WORKING DRAFT GE OUTCOMES CSU EAST BAY
November 9th, 2015

OVERVIEW

- Align with state language around defining characteristics of each area as found in EO 1100
- Consider including mapping to ILOs so that outcomes that are CSU East Bay specific
- The GE outcomes will be “thoroughly embedded” in the course.
- Include clarifying language around “disciplines” and some rules to ensure a disciplinary distribution in, especially, areas C and D.
- Include language for upper division GE incorporating advanced writing and oral (manual) communication and information literacy.
- Establish rules around cross-listing.
- Course capacities, especially in the upper division.
- Clarify that oral communication is required in an online environment for upper division GE.

Area A - English Language, Communication, and Critical Thinking (9)

A1 - Oral Communication (3)
Note that as appropriate American Sign Language may be substituted oral communication.

1. Students will be able to describe the principles of effective oral communication, including its form, content, and context.
2. Students will develop proficiency in oral communication. Drawing on rhetorical perspectives, students will be able to use oral communication to advocate for a cause or idea and to present facts and arguments in an organized and accurate manner.
3. Students will practice the discovery, critical evaluation, and reporting of information, as well as speaking and listening effectively
4. Students will actively participate in and practice oral communication

A2 - Written Communication (3)

1. Students will be able to describe the principles of effective written communication, including its form, content, and context,
2. Students will develop proficiency in written communication in English. Drawing on rhetorical perspectives, students will be able to use written communication to advocate for a cause or idea and to present facts and arguments in an organized and accurate manner.
3. Students will practice the discovery, critical evaluation, and reporting of information, as well as reading and writing effectively
4. Students will actively participate in and practice written communication.

A3 - Critical Thinking (3)
1. Students will understand logic and its relation to language; and elementary inductive and deductive processes, including an understanding of the formal and informal fallacies of language and thought;
2. Students will demonstrate the ability to distinguish among different sorts of claims, such as statements of opinion, reasoned judgments, proofs, and articles of faith.
3. Students will develop the ability to analyze, criticize, and advocate ideas; to reason inductively and deductively; and to reach well-supported factual or judgmental conclusions.

Area B - Scientific Inquiry and Quantitative Reasoning (12)
B1 - Physical Science (3)
1. Students will demonstrate knowledge of scientific theories, concepts, and data about the physical sciences.
2. Students will demonstrate an understanding of scientific principles and the scientific method
3. Students will develop the ability to describe the potential limits of scientific endeavors and the value systems and ethics associated with human inquiry.

B2 - Life Science (3)
1. Students will demonstrate knowledge of scientific theories, concepts, and data about the life sciences.
2. Students will demonstrate an understanding of scientific principles and the scientific method
3. Students will describe the potential limits of scientific endeavors and the value systems and ethics associated with human inquiry.

B3 - Laboratory Activity (May be included in the B1 or B2 unit requirements or may be additional units based upon program requirements)
Laboratory activities must have a pre or co-requisite of a B1 or B2 course in the same discipline.
1. Students will apply their knowledge of scientific theories, concepts, and data about the physical and life sciences through laboratory activities.
2. Students will apply their understanding of scientific principles and the scientific method in a laboratory setting.
3. Students will practice the value systems and ethics associated with human inquiry while completing laboratory activities.
B4 - Mathematics/Quantitative Reasoning (3)
B4 courses shall have an explicit intermediate algebra prerequisite. In B4 courses students will not just practice computational skills, but will engage in more complex mathematical work.

1. Students will explain and apply basic mathematical concepts.
2. Students will solve problems through quantitative reasoning.

B6 - Upper Division Science Inquiry and Quantitative Reasoning (3)
B6 courses shall have an explicit prerequisite of completion of B1-B4 requirements. Students are strongly encouraged to take any lab associated with upper division courses.

