

CSU Certification List

Instructions

This information is from CSU EO 1033. The CSU General Education Breadth requirements are designed to provide the knowledge, skills, experiences, and perspectives that will enable CSU students to expand their capacities to take part in a wide range of human interests and activities; to confront personal, cultural, moral, and social problems that are an inevitable part of human life; and to cultivate both the requisite skills and enthusiasm for lifelong learning.

Courses approved for GE-Breadth should be responsive to the need for students to have developed knowledge of, or skills related to, quantitative reasoning, information literacy, intellectual inquiry, global awareness and understanding, human diversity, civic engagement, communication competence, ethical decision-making, environmental systems, technology, lifelong learning and self-development, and physical and emotional health throughout a lifetime.

Instruction approved to fulfill the following subject-area distribution requirements should recognize the contributions to knowledge and civilization that have been made by members of diverse cultural groups and by women as well as men. Courses should be, at minimum, 3 semester units for lecture and 1 semester unit for lab, where appropriate.

Area A: Students taking courses in fulfillment of subareas A1 and A2 will develop knowledge and understanding of the form, content, context, and effectiveness of communication. Students will develop proficiency in oral and written communication in English, examining communication from the rhetorical perspective and practicing reasoning and advocacy, organization, and accuracy. Students will practice the discovery, critical evaluation, and reporting of information, as well as reading, writing, and listening effectively. Coursework must include active participation and practice in both written and oral communication in English. For Area A2, reviewers look for evidence of assigned and graded student writing, both in class and as assigned homework. There is no minimum word count, but some number of words should be specified in the course outline. The course must carry an appropriate prerequisite, such as a SAT score or placement score, distinguishing it from a remedial class.

In critical thinking (A3) courses, students will understand logic and its relation to language; elementary inductive and deductive processes, including an understanding of the formal and informal fallacies of

language and thought and the ability to distinguish matters of fact from issues of judgment or opinion. In A3 courses, students will develop the abilities to analyze, criticize, and advocate ideas; to reason inductively and deductively; and to reach well-supported factual or judgmental conclusions. Approved courses do not require a prerequisite or instruction in writing.

Area B: Students taking courses in fulfillment of subareas B1, B2 and B3 will develop knowledge of scientific theories, concepts, and data about both living and non-living systems. Students will achieve an understanding and appreciation of scientific principles and the scientific method, as well as the potential limits of scientific endeavors and the value systems and ethics associated with human inquiry. Courses with a built-in laboratory requirement may qualify for Area B3 as long as the course outline clearly distinguishes laboratory from lecture. Laboratory courses offered entirely online are held to particularly close scrutiny to ensure that this type of delivery does not compromise learning objectives that are met by in-person instruction.

Courses in subarea B4 shall have an explicit intermediate algebra prerequisite, and students shall develop skills and understanding beyond the level of intermediate algebra. Students will not just practice computational skills, but will be able to explain and apply basic mathematical concepts and will be able to solve problems through quantitative reasoning.

Area C: Across the disciplines in their Area C coursework (the arts, literature, philosophy and foreign languages), students will cultivate intellect, imagination, sensibility and sensitivity. Students will respond subjectively as well as objectively to aesthetic experiences and will develop an understanding of the integrity of both emotional and intellectual responses. Students will cultivate and refine their affective, cognitive, and physical faculties through studying great works of the human imagination. Activities may include individual aesthetic, creative experiences; however Area C excludes courses that exclusively emphasize skills development, such as studio and performance classes.

In Area C2 courses language courses are approved that do not focus solely on skills acquisition but also contain a substantial cultural component. This may include literature, among other content. Creative writing courses are acceptable only if they include reading and analysis of respected works of literature. Courses in geography, history and art may be approved if the outline indicates a strong cultural content and an

exploration of subjective human experience.

Area D: Students learn from courses in multiple Area D disciplines that human social, political, and economic institutions and behavior are inextricably interwoven. Students will develop an understanding of problems and issues from their respective disciplinary perspectives and will examine issues in their contemporary as well as historical settings and in a variety of cultural contexts. Students will explore the principles, methodologies, value systems and ethics employed in social scientific inquiry. Courses that emphasize skills development and professional preparation are excluded from Area D.

