



Pre-Baccalaureate Certificate

Information Security & Risk Management Certificate

• CIP code 111003 • 27 credits, 3 terms

Program Description — The Information Security & Risk Management Certificate consists of 9 online or on-site courses focused on providing every student with a solid foundational knowledge of how to identify, quantify, respond and maintain IT risk, business continuity, regulatory and compliance protocols for an organization..

Learning Outcomes — Upon completion of the Information Security & Risk Management certificate, students will be able to:

- Identify and evaluate cyber security risks and threats
- Discern the risk appetite of an organization or business
- Design and develop IT risk and cyber security programs using industry frameworks and methodologies
- Understand the legal, policy and regulatory implications for cybersecurity
- Formulate an effective communication strategy by acquiring, evaluating, organizing, managing, and interpreting information

Careers — Graduates of the Information Security & Risk Management Certificate program will be prepared for employment in a variety of industries including Healthcare, Manufacturing, Financial Services, Government Agencies, Education, and Retail. An Information Security and Risk Management Certificate from Cambridge College qualifies you for in-demand positions, such as:

- Cybersecurity Analyst
- IT Audit and Risk Manager
- Security Consultant
- Security Operations Center (SOC) Analyst
- Security & Risk Compliance Analyst
- Cybersecurity Specialist
- and more

Courses can be taken online or on-site.

Courses 27 credits

Term 1 Spring

Introduction to Cybersecurity

CMP250 Fundamentals of Cybersecurity

CMP255 Information Security Foundations

CMP280 Introduction to Computer and Network Security Essentials

Term 2 Fall

Governance, Risk & Compliance

CMP302 Cybersecurity Governance Frameworks

CMP323 Digital Law - Privacy Policies, Regulations, Ethics

CMP331 Cybersecurity Audit & Risk Management

Term 3 Spring

Communications & Data Handling

CMP350 Cybersecurity Communications

CMP455 Protecting and Handling Data

CMP460 Risk Response & Monitoring

All courses 3 credits except as noted.