentextbooks/textbooks/stand-up-speak-out-the-practice-and-ethics-of-public-speaking http://www.publicspeakingproject.org/psvirtualtext.html
COMM 120 - Argumentation and Debate	https://www.csus.edu/indiv/d/dowdenb/4/Logical-Reasoning.pdf
COMM 130 - Interpersonal Communication	tinyurl.com/CoC-Interpers
ENGL 100 - College Composition	Rhetoric and Composition http://library.baycollege.edu/ld.php?content_id=23584170 Writing for Success https://resources.saylor.org/wwwresources/archived/site/textbooks/Writing%20for%20Success.pdf Contribute a Verse: An Introduction to First Year Composition https://ung.edu/university-press/books/introduction-to-first-year-composition.php Fresh English: A Guide to First-Year College Composition, Grammar, and Rhetoric https://drive.google.com/file/d/0B7TcWbmotXX_RmFCZThmMnVtM2s/view
A3—Critical Thinking	
COMM 120 – Argumentation	https://www.csus.edu/indiv/d/dowdenb/4/Logical-Reasoning.pdf
COMM 140 - Small Group Communication	https://2012books.lardbucket.org/pdfs/an-introduction-to-group-communication.pdf
ENGL 105 - Argumentative Writing and Critical Thinking	
PHIL 110 - Intro to Logic	Introduction to Logic and Critical Thinking https://open.umn.edu/opentextbooks/textbooks/457 iLogic http://www.butte.edu/resources/interim/wmwu/iLogic/iLogic.html A Modern Formal Logic Primer https://tellerprimer.ucdavis.edu/
PHIL 210 - Symbolic Logic	
Missing courses that have a C-ID and are COMMONLY in this area can be added	

AREA B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING—9 semester units (12-15 qtr. units).
At least one course each from Areas B1, B2, B4. At least one of the courses in B1 or B2 must contain a laboratory component. Underlined course numbers have a laboratory component embedded in them, and fulfill the Area B3 requirement. If neither course chosen from Areas B1 and B2 has a lab component embedded in it, then a separate laboratory course must be chosen from Area B3 in the same discipline as one of the courses taken in B1 or B2.

AREA	AVAILABLE OER
B1—Physical Sciences	
CHEM 110 - <u>General Chemistry for Science Majors I, with Lab</u> **(OER may lack lab resources)**	Concept Development Studies in Chemistry https://open.bccampus.ca/browse-our-collection/find-open-textbooks/?uuid=3b8c001f-446a-4247-b991-072bd407e587&contributor&keyword&subject=Chemistry Chemistry https://openstax.org/details/books/chemistry-2e
CHEM 150 - <u>Organic Chemistry for Science Majors I, with Lab</u> **(OER may lack lab resources)**	
GEOG 110 - Intro to Physical Geography	http://www.earthonlinemedia.com/ebooks/tpe_3e/title_page.html
GEOL 100 - Physical Geology	http://opengeology.org/textbook/
GEOL 110 - Historical Geology	
GEOL 120 - Earth Science	https://open.umn.edu/opentextbooks/textbooks/269
PHYS 105 - Algebra/Trigonometry- <u>Based Physics A</u> **(OER may lack lab resources)**	https://openstax.org/details/books/college-physics
PHYS 205 - Calculus- <u>Based Physics for Scientists and Engineers: A</u>	https://openstax.org/details/university-physics-volume-1
Non-majors courses that don't have a C-ID and are commonly taught are needed here. Please list by title only. Note convention for underlining (see above).	
B2—Life Science	
ANTH 110 - Intro to Biological Anthropology	Explorations: An Open Invitation to Biological Anthropology http://explorations.americananthro.org/index.php/chapters/
BIOL 115 B - Human Anatomy and Physiology with Lab	Anatomy and Physiology https://openstax.org/details/anatomy-and-physiology UGA Anatomy and Physiology 1 Lab Manual https://oer.galileo.usg.edu/biology-textbooks/13/
<u>BIOL 120 B - Human Physiology with Lab</u>	
<u>BIOL 190 - Cell and Molecular Biology</u>	
PSY 150 - Intro to Biological Psychology	
Intro to Biology	https://openstax.org/details/books/concepts-biology
Human Biology	https://www.ck12.org/book/CK-12-Human-Biology/
Microbiology	https://openstax.org/details/books/microbiology
B3—Laboratory Activity	**<u>Underlined</u> courses in Areas B1, B2 include a laboratory, and fulfill the B3 requirement.**
ANTH 115L - Biological Anthropology Lab	
GEOG 111 - Physical Geography, Laboratory	
GEOL 100 L - Physical Geology Laboratory	
GEOL 110 L - Historical Geology Laboratory	
B4—Mathematics/Quantitative Reasoning	
MATH 110 - Intro to Statistics	https://www.openintro.org/stat/os4.php https://openstax.org/details/introductory-statistics

MATH 131 - Business Calculus	http://www.opentextbookstore.com/buscalc/BusCalc.pdf
MATH 155 - Precalculus	
MATH 851 - Trigonometry	
SOCI 125 - Intro to Statistics in Sociology	

AREA C. ARTS AND HUMANITIES—9 semester units (12-15 qtr. units)**.**
Choose three courses total, at least one course from C1 and one course from C2. Selections must be from at least from two different academic areas.

