



CALIFORNIA STATE UNIVERSITY, LONG BEACH

UNIVERSITY ARTICULATION OFFICE

Articulation Officers
California Community Colleges and
Participating Private Colleges
California State University Campuses
University of California Campuses

Dear Articulation Officers,

California State University, Long Beach provides all public institutions of higher education with information concerning forthcoming, relevant changes to our lower-division curriculum. **The changes to courses and programs noted in the attachments will be effective with Fall 2016 semester.** Articulation agreements will not need any review unless specifically stated. The attachments are divided by colleges, i.e., COTA College of the Arts, COE College of Engineering, CHHS College of Health and Human Services, CLA College of Liberal Arts, and CNSM College of Natural Sciences and Mathematics.

To reiterate our fundamental articulation policy: CSU, Long Beach wishes to articulate as many lower division courses with California institutions as possible. We do not generally articulate between upper-division and lower-division courses. We require a standard course outline for review in all requests for articulation.

New Courses – Fall 2016: If you have any lower division courses in lieu of or comparable to our courses that are listed below (articulation wanted), please submit your current course outlines for review.

- UNIV 150. Research Career Exploration Sciences (3)
Prerequisites/Co-requisites: Composition II (AFRS 100, ASAM 100, CHLS 100, or ENGL 100)
The course is designed for entering or undeclared students to evaluate the diversity of career opportunities available to those having doctorate degree in the sciences. Students will develop knowledge and skills that are designed to cultivate curiosity and an identity as a scientist.
- BME 100. Introduction to Biomedical Engineering (1)
Introduction to major topics and concepts in Biomedical Engineering. Current and future trends and challenges in various subfields of Biomedical Engineering. Social, ethical and economical issues related to biomedical technology. Exploration of career and professional development opportunities. (Lecture 1 hour)
- BME 201. Programming for Biomedical Engineers (3)
Prerequisite: Math 122
Introduction to the constructs in the MATLAB programming language. Array and matrix operations, functions and function handles, control flow, plotting and image manipulation, cell arrays and structures, and various related toolboxes. Programming projects/examples will emphasize Biomedical Engineering applications. (Lecture 2 hours, Laboratory 3 hours)
- CE 200L. Materials for Civil Engineering Laboratory (1)
Prerequisites: CHEM 111A and PHYS 151 all with a grade of "C" or better and consent of department undergraduate advisor.
Co-requisite: CE 200.
Laboratory testing of basic properties of materials in civil engineering, including concrete, masonry, steel, wood, asphalt and composites. (Laboratory 3 hours)

