

## CORE COMPETENCIES

### Institutional Student Learning Outcomes

Adopted 6/1/2006

#### 1) Communication

- a) Reading
- b) Writing
- c) Listening
- d) Speaking and/or Conversing and/or Debating
- e) Interpersonal Interactions

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.

#### 2) Mathematical Competency/Quantitative Reasoning

- a) Interpret and Construct Mathematical Models
- b) Solve Problems Using Quantitative Models
- c) Construct Arguments Using Numerical/Statistical Support

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.

#### 3) Information Competency

- a) Research Strategies
- b) Information Location/Retrieval
- c) Evaluation of Information
- d) Ethical & Legal Use of Information

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.

- 4) Critical Thinking
- a) Evaluation
  - b) Analysis and/or Synthesis
  - c) Interpretation and/or Inference
  - d) Problem Solving
  - e) Construct and/or Deconstruct Arguments

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.

- 5) Global Awareness and Appreciation:
- a) Scientific Complexities
  - b) Social and Cultural Diversity
  - c) Artistic Expression and Variety
  - d) Ethical Reasoning
  - e) Environmental Issues
  - f) Politics

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.

- 6) Personal Responsibility
- a) Self Management
  - b) Self Awareness
  - c) Physical Wellness
  - d) Study Skills

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.

- 7) Application of Knowledge
- a) Computer Skills
  - b) Technical Skills
  - c) Workplace Skills
  - d) Lifelong Learning

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.