



**SAFEGUARD YOUR JOB
AND ORGANIZATION
WITH A**

**CYBERSECURITY
CERTIFICATE**

WHY EARN A CYBERSECURITY CERTIFICATE?

Cybersecurity is the protection of data and personally identifiable information from malicious attacks. Organizations and governments are constantly monitoring and fending off cyber attacks to varying degrees of success. Failure to uphold and strengthen cybersecurity policies has resulted in significant visibility and negative publicity. As organizations increasingly store data digitally, the need for cybersecurity professionals is greater than ever.

WHAT WILL I LEARN?

Completing our online cybersecurity certificate prepares you to:

- Understand the key principles and terminology of information security governance and risk management
- Describe the role of policy and procedure documents in information security
- Identify common information security risks and threats
- Prepare a business continuity plan and disaster recovery plan
- Create substitution ciphers and encode and decode cleartext and ciphertext
- Identify common protocols and differentiate between network, routing, and data link protocols
- Compare different security controls, explain how they work, and apply them to underlying vulnerabilities
- Describe different application and operating environments
- Learn about data and information privacy and how to protect privacy
- Compare different data retention and destruction methods

For more information and a complete list of courses, visit:

CAREER PATHS

The U.S. Bureau of Labor Statistics (BLS) expects that overall employment of information security analysts is projected to grow 32 percent from 2022 to 2032, much faster than the average for all occupations. About 16,800 openings are projected each year, on average, over the decade.

Common cybersecurity career paths or growth opportunities include:

Information Security Analysts

Information security analysts plan and implement security measures to protect an organization's computer networks and systems. They will likely be involved in developing security standards and best practices for their organizations, as well as recommend security enhancements to management. As organizations focus on enhancing their cybersecurity, they will need these analysts to secure new technologies and procedures from outside threats and hacks.

Computer and Information Systems Managers

Computer and information systems managers plan and coordinate computer-related activities, such as helping to determine the information technology goals of an organization. They are also responsible for ensuring the security of an organization's network and electronic documents and recommending technological upgrades to management.

Network and Computer Systems Administrators

Network and computer systems administrators maintain network and computer system security. They protect organizations by installing, configuring, and maintaining organizations' servers, operating systems, local area networks (LANs), wide area networks (WANs), and data communication networks. These administrators are usually responsible for adding users to a network, training users on the organization's systems, and assigning security permissions.

The Certificate in Cybersecurity is available 100% online.

The courses included in this certificate carry:

PMI PDUs | IACET CEUs | HRCI Credits | ATD CI Credits | SHRM PDC

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