

Florida Gateway College General Learning Outcomes

Communications: Demonstrate the ability to understand and be understood through effective reading, writing, speaking, and listening skills.

Student will demonstrate the ability to understand and respond to college level reading assignments through the application of effective reading skills.

Student will demonstrate the ability to understand and to produce effective writing.

Student will demonstrate the ability to apply effective listening skills.

Student will demonstrate the ability to understand and produce effective speaking.

Critical Thinking: Demonstrate the knowledge and ability to evaluate carefully and apply reasoning to differentiate between facts, inferences, assumptions and conclusions.

Student will demonstrate the ability to question and evaluate information (data, ideas or concepts) for accuracy, objectivity and quality.

Student will demonstrate the ability to analyze information (data, idea or concepts) in context to draw appropriate and well supported conclusions.

Student will demonstrate the ability to synthesize ideas from a variety of sources producing an original product.

Cultural Awareness: Demonstrate an awareness, understanding and appreciation of the interconnectedness of cultures within and across local, regional, state, national and global communities.

Student will acquire an awareness of cultural differences and/or interconnections based upon multiple perspectives of either culture outside their own or the interconnections of cultures, languages and/or nations at various levels, including international.

Student will demonstrate the ability to reflect upon cultural differences and/or interconnections, resulting in the formulation of their own responses to the culture or global issue and be able to relate such reflection through written or spoken analysis, contrast/comparison and informed deliberation.

Student will begin to develop greater tolerance and appreciation of cultural differences and/or interconnections and by extension begin to develop a global perspective, through the identification of positive elements in different cultures.

Information Literacy: Demonstrate the ability to locate, comprehend, evaluate and use information effectively and ethically.

Student will demonstrate the ability to locate relevant resource materials available in the library or through the Florida college system in either electronic or print format.

Student will demonstrate the ability to differentiate between reliable and unreliable Web sites and relevant subject databases provided through the library, and utilize reliable electronic web resources to support their beliefs, position, and/or argument.

Student will demonstrate the ability to use information derived from a variety of sources in accordance with the laws and guidelines of "Fair Use" and intellectual property rights.

Student will demonstrate the ability to gather information by using an internet search engine.

Quantitative Reasoning: Demonstrate the ability to use numerical, geometric and measurement data in computations and reasoning to draw logical conclusions and make well-reasoned decisions.

Student will demonstrate the ability to make necessary numeric conversions from measurements in both the US and Metric Systems.

Student will demonstrate the ability to interpret mathematical models such as formulas, graphs, tables, and to draw inferences from them.

Student will demonstrate the ability to estimate and check answers to problems in order to determine reasonableness, identify alternatives, and select optimal results.

Scientific Reasoning: Demonstrate the ability to apply empirical evidence to describe, understand and predict natural phenomena.

Student will demonstrate an understanding of fundamental scientific principles and their application to scientific research and to society.

Student will demonstrate the ability to utilize and apply technological data to understand natural phenomena.

Student will demonstrate the ability to apply these steps of the scientific method to solve problems by:

Observation of natural phenomena

Interpretation of the natural phenomena through formulation of a hypothesis which is a tentative explanation of the observed phenomena.

Acquisition of scientific data through experiment or continued observation.

Formulation of a conclusion to explain the results obtained and be able to modify that conclusion when new data is collected.

Student will demonstrate the ability to integrate ideas and concepts from different disciplines.