

COMPUTER INFORMATION TECHNOLOGY, B.A. (HYBRID)

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 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 understand and create arguments supported by quantitative evidence, and they can clearly communicate those arguments in a variety of formats (Quantitative Reasoning).
- Students will collaborate effectively in teams.
- Students will understand the professional, ethical, legal, security, and social issues and responsibilities that come with the implementation and use of information technology.

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 must complete an approved college-level computer concepts course or computer technology course before starting the program. Computer courses focusing on office automation tools, such as Microsoft Word or Excel, do not meet the requirement. Please contact an admissions counselor for further information.

Because CIT 2034, CIT 3014, and CIT 3024 are not offered through the MiraCosta program, students starting the program on the MiraCosta campus will need to pass Computer Hardware/Operating Systems, Networking, and Cyber Security courses, plus an additional three (3) units of IT coursework at another college or university and take one extra unit of upper-division CIT coursework.

Code	Title	Units
Required Courses		
CIT 2034	Fundamentals of Computer Hardware and Operating Systems	4
CIT 2061	Tech+ Exam Prep ¹	1
CIT 2071	A+ Core 1 Exam Prep ¹	1
CIT 2081	A+ Core 2 Exam Prep ¹	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 3021	Network+ Exam Prep	
CIT 3031	Security+ Exam Prep	
CIT 3041	Project+ Exam Prep	
CIT 3081	Cloud+ Exam Prep	
CIT 4071	Information Technology Practicum	
CST 1000	Introduction to the Christian Tradition (GE)	3
Total Units		49

¹ 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.