UW-Green Bay MEASURABLE Learning Outcomes

General Education Learning Outcomes (GEC Approved 5-14-2013)

Interdisciplinary Learning Outcomes:
Students will be able to:
- Describe interdisciplinarity.
- Communicate why interdisciplinarity is important to fully understand issues and problems.
- Recognize and identify different disciplinary perspectives being used when discussing issues/problems.
- Articulate how these different perspectives enhance our ability to understand a problem/issue and articulate shortcomings.
- Apply interdisciplinary thinking to issues and problems.

Problem Solving Learning Outcomes:
Students will be able to:
- Describe the process of problem solving.
- Articulate a problem including assumptions and definitions.
- Identify and employ techniques for generating possible solutions.
- Identify criteria by which to evaluate possible solutions.
- Defend the choice of a solution against alternatives.

Communication Learning Outcomes:
Students will be able to:
- Distinguish communication that is clear and coherent from communication that is not.
- Adjust a message to engage different audiences.
- Select appropriate channels or mechanisms of communication.
- Interpret complex messages from and using multiple perspectives.
- Speak and write effectively.
- Apply their communication skills to enhance collaborative work with people of diverse backgrounds or expertise.

Quantitative Literacy Learning Outcomes:
Students will be able to:
- Demonstrate competence in performing quantitative operations.
- Communicate and validate quantitative information based on various contexts.
- Apply analytical concepts and operations to aid in problem-solving, decision-making, and other real-world problems.
- Interpret models such as formulas, graphs, tables, or schematics, and draw inferences from them.
Information Literacy Learning Outcomes:
Students will be able to:
- Identify the nature and extent of the information needed
- Collect needed information effectively and efficiently
- Evaluate information and its sources critically
- Use information effectively to accomplish a specific purpose
- Recognize the legal and ethical issues surrounding the use of information and access

Ethnic Studies Learning Outcomes:
Students will, within the context of the United States, be able to:
- Identify ethnic, racial, and cultural contrasts and similarities.
- Describe ethnic/racial relations from multiple perspectives.
- Articulate causes and effects of stereotyping and racism.

Global Culture Learning Outcomes:
Students will be able to:
- Demonstrate an understanding of individual and cultural differences outside the United States.
- Explore issues that cross geographic, political, economic and/or socio-cultural boundaries outside the United States.
- Engage in informed judgments about global issues and problems as a socially responsible citizen.

Sustainability Learning Outcomes:
Students will be able to:
- Think critically regarding the array and implications of alternative sustainability definitions;
- Discuss sustainability within the context of ethical decision-making on earth;
- Describe why actions to achieve sustainability are complex and contentious;
- Express how failure to achieve sustainability has implications for human survival and planetary life quality over time;
- Engage in informed judgments about sustainability and problems as socially responsible citizens.

Natural Sciences Learning Outcomes:
Students will be able to:
- Explain central principles and theories of physical sciences
- Explain central principles and theories of biological sciences
- Describe the inquiry process through which the sciences approach the development of understanding of the physical world.
**Humanities Learning Outcomes:**
Students will be able to:

- Describe the humanities unique ways of understanding major events and movements in Western and world civilizations.
- Critically examine a range of literary, philosophical, and other cultural texts produced by those movements.
- Articulate individual and social values within cultures and the implications of decisions made on the basis of those values.
- Analyze and produce complex forms of expression.

**Social Sciences Learning Outcomes:**
Students will be able to:

- Explain how social scientists practice critical thinking.
- Demonstrate the ability to address problems using tools and methods exemplary of the social sciences.
- Demonstrate an understanding of appropriate content in two different social sciences.

**Fine Arts Learning Outcomes:**
Students will be able to:

- Demonstrate technical skills and knowledge necessary to create or perform artistic functions, or understand the historical and cultural sources of an art form.
- Develop historical, stylistic and cultural and aesthetic knowledge necessary to create art or performance in diverse styles within the genre of the course or demonstrate knowledge of terminology and techniques used in an art form to be conversant about such issues.
- Synthesize skills and contextual knowledge in performance/creation of artistic works and knowledge of societal influences on art, or demonstrate knowledge of art as an agent of cultural expression and societal change and to use appropriate methods to evaluate quality of an art form.