1. Students will demonstrate advanced and/or focused science or quantitative content knowledge in a specific scientific field using appropriate vocabulary and referencing appropriate concepts (such as models, uncertainties, hypotheses, theories, and technologies).
2. Students will apply advanced quantitative skills (such as statistics, algebraic solutions, interpretation of graphical data) to scientific problems and evaluate scientific claims.
3. Students will demonstrate understanding of the nature of science and scientific inquiry and the experimental and empirical methodologies used in science to investigate a scientific question or issue.
4. Students will apply science content knowledge to contemporary scientific issues (e.g. global warming) and technologies (e.g. cloning), where appropriate.

Area C - Arts and Humanities (12)
Note: Area C courses may include participation in individual aesthetic, creative experiences; however, it excludes courses that exclusively emphasize skills development.

Note: Area C must include courses from at least 3 different disciplines as represented by course prefix.

C1 - Arts (3)
1. Students will demonstrate an appreciation of the arts using their intellect, imagination, sensibility, and sensitivity.
2. Students will respond both subjectively and objectively to aesthetic experiences in the arts and will develop an understanding of the integrity of both emotional and intellectual responses.
3. In their intellectual and subjective considerations, students will demonstrate an understanding of the relationship among the self, the creative arts, and culture.

C2 - Humanities (3)
1. Students will demonstrate an appreciation of the humanities using their intellect, imagination, sensibility, and sensitivity.
2. Students will develop their affective and cognitive faculties through studying great works of human imagination.
3. In their intellectual and subjective considerations, students will demonstrate an understanding of the relationship between the self and the humanities.

C3 - Creative Expression (3)
1. Students will exhibit their intellect, imagination, sensibility and sensitivity through substantive active participation in creative endeavors.
2. Students will demonstrate their subjective and objective engagement with the creative expression of others.
3. Through their creative expression, students will develop an understanding of the self and others.

C4 - Upper Division Arts or Humanities (3)
C4 courses shall have an explicit prerequisite of completion of C1-C3 requirements??
Currently the prereq is all of A + 2nd comp...

Overview: Upper division arts and humanities courses in the general education program emphasize advanced writing and critical thinking (WHAT DOES THIS MEAN, WHAT EVIDENCE IS REQUIRED?), include significant oral communication or manual communication (sign language) (WHAT DOES THIS MEAN, WHAT EVIDENCE IS REQUIRED?), and information literacy.

1. Students will demonstrate an understanding of and ability to apply principles, methodologies, value systems, and thought processes employed in the arts and humanities.
2. Students will analyze cultural production as an expression of our shared humanity.
3. Using the perspectives of the arts and humanities, students will demonstrate the capacity to participate in and contribute to their local and global communities as informed, engaged, and reflective citizens.

Area D - Social Sciences (12)
Note: Area D (including D4) must include courses from at least 3 different disciplines as represented by course prefix.

D1 - 3- Social Sciences (9)
1. Students will describe how social, political and economic institutions and behavior are interwoven.
2. Students will explain how humans individually and collectively relate to relevant social, political, and economic systems -- how they produce, resist, and transform them.
3. Students will discuss and debate issues from the course’s disciplinary perspective in a variety of historical, contemporary, and cultural contexts.
4. Students will explore principles, methodologies, value systems, and ethics employed in social scientific inquiry.

Note: Courses that emphasize skills development and professional preparation are excluded from Area D. Coursework taken in fulfillment of this requirement must be taught from more than one disciplinary perspective.

D4 - Upper Division Social Sciences (3)

Overview: Upper division social science courses in the general education program emphasize advanced writing and critical thinking (WHAT DOES THIS MEAN, WHAT EVIDENCE IS REQUIRED?), include significant oral communication or manual communication (sign language) (WHAT DOES THIS MEAN, WHAT EVIDENCE IS REQUIRED?), and information literacy.

1. Students will demonstrate an understanding of and ability to apply accurately disciplinary concepts of the social or behavioral sciences.
2. Demonstrate an understanding of and the ability to effectively plan or conduct research using an appropriate method of the social or behavioral sciences.
3. Students will analyze the importance of power and social identity in order to participate effectively in today’s world.