AREA	AVAILABLE OER
C1—Arts	
ARTH 100 - Understanding Art	A World Perspective of Art History - Coming soon. Development funded by ASCCC OERI 2019. https://open.umn.edu/opentextbooks/BookDetail.aspx?bookId=374
ARTH 110 - Survey of Western Art from Prehistory through the Middle Ages	https://smarthistory.org/author/dr-steven-zucker/ https://oer.galileo.usg.edu/arts-textbooks/3/
ARTH 120 - Survey of Western Art from Renaissance to Contemporary	https://en.wikibooks.org/wiki/Art_History
ARTH 130 - Survey of Asian Art	
ARTH 140 - Art of Africa, Oceania, and Indigenous North Americas	
ARTH 145 - Art of the Ancient Americas	
ARTH 150 - Survey of Modern Art	
ARTS 101 - 3-D Foundations	
ARTS 110 - Fundamentals of Drawing	
MUS 100 - Music Appreciation	Understanding Music: Past and Present https://oer.galileo.usg.edu/arts-textbooks/1/
MUS 110 - Music Fundamentals	
THTR 112 - Theatre Appreciation	
THTR 113 - Theatre History 1	
THTR 151 - Acting I	
C2—Humanities	
ANTH 130 - Intro to Linguistic Anthropology	
COMM 170 - Oral Interpretation of Literature	
ENGL 120 - Intro to Literature	
ENGL 130 - Survey of American Literature 1	
ENGL 135 - Survey of American Literature 2	

Course	Available OER
ENGL 140 - Survey of World Literature 1	
ENGL 145 - Survey of World Literature 2	
ENGL 180 - Children's Literature	
HIST 130 - US History to 1877	History in the Making: A History of the People of the United States of America to 1877 https://hcommons.org/docs/history-in-the-making-a-history-of-the-people-of-the-united-states-of-america-to-1877 Open Stax – US History https://openstax.org/details/books/us-history http://www.americanyawp.com/
HIST 140 - US History from 1865	Open Stax – US History https://openstax.org/details/books/us-history http://www.americanyawp.com/
HIST 150 - World History to 1500	https://oer.galileo.usg.edu/history-textbooks/2/
HIST 160 - World History since 1500	
HIST 170 - Western Civ I	https://oer.galileo.usg.edu/history-textbooks/3/
PHIL 100 - Intro to Philosophy	
PHIL 110 - Intro to Logic	
PHIL 120 - Intro to Ethics	
PHIL 130 - History of Ancient Philosophy	
PHIL 140 - History of Modern Philosophy	
SPAN 100 - Elementary Spanish I	

AREA D. SOCIAL SCIENCES—9 semester units (12-15 qtr. units). Choose courses from at least two academic disciplines.	
COURSE	**AVAILABLE OER**
ANTH 110 - Intro to Biological Anthropology	
ANTH 120 - Intro to Cultural Anthropology	tinyurl.com/OER-ANTH-120
ANTH 130 - Intro to Linguistic Anthropology	
ANTH 150 – Intro to Archaeology	
CDEV 100 – Child Growth and Development	https://socialsci.libretexts.org/Bookshelves/Early_Childhood_Education
CDEV 110 - Child, Family & Community	
ECON 201 - Principles of Microeconomics	https://openstax.org/subjects/social-sciences
ECON 202 - Principles of Macroeconomics	
GEOG 120 - Intro to Human Geography	
GEOG 125 - World Regional Geography	
HIST 130 - US History to 1877	**See above – course is also listed under Area C.**
HIST 140 - US History from 1865	""
HIST 150 - World History to 1500	""
HIST 160 - World History since 1500	
POLS 110 - Intro to American Government and Politics	**https://openstax.org/details/books/american-government**
POLS 120 - Intro to Political Theory and Thought	
POLS 130 - Intro to Comparative Government and Politics	
POLS 140 - Intro to International Relations	

PSY 110 – Intro Psych	**https://openstax.org/details/books/psychology** **https://nobaproject.com/textbooks/discover-psychology-v2-a-brief-introductory-text** **https://open.umn.edu/opentextbooks/textbooks/48**
PSY 120 - Intro to Abnormal Psychology	
PSY 150 - Intro to Biological Psychology	
PSY 180 - Intro to Lifespan Psychology	
PSY 200 – Research Methods in Psychology	https://kpu.pressbooks.pub/psychmethods4e/ https://open.lib.umn.edu/psychologyresearchmethods/
SOCI 110 - Intro to Sociology	https://openstax.org/details/books/introduction-sociology-2e http://freesociologybooks.com/Introduction_To_Sociology/01_History_and_Introduction.php
SOCI 115 - Social Problems	**https://open.umn.edu/opentextbooks/textbooks/141**
SOCI 130 - Intro to Marriage and Family	
SOCI 140 - Intro to Gender	
SOCI 150 - Intro to Race and Ethnicity	
SOCI 160 - Intro to Crime	

AREA E. LIFELONG LEARNING AND SELF-DEVELOPMENT—3 semester units (4-5 qtr. units).	
COURSE	**AVAILABLE OER**
CDEV 100 – Child Growth and Development	https://socialsci.libretexts.org/Bookshelves/Early_Childhood_Education
CDEV 110 - Child, Family & Community	
NUTR 110 - Intro to Nutrition Science	
PSY 120 - Intro to Abnormal Psychology	https://courses.lumenlearning.com/suny-hccc-abnormalpsych/ (use not verified) https://opentext.wsu.edu/abnormalpsychology/ (use not verified)
PSY 180 - Intro to Lifespan Psychology	https://www.oercommons.org/courses/lifespan-development-2/view http://dept.clcillinois.edu/psy/LifespanDevelopment.pdf (use not verified)