



ATU GENERAL EDUCATION GOALS AND ASSOCIATED LEARNING OUTCOMES

1. Communicate effectively
 - A. Written Communication
 1. Present written thoughts in a cohesive manner
 2. Synthesize information into a collective argument
 3. Use formal grammar and mechanics
 - B. Oral Communication
 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
2. Think critically
 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
3. Develop ethical perspectives
 - A. Diversity
 1. Identify examples of power and privilege
 2. Explain the impact of power and privilege in everyday life
 3. Describe personal beliefs, attitudes, and biases about people whose experiences, histories, cultures, and appearances are different than one's own
 - B. Empathy
 1. Model empathy
 2. Apply empathy to change behavior and build better relationships
 - C. Leadership
 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
4. Apply scientific and quantitative reasoning
 - A. Scientific Reasoning --- *recognize the power of the scientific process through its ability to provide ways to experimentally verify and predict natural phenomena*
 1. Identify hypothesis,
 2. Classify relevant variables
 3. Evaluate experimental design
 4. Formulate reasonable explanations of natural phenomena based on observations of both quantitative and qualitative data
 - B. Quantitative Reasoning --- *use mathematical formulae or processes in real world situations*
 1. Perform a quantitative analysis of a situation
 2. Make a decision based upon the outcome of a quantitative analysis of a situation
 3. Analyze information presented in a graphical format
 4. Create a mathematical model of a real world situation
5. Apply the value of the arts and humanities
 1. Identify ideas represented in art, music, theatre, film, literature, or philosophy
 2. Relate ideas in art, music, theatre, film, literature, or philosophy to the global context in which they were created
 3. Interpret the global significance of works of art, music, theatre, film, literature, or philosophy to the human experience
6. Practice Civic Engagement
 1. Recognize the potential for individual civic action to affect change
 2. Construct a personal vision of a civic pathway
 3. Lead organizations/projects in planning and implementing public participation that address local community needs, issues, and problems