

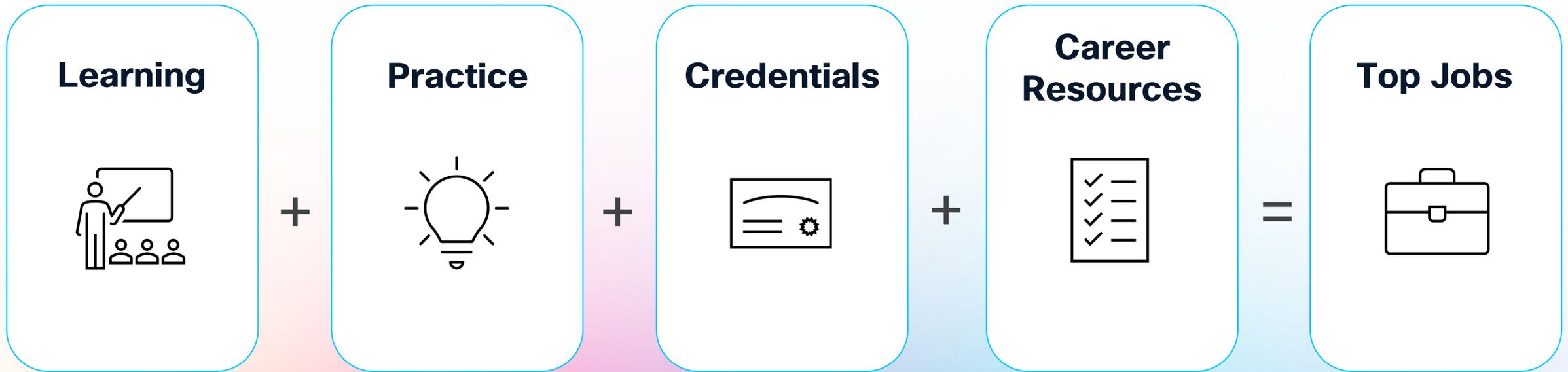
Learning Portfolio Overview

Cisco Networking Academy



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Empowering all people with career possibilities



Cisco Networking Academy offers top-notch, practical curriculum designed with the end in mind: the skills required for success in a job role.

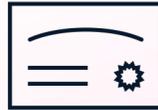
Types of learning offerings



Module

A short learning component focused on a specific learning objective.

Modules can be used on their own or as a supplement to a Course or Career Path.



Course

A series of lessons designed to meet a set of learning objectives about a subject.

Courses include formative assessments and a final exam. Most courses have a digital badge.



Career Path

A clear progression of courses or modules to prepare learners with the skills and knowledge needed for a specific job role and industry certification.

Career Paths are designed with the end in mind: the skills required for success in a job role.



Learning Collection

A group of courses or modules to build knowledge on a topic. Learners gain transferable skills for a variety of job roles.

Learning Collections can complement a Career Path to develop additional breadth of knowledge or stand on their own for delving into a topic.

Flexible course delivery options



Self-paced

- On-demand, engaging experiences
- Great for independent learners, learning guided by a mentor, or hybrid learning approaches



Instructor-led

- Pre-built teaching content, activities, and labs
- Educators can customize and add their own content
- Great for in-class, virtual, or hybrid teaching

Industry-recognized credentials to verify skills



Digital Badges

Most Cisco Networking Academy courses or career paths include a digital badge.

These digital credentials verify that a learner has successfully completed the criteria to earn the badge.

Digital badges issued by Cisco are completely free and easy to share on a resume, website, or social media.



Certifications

The Cisco Networking Academy portfolio prepares learners for industry certifications in cybersecurity, networking, programming, and even English for IT.

With progression paths starting from entry-level, learners get clear achievable milestones to help them get started and grow their tech career.

Exam discounts are available for select certifications for qualifying Cisco Networking Academy students.

Networking

Course Overview

The first course in the CCNA curriculum introduces the architectures, models, protocols, and networking elements that connect users, devices, applications and data through the Internet and across modern computer networks - including IP addressing and Ethernet fundamentals.

Benefits

Learn to build simple local area networks (LAN) that integrate IP addressing schemes, foundational network security, and perform basic configurations for routers and switches.

