General Education Student Learning Outcomes

I. Foundational Skills
   A. Core Communications
      1. Discover, explore, and analyze ideas, taking into account diverse sources and viewpoints; present the results in writing with attention to appropriate genre, audience expectations, and rhetorical conventions.
      2. Demonstrate both a) proficiency in oral discourse in a variety of formats and b) the ability to evaluate oral presentations according to established criteria.
   B. Mathematical Modeling
      3. Solve problems and be able to make inferences by application of appropriate mathematical models
      4. Be able to create appropriate mathematical models such as graphs, tables and equations.

II. Areas of Knowledge
   A. Natural, Quantitative, and Information Sciences
      5. Demonstrate the ability to explain and use natural scientific vocabulary and concepts, the ability to describe methods applicable to answering scientific questions, and the ability to articulate criticism of scientific debates and discoveries.
      6. Demonstrate the ability to obtain, analyze, interpret and criticize qualitative observations and quantitative measurements to explain natural phenomena and to test hypotheses.
      7. Perform the basic operations of personal computer use and critically assess technological worth; filter, analyze, and critique information and experience.
   B. Arts and Humanities
      8. Demonstrate an understanding and appreciation of the complexity of the human experience, the arts and aesthetics, and the great ideas and cultures of the world.
      9. Interpret and critically evaluate the creative products of human expression.
   C. Social and Historical Studies
      10. Understand the methods social scientists use to explore social phenomena; describe forces (e.g. economic, social, political) that influence behavior.
      11. Understand how people have existed, acted and thought in the past in various parts of the world; describe the social and historical forces that impacted them and how those forces might influence contemporary society.

III. Modes of Inquiry
   A. World Languages and Cross-Cultural Inquiry
      12. Demonstrate both a) an understanding and appreciation of the complexity of world cultures and b) the ability to think transnationally or transculturally about social, political, economic, aesthetic, or technological issues.
   B. Researched Writing
      13. Demonstrate the ability to determine the nature and extent of research materials needed, evaluate information and sources critically, and write persuasively through the effective use of evidence derived from appropriate sources.
   C. Ethical Inquiry
      14. Demonstrate personal and social responsibility by using knowledge in the service of society.
15. Demonstrate ethical reasoning; convey understanding of how ethical issues and values frame and shape human conduct and ways of life.