Area E: In this area study is designed to equip learners for lifelong understanding and development of themselves as integrated physiological, social and psychological beings. Approved courses draw on findings from the biological, behavioral and social sciences to study human from both the physiological and psychological perspective. Student learning in this area shall include selective consideration of content such as human behavior, sexuality, nutrition, physical and mental health, stress management, financial literacy, social relationships and relationships with the environment, as well as implications of death and dying and avenues for lifelong learning. Physical activity may be included, provided that it is an integral part of the study elements described herein.

IGETC

Instructions

Courses must be CSU and UC transferable and typically taught at the lower division level.

Area 1A: A first semester course in English reading and written composition must include substantial instruction and practice in expository essay writing at the college level with a minimum of 6,000 words. Courses should also require a substantial reading of significant literature. Successful completion of the course in reading and written composition must be a prerequisite to the course in critical thinking/English composition. Courses that do not fulfill the English composition requirement include, but are not limited to: ESL courses, writing courses designed to meet the needs of a particular major, and courses designed exclusively for the satisfaction of remedial composition.

Area 1B: All courses for this area will have the successful completion of the approved course in a first reading and English composition as the

prerequisite course. Approved critical thinking courses may be taught in a variety of disciplines, which provide as a major component, instruction in the composition of essays and require students to write a sequence of such essays. Written work shall be evaluated for both composition and critical thinking. Text chosen in this area should reflect an awareness of cultural diversity. A minimum of 6000 words of writing is required. Instruction in critical thinking is designed to achieve an understanding of the relationship of language to logic, which should lead to the ability to analyze, criticize, and advocate ideas, to reason inductively and deductively, and to identify the assumptions upon which particular conclusion depend. The critical thinking component should go beyond critical reasoning or literary criticism.

Area 1C: (CSU Requirement only) Applicable courses should view communication as the process of human symbolic interaction focusing on the communicative processes from the rhetorical perspective; reasoning and advocacy, organization, accuracy; the discovery, critical evaluation and reporting of information; reading and listening effectively as well as speaking and writing. Rhetorical principles must be covered and specified in the course outline. Courses approved for this area must include active participation and practice in written and oral communication. Oral communication courses must include faculty-supervised, faculty-evaluated practice in communicating orally in the presence of other listeners. Strictly online oral communications courses may not be used on IGETC Area 1C; hybrid-delivery courses may meet the area criteria.

Area 2: Courses ~~in~~ shall have an intermediate algebra prerequisite, and students shall develop skills and understanding beyond the level of intermediate algebra. An appropriate course in statistics (within and outside of the mathematics discipline) must emphasize the mathematical basis of statistics, probability theory and estimation, application and interpretation, uses and misuses, and the analysis and criticism of statistical arguments in public discourse.

Area 3: This area should encourage students to analyze and appreciate works of philosophical, historical, literary, aesthetic and cultural importance.

Area 3A: Courses which focus on technique or performance are not approved to meet this requirement. Performance and studio classes may be accepted if their major emphasis is the integration of history, theory, and criticism.

Area 3B: Advanced foreign language courses are appropriate for IGETC if they include literature or cultural aspects. Theatre and film courses are appropriate if they are taught with an emphasis on historical, literary, or cultural aspects. Logic courses are also acceptable if the focus is not solely on technique but includes the role of logic in humanities disciplines.

Area 4: Course material should be presented from a theoretical point of view and focus on core concepts and methods of the discipline rather than on personal, practical, or applied aspects. Problems and issues should be examined in contemporary, historical and geographical settings.

Area 5: Courses must emphasize experimental methodology, the testing of hypotheses, and the power of systematic questioning, rather than only the recall of facts. Courses that emphasize the interdependency of the sciences are especially appropriate for non-science majors. Acceptable courses in biological sciences and the physical sciences must focus on teaching the basic concepts of biological science or physical science. Courses which emphasize the major concepts of the discipline, including biochemical and physiological principles will be considered. Courses which survey both the physical and biological sciences but are not comparable in depth and scope to a traditional science course or focus on a particular subject will not satisfy Area 5 of IGETC.

Area 6: (UC only) Language courses should provide instruction in the written and oral language as well as history and cultural traditions of the country associated with the language studied.