- ✓ Develop skills for entry-level networking jobs
- ✓ Prepare for CCNA certification exam
- ✓ Fulfill prerequisites to pursue more specialized networking skills

Course Details

Target Audience: Secondary vocational students, 2-year and 4-year college students in Networking or Engineering programs

Estimated Time to Completion: 70 hours

Prerequisites: None

Course Delivery: Instructor-led

Learning Component Highlights:

- 17 modules and 24 practice labs
- 31 Cisco Packet Tracer activities
- 120+ interactive activities, videos, & quizzes
- 1 final exam

Course Recognitions: Digital Badge

Certification Aligned: Cisco Certified Networking Associate

Recommended Next Course:

CCNA: Switching, Routing, and Wireless Essentials (SRWE)



Requirements

- ASC Alignment: Required
- Instructor Training: Required
- Physical Equipment: Required

CCNA: Switching, Routing, and Wireless Essentials (SRWE)

Course Overview

The second course in the CCNA curriculum focuses on switching technologies and router operations that support small-to-medium business networks and includes wireless local area networks (WLAN) and security concepts.

Benefits

Students learn key switching and routing concepts. They can perform basic network configuration and troubleshooting, identify and mitigate local area network (LAN) security threats, and configure and secure a basic WLAN.

- ✓ Develop skills for entry-level networking jobs
- ✓ Prepare for CCNA certification exam
- ✓ Fulfill prerequisites to pursue more specialized networking skills

Course Details

Target Audience: Secondary vocational students, 2-year and 4-year college students in Networking or Engineering programs

Estimated Time to Completion: 70 hours

Prerequisites: None

Course Delivery: Instructor-led

Learning Component Highlights:

- 16 modules and 14 practice labs
- 31 Cisco Packet Tracer activities
- 70+ interactive activities, videos, & quizzes
- 1 final exam

Course Recognitions: Digital Badge

Certification Aligned: Cisco Certified Networking Associate

Recommended Next Course:

CCNA: Enterprise Networking, Security, and Automation (ENSA)



Requirements

- ASC Alignment: Required
- Instructor Training: Required
- Physical Equipment: Required

CCNA: Enterprise Networking, Security, and Automation (ENSA)

Course Overview

The final course in the CCNA series covers the architecture, security, and operation of an enterprise network, along with introducing the new ways in which network engineers interact with programmable infrastructure.

Benefits

Gain skills to configure and troubleshoot enterprise networks, learn to identify and protect against cybersecurity threats, and discover key concepts of software-defined networking, including controller-based architectures and application programming interfaces (APIs).

- ✓ Develop skills for entry-level networking jobs
- ✓ Prepare for CCNA certification exam
- ✓ Fulfill prerequisites to pursue more specialized networking skills

Course Details

Target Audience: Secondary vocational students, 2-year and 4-year college students in Networking or Engineering programs

Estimated Time to Completion: 70 hours

Prerequisites: None

Course Delivery: Instructor-led

Learning Component Highlights:

- 14 modules and 12 practice labs
- 29 Cisco Packet Tracer activities
- 100+ interactive activities, videos, & quizzes
- 1 practice certification exam

Course Recognitions: Digital Badge

Certification Aligned: Cisco Certified Networking Associate

Recommended Next Course:
CCNP Enterprise: Core Networking (ENCOR)



Requirements

- ASC Alignment: Required
- Instructor Training: Required
- Physical Equipment: Required

Cybersecurity

Course Overview

This course introduces the core security concepts and skills needed to monitor, detect, analyze, and respond to cybercrime, cyberespionage, insider threats, advanced persistent threats, regulatory requirements, and other cybersecurity issues facing organizations.

Benefits

Gain practical, hands-on skills needed to maintain and ensure security operational readiness of secure networked systems.

- ✓ Develop skills for entry-level security operations center (SOC) jobs
- ✓ Prepare for Cybersecurity Associate certification
- ✓ Pursue a career in cybersecurity operations, a rapidly-growing, exciting new area that spans all industries

Course Details

Target Audience: Students enrolled in technology degree programs at higher education institutions; IT professionals who want to pursue a career in Security Operations

Estimated Time to Completion: 70 Hours

Prerequisites: None

Recommended Preparation: Introduction to Cybersecurity, Cybersecurity Essentials

Course Delivery: Instructor-led

Learning Component Highlights:

- 28 chapters and 46+ practice labs
- 6 Cisco Packet Tracer activities
- 113 interactive activities, videos, & quizzes
- 1 practice certification exam

Course Recognitions: Digital Badge

Certification Alignment: Cisco Certified Cybersecurity Associate

Recommended Next Course: Network Security, Ethical Hacker



Requirements

- ASC Alignment: Required
- Instructor Training: Required
- Physical Equipment: Not required

