FUNDAMENTAL & GENERAL EDUCATION LEARING OUTCOMES

BARTON COMMUNITY COLLEGE

Contents

FUNDAMENTAL LEARNING OUTCOMES

Barton's Fundamental Learning Outcomes (FLOs), also referred to as Institutional Learning Outcomes (ILOs), direct not only the general education courses but also the entire curriculum. The FLOs relate the ability of a given subject to provide students with the knowledge, skills, and values which enable them to be productive in work, family, and community.

1. **Critical Thinking:** Study a given subject critically, including processes to analyze and synthesize important parts of the subject, ask appropriate and useful questions about the study of this subject, and solve problems within the subject area.

2. **Life-Long Learning:** Relate the relevance of a given subject to the individual student's life, to develop habits that encourage life-long, responsible, and independent learning, and to apply appropriate and useful knowledge of the values, conventions, and institutions within an academic discipline.

3. **Historical Perspective:** Describe how history works, including how historical perspective can strengthen understanding of a given academic subject, and how the history of human endeavor has helped develop that subject.

4. **Technological Perspective:** Explain how technologies affect important parts of human life and how information technologies shape the study of a given subject.

5. **Cultural Perspective:** Explain how culture develops through various aspects of human endeavor, how culture develops understanding of a given subject, and how a given subject develops within diverse cultures.

Historically, the Fundamental Learning Outcomes served as Barton's General Education Outcomes for several years. These outcomes were designed to ensure that all certificate and degree-seeking students learn the same general competencies even when taking different general education courses.

GENERAL EDUCATION OUTCOMES

Barton's General Education Learning Outcomes (GLOs), represent the knowledge, skills, or abilities students will have upon completion of a respective curriculum.

Zone 1: Foundation Courses

Sector A: Written and Oral Communication
- Effectively communicate in writing and speaking with clarity, coherence, and persuasiveness.
- Present and support ideas in an organized manner consistent with the intended audience and purpose in both speaking and writing.
- Locate and evaluate source information and incorporate it into their work in an ethical and legal fashion.
- Identify communication techniques for effective elicitation of information including listening, speaking, writing and body-language.

Sector B: Mathematical Reasoning
- Use empirical methods to determine and express relationships between properties or concepts.
- Solve problems by applying appropriate strategies and logical reasoning.

Sector C: Technological Skills
- Demonstrate technical knowledge and skills used in a digital-age work and learning environment in an ethical manner.
- Practice communication, problem solving and decision-making using appropriate technology.

Sector D: Global Issues and Diversity
- Analyze issues such as globalization, sustainability, multiculturalism, and prejudice (equality/inequality) within a society or culture.
- Explain how the diverse range of human differences influences the historical and current formation of artistic, economic, social, scientific, cultural, or political institutions.

Zone 2: Introductory Courses

Sector A: Arts and Humanities
- Effectively communicate in writing and speaking with clarity, coherence, and persuasiveness.
- Analyze and interpret artistic performances and works of art utilizing the historical and cultural context.
- Reflect on and explain the meanings of artistic works and performances.
- Demonstrate historical literacy and articulate a view of history as a series of historiographical discussions.
- Analyze and interpret the causes, course, and consequences of major events in history.
- Describe and evaluate the cultural perspectives within the human condition.
- Develop appreciation for other cultures through language and other forms of expression.
- Analyze and interpret literary texts, including their meanings, utilizing the historical and cultural context.

Sector B: Social Sciences
- Develop an understanding of the relation of self to world through investigations of social, cultural, economic, and political institutions in shaping human thought, value, and behavior.
- Identify various social factors that influence behavior at multiple levels of human interaction.
- Apply systematic and scientific strategies to examine current social issues and problems.
- Analyze how people's experiences and perspectives are shaped by social change or human behavior.

Sector C: Mathematics and Pure Science
- Use empirical methods to determine and express relationships between properties or concepts.
- Solve problems by applying appropriate strategies and logical reasoning.
- Using scientific facts and ideas, examine and predict multiple outcomes for various encounters.
- Explain major concepts related to living systems and the physical universe.

Sector D: Personal Well-Being
- Participate in activities that enhance social inclusion, self-expression, personal and professional development.
- Develop habits which promote individual health and well-being (physical, mental, and emotional).