Grossmont College Values for Student Learning and Institutional Student Learning Outcomes

Productive Citizenry
·Identify and analyze ethical problems or dilemmas as well as identify and describe those involved.
·Demonstrate academic integrity.
·Comprehend and apply the rights, responsibilities, and privileges required of an informed citizen in a democratic society.
·Demonstrate an understanding of civic, social, and environmental issues.
·Analyze, apply, and practice healthy lifestyle choices.
·Apply principles of personal financial planning and management.

Understanding of the Arts and Humanities
·Analyze and evaluate music as well as the visual and performing arts.
·Demonstrate basic knowledge of the arts, literature, history, and philosophy.
·Utilize knowledge of history and philosophy in decision-making.
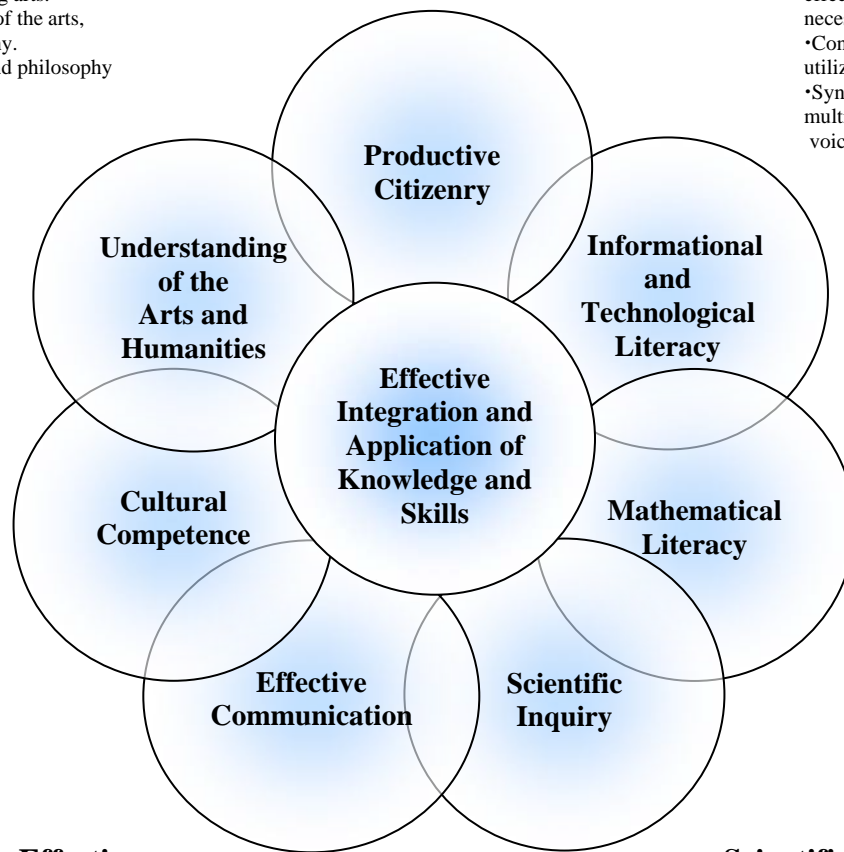·Develop creative expression.

Informational and Technological Literacy
·Utilize basic computer applications effectively when performing tasks that necessitate computer use.
·Conduct research, critically assess, utilize, and cite information.
·Synthesize, integrate, and contextualize multiple outside sources with individual voice, analysis, or position.

Cultural Competence
·Demonstrate knowledge of one's own culture as well as others.
·Demonstrate the ability to interact effectively within and across cultures.
·Analyze and describe the impact religion, mass media, politics, economics, technology, environment, and history has on society.
·Demonstrate the ability to communicate effectively in a language other than one's own.

Mathematical Literacy
·Apply mathematical principles to solve problems effectively in science, business, and everyday life.
·Demonstrate a sense of number to make informed decisions, estimate orders of magnitude, read a chart or a graph, and follow an argument based on numerical evidence.
·Apply statistical numeracy by making sensible estimates, use a commonsense approach when using data to support an argument, and judiciously apply averages and percentages.

Central diagram circles:
- Productive Citizenry
- Understanding of the Arts and Humanities
- Informational and Technological Literacy
- Cultural Competence
- Effective Integration and Application of Knowledge and Skills
- Mathematical Literacy
- Effective Communication
- Scientific Inquiry

Effective Communication
·Apply oral communication skills in order to maintain relationships, articulate perspectives, and solve problems within interpersonal, small group, and public contexts.
·Apply listening skills in order to understand, analyze, and evaluate messages and to empathize with and support others.
·Read critically and analytically, identifying central arguments and lines of reasoning in a number of different kinds of texts.
·Demonstrate autonomy as writers by making effective rhetorical choices regarding point of view, tone, and voice in relation to audience and purpose.
·Use logical, ethical, and emotional appeals, avoiding logical fallacies in thought and language and utilizing a variety of rhetorical strategies.

Scientific Inquiry
·Analyze and apply the principles of the social, behavioral, physical, and natural sciences.
·Apply scientific methods of inquiry and analysis through critical reading, research, and experimentation.
·Employ quantitative reasoning to solve problems and justify conclusions with reasoned and scientifically sound argument.
·Distinguish between unverifiable beliefs and the knowledge gained through the objectivity of science.
·Correctly analyze and assess cause and effect relationships in natural phenomena.

Questions and Answers about Grossmont College ISLOs
Feb. 26, 2007

What is the purpose of Institutional Student Learning Outcomes (ISLOs)?

The purpose of developing ISLOs is to articulate what learning outcomes graduates and transfer students should achieve when attending Grossmont College. Some of these outcomes are identified in the general education package for associate degrees; some are defined in transfer requirements. The Academic Senate and faculty experts in each academic discipline will periodically review the ISLOs to see if modifications to the college general education package or the ISLOs are warranted.

Similar to SLOs in courses, faculty desire every student to attain every outcome. In reality, students need to master only a significant majority of the outcomes in order to pass a class. Similarly, with ISLOs, the faculty desire every student to achieve every outcome in every area; however, the general education package allows students flexibility in achieving the goal of meeting the requirements. What is not in question is whether students will have experience in all areas of education that the college values.

Who is the audience for the document on ISLOs?

The audience is the institution, including the board, district and college administration, staff, faculty, and students. It is the intent of the faculty to post the document in prominent places on campus and in college publications to facilitate understanding of the educational values and outcomes established for students.

What are the institutional values?

The values developed by the college for students are productive citizenry, informational and technological literacy, mathematical literacy, scientific inquiry, effective communication, cultural competence, and understanding of the arts and humanities. These values are listed as the name of each intersecting circle on the ISLO diagram.

What are institutional student learning outcomes (ISLOs)?

The bulleted items under each heading are ISLOs, which means each outcome must have appropriate assessments to measure whether the outcome is achieved or not. The college has some assessment instruments in place for some ISLOs, but others will need to be developed. The Academic Senate and faculty experts in each academic discipline will decide how to evaluate the effectiveness of the ISLOs.