**Institutional Student Learning Outcomes**

**Updated 10.26.2014**

1. Communication

~~Definition: Learners express themselves clearly and concisely to others in logical, well-organized papers and/or verbal presentations using documentation and quantitative tools when appropriate. Learners listen, understand, debate, and use information communicated by others.~~

**Ability to articulate and apply critical thinking in written, speaking and/or other modes of communication. Ability to communicate clearly and think critically in writing, speaking, and other modes of communication.**

**LO-** **Write in a clear, coherent, and organized manner, at the appropriate**

**academic level, to explain ideas, to express feelings, and to support conclusions, claims, or theses.**

1. Mathematical Competency/Quantitative Reasoning

~~Definition: Learners understand, interpret, and manipulate numeric or symbolic information; solve problems by selecting and applying appropriate quantitative methods such as arithmetic, quantitative reasoning, estimation, measurement, probability, statistics, algebra, geometry and trigonometry; and present information and construct arguments with the use of numerical and/or statistical support~~

**Ability to apply, interpret, and understand mathematical information.**

**LO- Analyze and utilize mathematical problems and present information and construct arguments with the use of numerical and/or statistical support.**

1. Information Competency

Definition: ~~Learners recognize the need for information and define a research topic; select, access, and use appropriate sources to obtain relevant data; evaluate sources for reliability and accuracy; and use information in an ethical and legal manner.~~

**Ability to recognize, apply, and utilize research skills necessary to achieve educational, professional, and personal objectives.**

**LO- Utilize and organize research information in an ethical and legal manner.**

1. Critical Thinking

Definition: ~~Learners evaluate the credibility and significance of information, effectively interpret, analyze, synthesize explain, and infer concepts and ideas; solve problems and make decisions; and construct and deconstruct arguments.~~

**Ability to analyze problems, synthesize and evaluate ideas and information, develop arguments, and derive conclusions.**

**LO-** **Identify and analyze real or potential problems and develop, test, and evaluate possible solutions, using the scientific method where appropriate.**

1. Global Awareness and Appreciation:

Definition: ~~Learners recognize and analyze the interconnectedness of global, national, and local concerns, analyzing cultural, political, social and environmental issues from multiple perspectives; they recognize the interdependence of the global environment and humanity.~~

**Ability to recognize, analyze, and appreciate similarities and differences among cultures, and political, social, and environmental issues.**

**LO- Demonstrate and respect the feelings, opinions, and values of other people and cultures.**

1. Personal Responsibility

Definition: ~~Learners demonstrate an understanding of the consequences, both positive and negative, of their own actions; set personal, academic and career goals; and seek and utilize the appropriate resources to reach such goals.~~

**Ability to demonstrate and apply decision making skills and develop the capacity for self-understanding.**

**LO-Demonstrate an understanding of ethical issues and values required**

**to make sound judgments and decisions.**

1. ~~Application of Knowledge~~

~~Definition: Learners maintain, improve and transfer academic and technical skills to the workplace; demonstrate life-long learning skills by having the ability to acquire and employ new knowledge; and set goals and devise strategies for personal and professional development.~~

From Cuesta College

**CRITERIA FOR GENERAL EDUCATION COURSES**

**Upon completion of the general education course pattern, in addition to the area-specific outcomes, students should be able to:**

1. identify, explain, and analyze the core concepts and methods of the major discipline in which the course is included;
2. identify, explain, and analyze the influences and contributions of the specific discipline to other disciplines, culture, human history, and our quest to understand the universe;
3. organize, integrate, and critically analyze information within the course, using these skills to generate and evaluate alternative perspectives; and
4. prepare students to lead enriched lives in a multicultural society

All of these are defined at the MASTERY level of Blooms Taxonomy