

# COMPUTER INFORMATION TECHNOLOGY, B.A.

## Program Learning Outcomes

- Students will be able to identify and evaluate information technology infrastructure necessary to meet an organization's business needs.
- Students will be able to develop, plan and evaluate appropriate processes for managing information systems and information technology projects.
- Students will be able to design, develop, and evaluate software solutions to meet an organization's business needs.
- Students will be able to apply their technical knowledge to solve problems.
- Students will be able to speak about their work with precision, clarity and organization (Oral Communication)
- Students will be able to write about their work with precision, clarity and organization (Written Communication)
- Students will collaborate effectively in teams.
- Students will be able to identify, locate, evaluate, and effectively and responsibly use and cite information for the task at hand (Information Literacy).
- Students will be able to gather relevant information, examine information and form a conclusion based on that information (Critical Thinking).
- Students will be able to understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning).
- Students will understand the professional, ethical, legal, security, and social issues and responsibilities that come with the implementation and use of information technology.

### Graduates will be prepared for:

- entry level careers in information technology in business, government, and the non-profit sector; and
- graduate study in information technology and related fields.

## Program Prerequisite

A passing grade in a college level computer concepts course, equivalent technology course, or sufficient technology work experience. Students who do not meet this requirement may take the CIT 1053 IT Fundamentals course to meet the program prerequisite. This course will be offered online for students who need to take the course prior to enrolling in the program.

- CIT 1053 - IT Fundamentals (3)

Code	Title	Units
<b>Required Courses</b>		
BST 3004 (B,C,J,L, Biblical Perspectives (GE)		4
CIT 2034	Fundamentals of Computer Hardware and Operating Systems	4
CIT 2061	IT Fundamentals Exam Prep <sup>1</sup>	1
CIT 2071	A+ Core 1 Exam Prep <sup>1</sup>	1
CIT 2081	A+ Core 2 Exam Prep <sup>1</sup>	1
CIT 3014	Networking	4

CIT 3024	Security and Information Assurance	4
CIT 3034	Project Management	4
CIT 3054	Database Design	4
CIT 3064	Web Design and Scripting	4
CIT 3074	Cloud Computing	4
CIT 4014	Web Programming	4
CIT 4024	Visual Programming	4
CIT 4034	Management of Information Systems	4
CIT 4081	Information Technology Project	1
Choose two (2) units from the following:		2
CIT 1041	Intermediate Excel	
CIT 3021	Network+ Exam Prep	
CIT 3031	Security+ Exam Prep	
CIT 3041	Project+ Exam Prep	
CIT 3081	Cloud+ Exam Prep	
CIT 4071	Information Technology Practicum	
<b>Total Units</b>		<b>50</b>

<sup>1</sup> Students who already have this certification will be allowed to substitute an alternative one-unit class.

**Note(s):** Up to 13 units of approved coursework may be transferred into this major.