



Cybersecurity Courses

With more people and devices connecting to the network, cybersecurity professionals are in high demand. Reports of cyber attacks and espionage are frequently in the news, and cybersecurity is a hot topic in almost every organization. As a result, there is unprecedented demand for cybersecurity knowledge and skills with a global **shortage of 6 MILLION cybersecurity professionals expected by 2023!**

Our Cybersecurity learning portfolio spans from the core to the edge of the network, teaching valuable cybersecurity skills on the latest technologies. Our courses prepare students for entry-level jobs, launching them into exciting and lucrative cybersecurity careers.

Course	Introduction to Cybersecurity	Cybersecurity Essentials
Course Overview	Explores cyber trends, threats, staying safe in cyberspace, and protecting personal and company data.	Covers foundational knowledge and essential skills for all cybersecurity domains including information security, systems security, network security, ethics and laws, and defense and mitigation techniques used to protect businesses.
Benefits	Teaches how to protect personal data and privacy online and in social media. Discusses why more IT jobs require cybersecurity knowledge and understanding.	Recommended for students planning to study any CCNA certification. Course provides foundational security skills for entry-level networking and security roles.
Target Audience	Secondary and 2-year college students, general audience	Secondary, 2-year and 4-year college vocational students
Prerequisites	None	Introduction to Cybersecurity
Certification	No	No
Additional Details	<ul style="list-style-type: none"> • No ASC alignment required • No instructor training required • Instructor-led or self-paced • 15 hours 	<ul style="list-style-type: none"> • No ASC alignment required • No instructor training required • Instructor-led or self-paced • 30 hours
Next Course(s)	Cybersecurity Essentials	CCNA Cybersecurity Operations, CCNA: Introduction to Networks (ITN)

Networking Academy Cybersecurity Courses



Course	CCNA Cybersecurity Operations	CCNA Security	IoT Security
Course Overview	Introduces core security concepts and emphasizes practical application of skills needed to monitor, detect, analyze, and respond to cybercrime, cyberespionage, insider threats, advanced persistent threats, regulatory requirements, and other cybersecurity issues facing organizations.	CCNA Security introduces the core security concepts and skills needed to troubleshoot and monitor computer networks and ensure the integrity of devices and data. Course emphasizes the practical application of the skills needed to design, implement, and manage network security systems.	The explosive growth of connected IoT devices enables the digitization of industries, but also increases the exposure to security threats. Upon completion students perform vulnerability and risk assessments, and research and recommend risk mitigation strategies for common security threats in IoT systems.
Benefits	Prepares students with knowledge and skills for a career in the rapidly growing field of cybersecurity operations, working in or with a security operations center (SOC) in an entry-level role.	Prepares students interested in building security and data protection expertise for CCNA Security training credential or jobs as network security specialists.	Prepares students seeking a career in the rapidly growing IoT and security domains with practical tools and skills relevant across IoT and other network architectures.
Target Audience	2-year and 4-year college students	2-year and 4-year college students in Networking or Engineering programs	Vocational, 2-year and 4-year College, 4-Year University students
Prerequisites	None	CCNA: Introduction to Networks (ITN), CCNA: Switching, Routing, and Wireless Essentials (SRWE)	IoT: Connecting Things, and knowledge equivalent to Networking Essentials and Cybersecurity Essentials courses
Certification	CCNA Cyber Ops Certification	Training Credential	No
Additional Details	<ul style="list-style-type: none"> • ASC alignment required • Instructor training required • Instructor-led • 70 hours 	<ul style="list-style-type: none"> • ASC alignment required • Instructor training required • Instructor-led • 70 hours 	<ul style="list-style-type: none"> • ASC alignment required • Instructor training required • Instructor-led • 50 hours
Next Course(s)	CCNA: Introduction to Networks (ITN)	CCNP R&S: ROUTE	CCNA: Introduction to Networks (ITN)