Bachelor of Arts in Computer Systems

Program Educational Objectives and Student Outcomes

Program Educational Objectives

The graduates of the Computer Systems program will have the following characteristics 3 to 5 years after graduation:

- Be able to apply solve computing problems appropriate to their current work environment.
- Communicate effectively in both written and oral forms.
- Engage in lifelong learning to stay current in their profession.
- Demonstrate competence, integrity and responsibility in diverse work environments.

Student Outcomes

By the time of graduation, student outcomes should include the following.

A. An ability to apply knowledge of computing and mathematics appropriate to the discipline.
B. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
C. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
D. An ability to function effectively on teams to accomplish a common goal
E. An understanding of professional, ethical, legal, security and social issues and responsibilities.
F. An ability to communicate effectively with a range of audiences.
G. An ability to analyze the local and global impact of computing on individuals, organizations, and society.
H. Recognition of the need to and an ability to engage in continuing professional development.
I. An ability to use current techniques, skills, and tools necessary for computing practice.
J. An ability to apply design and development principles in the construction of software systems of varying complexity.