General Education Program

Goal I

Apply Scientific and Quantitative Reasoning

Scientific Reasoning

Criteria

Students at Arkansas Tech University who complete the science general education requirement will:

1. Identify hypotheses, classify relevant variables, and evaluate experimental design.
2. Formulate reasonable explanations of natural phenomena based on observations of both quantitative and qualitative data.
3. Recognize the power of the scientific process through its ability to provide ways to experimentally verify and predict natural phenomena.

Quantitative Reasoning

Criteria

Students at Arkansas Tech University who complete the mathematics general education requirement will:

1. Perform a quantitative analysis of a situation and make a decision based upon the outcome.
2. Understand information presented in graphical format.
3. Create a mathematical model of a real world situation.
4. Use mathematical formulae or processes in real world situations.

Goal II

Communicate Effectively

Written Communication

Criteria

Students at Arkansas Tech University who complete the written communication general education requirement will:

1. Gather thoughts and present them in a cohesive, written manner.
   (Criterion Service: Organization and Development)
2. Synthesize information into a collective argument.
   (Criterion Service: Style)
3. Use proper grammar.
   (Criterion Service: Grammar, Usage, and Mechanics)

Oral Communication

Criteria

Students at Arkansas Tech University who complete the spoken communication general education requirement will:

1. Verbally present thoughts in an organized manner.
2. Speak with confidence on a variety of subjects.
3. Adapt to multiple audiences including a professional audience.

Goal III

Develop Ethical Perspectives

Criteria

Students at Arkansas Tech University who complete the general education requirement will:

1. Exhibit integrity and reliability in individual action and institutional activities.
2. Practice principle-centered leadership.
3. Demonstrate responsibility when interacting with new technologies and information.

Goal IV

Demonstrate Knowledge of the Arts and Humanities

Criteria

Students at Arkansas Tech University who complete the arts and humanities general education requirement will:

1. Identify and analyze diverse cultural and historical factors in the creation of and response to works of art, music, theatre, film, or literature.
2. Evaluate the global significance of works of art, music, theatre, film, or literature to the human experience.
3. Identify ideas and arguments from literature or philosophy and relate them to the global context in which they were created.
4. Understand basic terms used to identify and describe diverse works of art, music, theatre, film, literature, or philosophy.

Goal V

Think Critically

Criteria

Students at Arkansas Tech University who complete the general education requirement will:

1. Identify an underlying argument.
2. Make reasonable inferences from an argument.
3. Assess the quality of evidence.
4. Identify the thesis and conclusions in an argument.

Goal VI

Understand Wellness Concepts

Criteria

Students at Arkansas Tech University who complete the wellness general education requirement will:

1. Describe the current wellness/ fitness status of the population.
2. Identify ways to improve wellness status.
3. Explain the benefits of a healthy lifestyle.

Goal VII

Civic Involvement

Criteria

Students at Arkansas Tech University who complete the civic involvement general education requirement will:

1. Reflect on how their attitudes and beliefs are different from diverse others and what they have learned about self and diverse others from the service experience.
2. Identify and apply knowledge (concepts, facts, theories) from the course to make relevant connections to civic engagement.
3. Provide evidence of experience in civic involvement activities.
4. Effectively communicate civic involvement experiences from an objective prospective.
5. Demonstrate leadership of civic action and achievement of civic purpose.