

Cybersecurity Courses for Business & Marketing Students

Information Technology Courses

Cyber Security Fundamentals	9-12 Grade
Computer Information Systems (CIS)-MS Office	9-12 Grade
Advanced CIS-Advanced MS Office Prerequisite: CIS	10-12 Grade
Cybersecurity in Marketing Prerequisite: Cyber Security Fundamentals	10-12 Grade
Cyber Software Operations Prerequisite: Cyber Security Fundamentals	10-12 Grade

Top 6 Careers in Cybersecurity



Chief Information Security Officer -
CISO

Security Architect

Cybersecurity Engineer

Malware Analyst

Penetration Tester

Computer Forensics Analyst

Introduction to Cybersecurity

894101 Grade(s): 9-11

Credit: 1

Prerequisite: None

Cybersecurity affects every individual, organization, and nation. This course focuses on the evolving and all-pervasive technological environment with an emphasis on securing personal, organizational, and national information. Students will be introduced to the principles of cybersecurity, explore emerging technologies, examine threats and protective measures, and investigate the diverse high-skill, high-wage, and high-demand career opportunities in the field of cybersecurity.

This course counts as an elective credit.

Computer Information Systems

828001 Grade(s): 9-12

Credit: 1



Prerequisite: Keyboarding Proficiency

Computer Information Systems provides students with opportunities to develop professional level skills in a project-oriented approach through the use of the Microsoft Office software package. Students apply problem-solving skills to real-life situations through word processing, spreadsheets, databases, multimedia presentations, and integrated software activities. Students work individually and in groups to explore computer concepts, operating systems, networks, telecommunications, and emerging technologies. Students may also become eligible to test for the associate level of Microsoft Office Specialist certifications.

This course counts as an elective credit.

Advanced Coursework:

Advanced Computer Information Systems

828002 Grade(s): 10-12

Credit: 1



Prerequisite: Computer Information Systems

This advanced course provides students with basic comprehension of the Microsoft Office software package and an opportunity to refine their skills through a variety of project and research activities. Students apply problem-solving skills to real-life situations through advanced integrated software applications, including printed, electronic, and web publications. Students work individually and in groups to explore advanced computer maintenance activities, website development, programming, networking, emerging technology, and employability skills. Students may also become eligible to test for the expert level of **Microsoft Office Specialist certifications**.

Cybersecurity Marketing

894102 Grade(s): 10-12

Credit: 1 Prerequisites: Intro Cybersecurity or Intro to Business and Marketing

Cybersecurity in Marketing focuses on cybersecurity fundamentals, threats and vulnerabilities, and data security and ethics. Students will be introduced to issues such as risk management, privacy assurance, and data analytics, while also exploring brand protection and marketing breaches. Career opportunities in the field of cybersecurity in marketing are also investigated.

Industry Certification Test: IC3



Cybersecurity Operations

894103 Grade(s): 10-12

Credit: 1 Prerequisites: Intro Cybersecurity or Computer Information Systems

Cybersecurity Operations is designed to teach computer and network administration and security. Students learn cybersecurity concepts, including the practice of protecting systems, networks, and programs from digital attacks. Cybersecurity is defined as the steps and processes taken to protect networks, devices, programs, and data from unauthorized access that can result in theft or damage. Students learn to establish, implement, and maintain security networks.

Industry Certification Test: CompTia IT Fundamentals