- CE 206L. Computer Programming and Civil Engineering Applications Laboratory (1)
Prerequisites: MATH 122, PHYS 151 all with a grade of "C" or better.
Corequisite: CE 206
Hands-on application of computers and programming to elementary civil engineering problems.
(Laboratory 3 hours)
- CECS 225. Digital Logic and Assembly Programming (3)
Prerequisite: CECS 174 or equivalent with a grade of "C" or better
An introductory course in Digital Logic and Assembly Programming covering number representation, digital codes, Boolean Algebra, combinatorial logic design, sequential logic design, programmable logic devices, internal organization of microprocessor and microcontroller systems and programming in assembly language. (Lecture 2 hours, Laboratory 3 hours)
- CECS 275. Programming and Data Structures in C++ (3)
Prerequisite: CECS 174 or equivalent with a grade of "C" or better
Disciplined methods of design, coding and testing using the C++ programming language. Data abstraction and class design. Introduction to data structures (linked lists, stacks, queues and trees.) Recursion. Sorting and searching. (Lecture 2 hours, laboratory 3 hours)
- REC 201. Teamwork and Group Dynamics (3)
Prerequisite/Corequisite: One GE Foundation course.
Introduction to group dynamics and teamwork. Presents participation in, leadership of, and facilitation techniques for team building through experiential group problem solving activities. Course utilizes ground based and low elements challenge course activities at the CSULB OutBAC Ropes Course. (Theory and practicum).
- ASLD 124. American Deaf Cultures (3)
Prerequisite: None
This course will study deaf people in the United States. The course will explore issues of language, consciousness, culture, self-representation, identity, and social construction within and between groups. Focus will be on cultural oppression, power, contributions of folklore, literature, plays, Deaf art, and the impact of modern technology on multiple discourses of Deaf culture within America. No knowledge of a signed language or prior experience with this culture is required.
Lecture 3 hours.
- ASLD 201. American Sign Language 3 (4)
American Sign Language 3
Prerequisite: ASLD 101 and ASLD 102 (formerly LING 151 and LING 152) or consent of instructor.
Low-to-mid intermediate-level ASL focusing on receptive and expressive conversational skills without voice, using manual and nonmanual, spatial, and temporal grammatical structures.
Lecture 4 hours.
- ASLD 202. American Sign Language 4 (4)
American Sign Language 4
Prerequisite: ASLD 201 or consent of instructor
Mid-to-high intermediate level ASL focusing on receptive and expressive ASL skills without voice, using manual and non-manual, spatial, and temporal grammatical structures.
Lecture 4 hours.
- ASLD 211. Beginning Interpreting and Ethics 1 (3)
Prerequisites: ANTH/LING 170 and ASLD 124.
Corequisite: ASLD 201 or consent of instructor.
This course is designed to provide students with the historical, theoretical, and practical knowledge of the ASL-English interpreting profession. Lecture 3 hours.
- ASLD 212. Beginning Interpreting and Ethics 2 (3)
Prerequisite: ANTH/LING 170, ASLD 124, and ASLD 211.
Corequisite: ASLD 202 or consent of instructor.
This course is designed to provide students with the cognitive skills needed to beginning translating from English to ASL, and ASL to English. Lecture 3 hours.
- ESP 101. The Global Environment (3)
Prerequisites: none
Introduction to the Earth's principal human-environmental relationships and biogeographic processes with a focus on how human actions impact the geography of living things from the local to the global scale.
Same course as GEOG 101. Not open for credit to students with credit in GEOG 101.
- HIST 105. American Indian History—Pre 1871 (3)
Prerequisite/Corequisite: One course from GE category A1.
A survey of the histories and cultures of American Indian Peoples in North America from pre-contact to 1871 and an analysis of the political, cultural, economic, legal and military relationships that developed between the American Indians and foreign nations.
Same course as AIS 105. Not open for credit to students with credit in AIS 105.
- HIST 106. American Indian History – Post 1871 (3)
Prerequisite/Corequisite: One course from GE category A1.
Survey of histories and cultures of American Indian Peoples in North America from 1871 to present.
Same course as AIS 106. Not open for credit to students with credit in AIS 106.

- JOUR 240. Multimedia Storytelling (3)
Prerequisite or Corequisite: JOUR 120
This course is designed to develop basic skills in multimedia storytelling. Techniques and tools used in creating blogs, photo slideshows and podcasts as well as shooting and editing video will be covered. Legal and ethical considerations will also be examined.
- PHIL 261. Philosophy and Film (3)
Prerequisite: Completion of GE Foundation
Exploration of philosophical ideas and problems presented through film, photography, and imagery.

Articulation Requires Review—Fall 2016: If you have any articulation agreements (or would like to articulate your courses) with the courses listed below, please submit your current course outlines for review. Your course outlines must match your data in ASSIST (prefix, course number, title, and units).

- There are no courses in this category this time.

Technical and Minimal Changes—Fall 2016: No review required:

