

GENERAL EDUCATION LEARNING VALUES & OUTCOMES

Revised May 2008

0. Application & Integration

Definition: Applying information from one or more disciplines and/or field experiences in new contexts (Outcomes 0.1); developing integrated approaches or responses to personal, academic, professional, and social issues (Outcomes 0.2-0.5)

Outcomes: Students will be able to . . .

- 0.1 Apply theories and concepts studied in the classroom to field, clinical, shop, research, or laboratory settings.
- 0.2 Identify the strengths and limitations of different fields of study.
- 0.3 Identify and evaluate the relationships among different perspectives within a field of study or among different fields of study.
- 0.4 Integrate concepts and analytical frameworks from multiple perspectives to develop one or more of the following: more comprehensive descriptions, multi-causal explanations, new interpretations, or deeper explorations of issues.
- 0.5 Analyze and reflect upon insights gained from integrating multiple perspectives in a purposeful project or experience.

1. Information Literacy

Definition: Recognizing when information is needed and having the ability to locate, evaluate, and use effectively the needed information.

Outcomes: Students will be able to . . .

- 1.1 Determine the extent of information needed.
- 1.2 Access the needed information effectively, efficiently, ethically, and legally.
- 1.3 Evaluate information and its sources critically.
- 1.4 Evaluate issues (for example economic, legal, historic, social) surrounding the use of information.
- 1.5 Effectively integrate and use information ethically and legally to accomplish a specific purpose.

2. Critical Thinking

Definition: Thinking critically about the nature of knowledge within a discipline and about the ways in which that knowledge is constructed and validated and to be sensitive to the ways these processes often vary among disciplines.

Outcomes: Students will be able to . . .

- 2.1 Identify and express concepts, terms, and facts related to a specific discipline.
- 2.2 Analyze issues and develop questions within a discipline.
- 2.3 Identify, interpret, and evaluate pertinent data and previous experience to reach conclusions.
- 2.4 Evaluate decisions by analyzing outcomes and the impact of actions.
- 2.5 Identify similarities and differences in the ways in which data is collected and analyzed in different disciplines.
- 2.6 Recognize how the value and biases in different disciplines can affect the ways in which data is analyzed.
- 2.7 Identify and evaluate connections and relationships among disciplines.
- 2.8 Describe how one's own preconceptions, biases and values affect one's response to new and ambiguous situations.
- 2.9 Apply and/or create problem-solving strategies to successfully adapt to unpredictable and/or changing environments.

3. Communication

Definition: Understanding and producing effective written, spoken, visual, and non-verbal communication

Outcomes. Students will be able to...

- 3.1 Recognize, read, and comprehend academic and/or professional writing.
- 3.2 Recognize, produce and demonstrate appropriate interpersonal, group, and public speaking skills
- 3.3 Demonstrate effective listening skills.
- 3.4 Produce academic and/or professional writing and integrate it into written and spoken projects.
- 3.5 Recognize, comprehend, and use non-verbal behaviors appropriate to a given context.
- 3.6 Recognize, comprehend, and use visual communication appropriate to a given context.
- 3.7 Adapt communication to diverse audiences and media.

4. Community & Cultural Diversity

Definition: Recognizing the value of human communities and cultures from multiple perspectives through a critical understanding of their similarities and differences.

Outcomes: Students will be able to . . .

- 4.1 Identify and express concepts, terms, and issues associated with the diverse perspectives of race, social class, gender, sexual orientation, disabilities, and culture.
- 4.2 Understand, value and respect human differences and commonalities as they relate to issues of race, social class, gender, sexual orientation, disabilities, and culture.
- 4.3 Understand the historically and socially constructed nature of human differences and the meanings attributed to those differences.
- 4.4 Demonstrate effective communication across differences in human communities and cultures.
- 4.5 Adapt to and function effectively in communities and cultures different from one's own.
- 4.6 Utilize ethical practice in relation to diverse communities and cultures for the promotion of equity and social justice.

5. Global & Local Awareness & Responsibility

Definition: Understanding the complexity and interdependence of, and stewardship responsibilities to, local and global communities and environments.

Outcomes: Students will be able to . . .

- 5.1 Understand the impact of their own and other's actions on local/global communities and environments and how those communities/environments affect them in turn.
- 5.2 Identify diverse communities and their shared/competing interests and develop strategies for prevention and resolution of conflict.
- 5.3 Understand the consequences of choices as they relate to local/global community and environmental issues.
- 5.4 Understand the concept of local/global stewardship, and its ethical components, to communities and environments.
- 5.5 Demonstrate ethical practices as part of stewardship to local/global communities and environments.

6. Individual Awareness & Responsibility

Definition: Understanding, managing, and taking responsibility for one's learning and behavior in varied and changing environments.

Outcomes: Students will be able to . . .

- 6.1 Identify ethical and healthy choices and apply these personally, socially, academically, and professionally.
- 6.2 Demonstrate standards of professionalism in manner, appearance, and setting appropriate to the context, including the classroom, workplace, and community.
- 6.3 Apply successful organizational strategies of planning, goal setting, prioritizing, resolving conflict, and managing time to specific goals and/or projects.
- 6.4 Use self-reflection to recognize and define a sense of self-identity in personal, social/gender, and/or cultural/global terms and in relationship to others.
- 6.5 Develop self-monitoring and self-advocacy skills to effect positive life changes.

7. Aesthetics & Creativity

Definition: Interpreting human experience through engagement with creative processes and aesthetic principles.

Outcomes: Students will be able to . . .

- 7.1 Demonstrate an understanding of the creative process.
- 7.2 Demonstrate knowledge of aesthetic principles.
- 7.3 Use knowledge of creative processes and aesthetic principles to understand humans and the world around them.
- 7.4 Demonstrate an understanding of the role of arts and creative expression in societies.

8. Mathematical Reasoning

Definition: Understanding and applying concepts of mathematics and logical reasoning in a variety of contexts, both academic and non-academic.

Outcomes: Students will be able to . . .

- 8.1 Analyze problems to determine what mathematical principles apply.
- 8.2 Correctly apply logical reasoning and mathematical principles to solve problems.
- 8.3 Interpret information and reasoning expressed mathematically (for example in spreadsheets, diagrams, charts, formulas, etc.).
- 8.4 Communicate mathematical information effectively.

9. Scientific Literacy

Definition: Understanding scientific principles, and analyzing and applying scientific information in a variety of contexts.

Outcomes: Students will be able to . . .

- 9.1 Demonstrate an understanding of fundamental scientific concepts.
- 9.2 Demonstrate their understanding of the principles of scientific methods, analysis, and reasoning.
- 9.3 Analyze, apply, and communicate scientific concepts and principles in context (for example, in technological, personal, and/or professional situations).
- 9.4 Use scientific concepts and principles to understand the natural world, human behavior and culture, and relationships between humans and the rest of the natural world.
- 9.5 Demonstrate an understanding of the political and ethical issues in science.

10. Technology

Definition: Understanding the role of technology in society and using technology appropriately and effectively.

Outcomes: Students will be able to . . .

- 10.1 Demonstrate an understanding of the development and impact of technology in human experience (history, global, and local).
- 10.2 Demonstrate an understanding of legal, ethical, and environmental issues in the use and misuse of technology.
- 10.3 Use technology appropriate to the context and task to effectively retrieve and manage information, solve problems, and facilitate communication.
- 10.4 Demonstrate an understanding of the impact of technology in one's personal and professional life.