

PROJECT MANAGEMENT SPECIALIZATION - COMPUTER INFORMATION SYSTEMS TECHNOLOGY, BACHELOR OF APPLIED SCIENCE

Program Code: CTBSPMCT
Meta-Major: STEM
Location(s): Melbourne, Online
Delivery Method(s): On-Campus, Online
Previous Degree Required: AS/AA
Eligible for Financial Aid: Yes
Additional Limited Access Application Process Required: No
Program Testing Requirements:
Classification of Instructional Programs (CIP) Code: 11.0401
Florida Department of Education CIP Code: 1101104011

Students can only select one major and one specialization. Students may receive a specific A.S./B.A.S. degree only one time. While students may take courses from multiple specializations, however, the degree will be awarded only once.

The Computer Project Management Bachelor's Degree specialization at Eastern Florida State College prepares students for a role in management to include planning, coordinating and directing computer-related activities. [Visit the program page for more details and how to apply.](#)

Specialization Requirements

Code	Title	Credit Hours
Associate Degree		
	Complete Associate Degree	60
General Education or Technical Concentration		
	General Education (for A.S. degree students) or Technical Concentration (for A.A. degree students) ¹	21
Computer Information Systems Technology - Major Courses		
GEB 3213	Foundations of Managerial Communications	3
ISM 3011	Introduction to Information Technology Management	3
ISM 4300	Information Systems Operations Management	3
MAN 4504	Operational Decision Making	3
Project Management Specialization		
CIS 3510	Advanced I.T. Project Management	3
COP 3330	Object Oriented Programming	3
COP 3703	Database Design and Architecture	3
ISM 3113	Information Systems Analysis and Design	3
ISM 3320	Information Systems Control	3
ISM 4314	Project and Change Management for Technology	3
Specialization Electives Choose 9 Credits		
CEN 4722	Human Computer Interaction	
CEN 4949	Internship	
CNT 3406	Information Security Management	
ISM 3324	Applications in Information Security	

ISM 4041	Emerging Information Technologies	Total Credit Hours
		120

¹
 The BAS in Computer Information Systems Technology has two Common Program Prerequisites. These courses must be completed before being admitted to 3000 and 4000 level courses and students will need to earn a grade of "C" or higher:
 Students must take STA 2023 Statistics and COP 2334 Introduction to C++ Programming.

Important Notes: The prerequisite for STA 2023 is MGF 1106 or MAC 1105 with a grade of "C" or higher. MAC 2311 is the alternate approved course to STA 2023. No other substitutions are permitted. The prerequisite for COP 2334 is COP 1000. The Common Program Prerequisite, COP 2334 may also be satisfied by any COP Computer Programming course. No other course substitutions are permitted

Learning Outcomes: Computer Project Management BAS

- Systematically analyze data to improve organizational input and output processes, productivity and quality of work for users.
 - Supports Core Ability: Process Information
- Demonstrate the ability for planning, implementing, and operating an information systems.
 - Supports Core Ability: Think Critically and Solve Problems
- Demonstrate the ability for planning, budgeting, organizing, scheduling, and risk management for software projects.
 - Supports Core Ability: Process Information
- Demonstrate comprehensive understanding for information and network security; planning, risk management, security technologies, and personnel.
 - Supports Core Ability: Think Critically and Solve Problems
- Analyze the security, integrity, availability, subject privacy, licensing, copyright, and access management requirements for an information systems.
 - Supports Core Ability: Process Information
- Apply techniques for storage and retrieval of data to support the organization's functional units and external customers.
 - Supports Core Ability: Process Information
- Demonstrate working knowledge of change management strategies and tools.
 - Supports Core Ability: Process Information
- Apply tools and techniques for mitigating security breaches in the Software Development Life Cycle (SDLC), considering security and privacy concerns in establishing system requirements, analysis and design artifacts, source code, quality assurance testing plans, installation and deployment strategies, and maintenance techniques.
 - Supports Core Ability: Think Critically and Solve Problems