- ART 101, Artists In Their Own Words. Units decreasing. No articulation review necessary
- ART 251A Introduction to Ceramics: Handbuilding. Minimal change, no articulation review necessary
- ART 251B Introduction to Ceramics: Wheel Throwing. Minimal change, no articulation review necessary
- ART 254. Introduction to Wood. Minimal change, no articulation review necessary
- ART 257. Introduction to Metals. Minimal change, no articulation review necessary
- ART 261. Introduction to Life Sculpture. Minimal change, no articulation review necessary
- ART 270. Introduction to Printmaking. Minimal change, no articulation review necessary
- DANC 100. Orientation. Minimal change, no articulation review necessary
- DANC 111B Beginning Modern Dance. Minimal change, no articulation review necessary
- DANC 112A Intermediate Modern Dance. Minimal change, no articulation review necessary
- DANC 112B Intermediate Modern Dance. Minimal change, no articulation review necessary
- DANC 114B Intermediate Ballet. Minimal change, no articulation review necessary
- DANC 120 Improvisation. Minimal change, no articulation review necessary
- DANC 152 Modern Technique I. Minimal change, no articulation review necessary
- DANC 154 Ballet Technique I. Minimal change, no articulation review necessary
- DANC 161 Placement for the Dancer. Minimal change, no articulation review necessary
- DANC 180A Dance Performance. Minimal change, no articulation review necessary
- DANC 180B Dance Performance. Minimal change, no articulation review necessary
- DANC 181A Dance Production Technical. Minimal change, no articulation review necessary
- DANC 181B Dance Production Technical. Minimal change, no articulation review necessary
- DANC 252 Modern Technique II. Minimal change, no articulation review necessary
- DANC 254 Ballet Technique II. Minimal change, no articulation review necessary
- MUS 129 Selected Topics – Individual Instruction for Music Majors. Minimal change, no articulation review necessary
- MUS 221A Class Jazz Piano. Minimal change, no articulation review necessary
- MUS 224 Orchestral Literature: Performance and Styles. Minimal change, no articulation review necessary
- MUS 229 Selected Topics – Individual Instruction for Music Majors. Minimal change, no articulation review
- THEA 142 Elementary Stagecraft. Minimal change, no articulation review necessary
- THEA 146 Costume Crafts. Minimal change, no articulation review necessary
- THEA 262 Beginning Movement for the Actor. Minimal change, no articulation review necessary
- CHE 200 Chemical Engineering Fundamentals. Minimal change, no articulation review necessary
- CHE 210 Computer Methods in Chemical Engineering. Minimal change, no articulation review necessary
- CE 200 Materials for Civil Engineer. Minimal change, no articulation review necessary
- CE 205 Analytical Mechanics I Statics. Minimal change, no articulation review necessary
- CE 206 Computer Prog & Applications. Minimal change, no articulation review necessary
- CECS 174 Introduction to Programming and Problem Solving. Minimal change, no articulation review necessary
- CECS 200 Intermediate Web Design. Minimal change, no articulation review necessary
- CECS 271 Introduction to Numerical Methods. Minimal change, no articulation review necessary
- ENGR 101 Intro Engineering Profession. Minimal change, no articulation review necessary
- ATEP 207. Prevention and Care of Athletic Injuries. Minimal Change, no articulation review necessary

- FMD 258 Fashion Merchandising and Design Practicum. Minimal change, no articulation review necessary
- AFRS 100 Composition II. Minimal change, no articulation review necessary
- AFRS 215 Diversity and the Ethnic Experience. Minimal change, no articulation review necessary
- AIS 215 Diversity and the Ethnic Experience. Minimal change, no articulation review necessary
- ASAM 100 Composition II. Minimal change, no articulation review necessary
- CHLS 104 Composition II. Minimal change, no articulation review necessary
- CHLS 215 Diversity and the Ethnic Experience. Minimal change, no articulation review necessary
- ENGL 100 Composition II. Minimal change, no articulation review necessary
- ESP 200 California Environmental Issues. Minimal change, no articulation review necessary
- JOUR 110 Introduction to Mass Communication. Minimal change, no articulation review necessary
- JOUR 120 News Writing and Ethics. Minimal change, no articulation review necessary
- PSY 100 General Psychology. Minimal change, no articulation review necessary
- BIOL 153 Introduction to Marine Biology. Minimal change, no articulation review necessary
- BIOL 208 Human Anatomy. Minimal change, no articulation review necessary
- BIOL 260 Biostatistics. Minimal change, no articulation review necessary
- BIOL 296 Introduction to Undergraduate Directed Research. Minimal change, no articulation review necessary
- CWL 132 World Mythology. Minimal change, no articulation review necessary

New Prefix—Fall 2016 –

- BME: Biomedical Engineering
- ASLD: American Sign Language Linguistics and Deaf Culture
- FIL Filipino

Prefix Change – Fall 2016

- MICR changing to BIOL

Articulation agreements end—Fall 2016 - for the following courses, articulation agreements will end.

- DANC 262 Pilates I – Articulation ends per department (course changed to Upper Division)
- DESN 232B – Articulation ends per department (course changed to Upper Division)
- CECS 285 Computer Organization and Assembly Language Programming – course dropped
- KIN 217 Introduction to Kinesiotherapy – course dropped
- JOUR 126 Narrative Writing for Journalism – course dropped
- CLA 150 Elementary Statistics – course dropped

We appreciate your assistance and concern for students. If you have any questions, please contact the CSU, Long Beach Articulation Office at (562) 985-7171.

Sincerely,

Maggie

Maggie McGlothin
 Director, Academic Programs and Articulation