



## ACADEMIC SENATE

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### COMMITTEE ON INSTRUCTION AND CURRICULUM

15-16 CIC 20

Monday, January 04, 2016

Senate final amendments 2/24/16

**TO:** The Academic Senate

**FROM:** The Committee on Instruction and Curriculum (CIC)

**SUBJECT:** 15-16 CIC 20: General Education Learning Outcomes

**PURPOSE:** Approval of the Academic Senate

**ACTION REQUESTED:** That the Academic Senate approve the Learning Outcomes, effective upon the signature of the President

#### **BACKGROUND INFORMATION:**

The General Education subcommittee was formally charged with developing the GE learning outcomes for the semester curriculum pursuant to [15-16 ASCD 1](#) early in the Fall Quarter, 2015. The subcommittee members received assigned time from the Semester Conversion Initiative and met weekly throughout the quarter.

Lower division area C has been more formally stated so that there are now 3 distinct sub-areas: “Arts” (C1), “Humanities” (C2), and “Creative Expression” (C3). It will no longer be the case that courses will be broadly approved for “lower division area C”. It is also now explicitly stated in areas C and D that 3 of the 4 courses must come from different disciplines, as indicated by course prefix.

The subcommittee additionally recommended that the word count for required writing in C4 and

The subcommittee indicates that it will no longer approve courses for more than one GE area (A-D; there may be exceptions for Area E for transfer students).

unanimously approved the proposal and forwarded it to the Academic Senate.

## **Proposed General Education Learning Outcomes:**

### **PREAMBLE**

#### **PRINCIPLES**

CSU East Bay General Education (GE) Learning Outcomes for Areas A-E were aligned with the requirements of [Executive Order 1100](#) - General Education Breadth Requirements

In order to qualify for General Education credit, a course must embed the required outcomes for that area.

Completion of Area C (12 semester units) and Area D (12 semester units) must include courses from at least 3 different disciplines, as represented by course prefix.

Upper-division GE courses shall be taken no sooner than the term in which upper-division status is attained, as required in EO 1100.

Required oral communication outcomes will be enforced for online courses and recorded forms are allowed to accommodate the online environment.

## **LEARNING OUTCOMES**

### **Area A - English Language, Communication, and Critical Thinking (9 semester units)**

#### **A1 - Oral Communication (3 semester units)**

As appropriate, American Sign Language may be substituted for oral communication.

Students will be able to

1. speak effectively when making oral presentations in English;
2. explain the principles of effective oral communication, including form, content, context, and style;
3. advocate for a cause or idea, presenting facts and arguments in an organized and accurate manner; and
4. critically evaluate oral presentations.

#### **A2 - Written Communication (3 semester units)**

Students will be able to

1. write effectively in English;
2. explain the principles and rhetorical perspectives of effective writing, including its form, content, context, and style;
3. advocate for a cause or idea, presenting facts and arguments in an organized and accurate manner; and,
4. practice the discovery, critical evaluation, and reporting of information.

#### **A3 - Critical Thinking (3 semester units)**

Students will be able to

1. understand logic and its relation to language, and elementary inductive and deductive reasoning, and formal and informal fallacies;
2. demo

## **Area B - Scientific Inquiry and Quantitative Reasoning (12 semester units)**

### **B1 - Physical Science (3 semester units)**

Students will be able to

1. demonstrate knowledge of scientific theories, concepts, and data about the physical sciences;
2. demonstrate an understanding of scientific practices, including the scientific method; and
3. describe the potential limits of scientific endeavors, including the accepted standards and ethics associated with scientific inquiry.

### **B2 - Life Sciences (3 semester units)**

Students will be able to

1. demonstrate knowledge of scientific theories, concepts, and data about the life sciences; ‘
2. demonstrate an understanding of scientific practices, including the scientific method; and
3. describe the potential limits of scientific endeavors, including the accepted standards and ethics associated with scientific inquiry.

### **B3 - Laboratory Activity**

Laboratory activities that are not a component of B1 or B2 course must have a pre- or co-requisite of a B1 or B2 course in the same discipline.

Course characteristic:

courses will emphasize collaboration in a laboratory setting.

Students will be able to

1. apply their knowledge of scientific theories, concepts, and data about the physical and life sciences through laboratory activities;
2. apply their understanding of scientific practices, including the scientific method in a laboratory setting; and
3. demonstrate accepted standards and ethics associated with scientific inquiry, while completing laboratory activities.

### **B4 - Mathematics/Quantitative Reasoning (3 semester units)**

B4 courses shall have an explicit intermediate algebra prerequisite.

In B4 courses, students will not j

C2 - Humanities (3 semester units)

3.

Students will be able to

1. analyze how power and social identity affect social outcomes for different cultural and economic groups using methods of social science inquiry and vocabulary appropriate to those methods;
2. demonstrate an understanding of and ability to apply accurately disciplinary concepts of the social or behavioral sciences; and
3. demonstrate an understanding of and the ability to effectively plan or conduct research using an appropriate method of the social or behavioral sciences.

**Area E Lifelong Learning and Self-Development (3 semester units)**