

INFORMATION TECHNOLOGY MANAGEMENT (GRADUATE CERTIFICATE)

Description

The Information Technology Management graduate certificate is tailored for professionals who hope to master the complexities of managing technology-driven organizations. This program takes a deep dive into IT management, preparing students to lead teams, drive innovation, and strategically manage information systems in today's rapidly evolving technological landscape. Students completing this certificate program will gain a comprehensive understanding of organizational leadership, project management, information security, and emerging technologies, empowering them to excel in managing IT roles.

Requirements

Minimum Credit Requirement: 12 Credits

Minimum GPA Requirement: 3.0

Graduate credit is only granted for courses completed with a grade of B– or higher.

Code	Title	Credits
Required Courses		
CMPL 801	Principles of Information Technology for IT Managers	3
CMPL 820	Information Privacy, Security, and Continuity	3
CMPL 825	Designing and Analyzing Information Systems	3
Electives		
Select one course from the following:		3
CMPL 802	Managing Virtualization and Cloud Systems	
CMPL 810	Current and Emerging Technologies	
CMPL 815	Managing Artificial Intelligence	
Total Credits		12

Student Learning Outcomes

Program Learning Outcomes

Students will have the opportunity to:

- Demonstrate proficiency in applying computing principles, programming methodologies, and analytical techniques to develop, secure, and optimize technology solutions.
- Utilize data analysis, security assessments, and software development strategies to evaluate, design, and implement effective solutions in various computing environments.
- Analyze and apply ethical, legal, and professional standards in the development, security, and management of technology solutions, ensuring compliance with industry best practices.
- Communicate technical concepts effectively and collaborate within multidisciplinary teams to develop and deploy computing solutions that address business and societal needs.