

Student Learning Outcomes for Academic Programs

A.A.S. in Computer Information Systems

Catalog Year 2017-18

General Education Outcomes

1. Communicate effectively through written and oral forms
2. Use analytical reasoning to identify issues or problems and evaluate evidence in order to make informed decisions
3. Reason quantitatively as required in various fields of interest and in everyday life
4. Apply information management and digital technology skills useful for academic research and lifelong learning
5. Discipline specific outcomes: A robust general education is founded on the knowledge, concepts, methods and perspectives that students gain through study of the social sciences and history, the natural sciences, the arts and the humanities. These disciplinary studies stimulate intellectual inquiry, global awareness, and cultural and artistic appreciation; they equip students to make informed judgments and engage with life beyond the classroom.
 - a. Apply concepts and perspectives from history or the social sciences to examine the formation of ideas, human behavior, social institutions, or social processes and to make informed judgments
 - b. Apply concepts and methods of the natural and physical sciences to examine natural phenomena and to make informed decisions
 - c. Apply aesthetic and intellectual criteria to examine or create works in the humanities and the arts and to make informed judgments

Program Outcomes

- A. Integrate knowledge and skills in computer information systems
- B. Make ethical judgements while recognizing multiple perspectives
- C. Work collaboratively to accomplish learning objectives
- D. Use business application software and analytical reasoning and apply technological tools to solve business problems by creating and analyzing databases, developing and evaluating spreadsheets, and constructing web pages
- E. Create solutions to business problems by writing computer programs and mobile applications using modern programming languages
- F. Use technical tools and analytical reasoning to implement solutions to business problems by managing operating system and networking software and creating a secure computer environment
- G. Use foundational business principles to evaluate and solve problems for accounting, business management, and statistics