Learning Portfolio Overview

Cisco Networking Academy

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Empowering all people with career possibilities

Learning + **Practice** + **Credentials** + **Career Resources** = **Top Jobs**
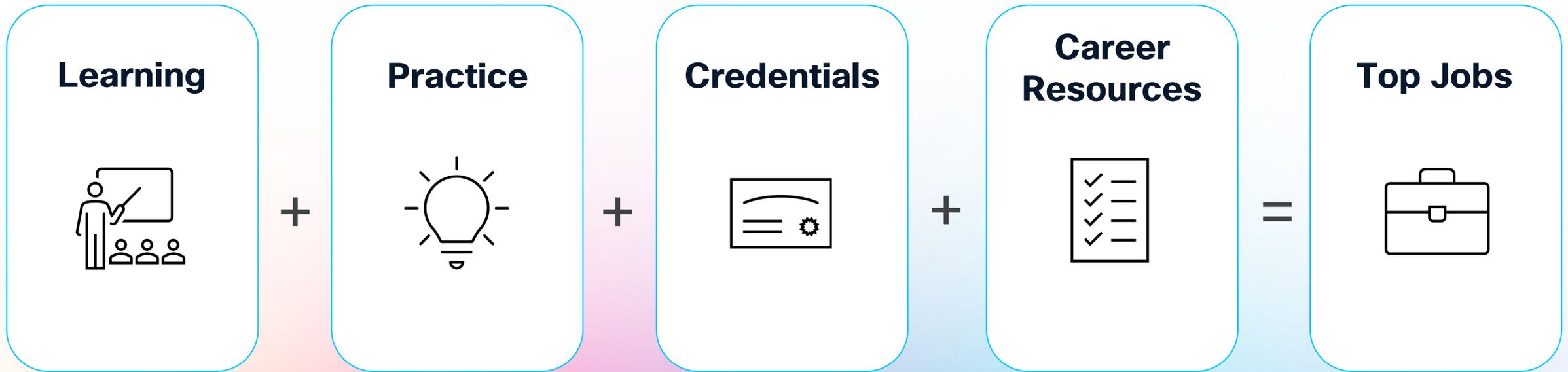
Cisco Networking Academy offers top-notch, practical curriculum designed with the end in mind: the skills required for success in a job role.
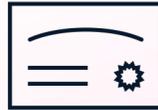
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Types of learning offerings

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.

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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

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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.

AI & Data Science

Introduction to Modern AI

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Course Overview

This interactive course covers the basics of AI through free AI-enabled apps. Topics include the basics of computer vision, machine translation, and chatbots. Students learn how chatbots work, gain tips for writing better prompts, and explore ways to apply chatbots for personal use and productivity.

Benefits

AI-enabled apps are revolutionizing the way we work and learn, with millions worldwide using them to simplify everyday tasks. Teaching students practical AI skills can foster innovation and enhance their future AI readiness.

- ✓ Write effective chatbot prompts.
- ✓ Teach computer vision with a photo app.
- ✓ Apply machine translation using an online translation tool.
- ✓ Practice 16 prompting exercises, with 10+ popular chatbots and AI tools.
- ✓ Learn how chatbots are used in seven key-ways: *Expand*, *Synthesize*, *Transform*, *Evaluate*, *Chat*, *Take Actions*, and *Input Images and Text*.

Course Details

Target Audience: High School, secondary or vocational school and college/university students and general audience

Estimated Time to Completion: 6 hours

Prerequisites: None

Course Delivery: Self-paced and Instructor-led

Learning Component Highlights:
- 2 learning modules
- 50 lecture videos
- 16 chatbot prompting exercises
- 5 hours of engaging video content
- 1 hands-on, open-ended video project
- 1 final exam

Course Recognitions: Digital badge

Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

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Apply AI: Analyze Customer Reviews

Course Overview

This interactive course shows how to perform thematic analysis on text data to extract insights for data-backed decision making. Students also explore choosing the right AI or non-AI tool for the task; improving AI reliability and understand human in the loop.

Benefits

Organizations everywhere rely on customer feedback to guide decisions. Learning how to analyze this feedback is a valuable skills in any job role. Thematic analysis with the help of AI empowers learners to understand their data and share actionable insights with their team.

✓ Learn how to apply and practice thematic analysis with 12 interactive exercises.
✓ Choose the right AI or non-AI tool for your task: a large language model, chatbot that writes and runs code, a spreadsheet app, or a text editor.
✓ Reframe prompt instructions and prepare your data to achieve more reliable results from an LLM..
✓ Understand the "human in the loop" process: using AI to assist with, but not to replace, human decision-making.

Course Details

Target Audience: High School, secondary or vocational school and college/university students and general audience
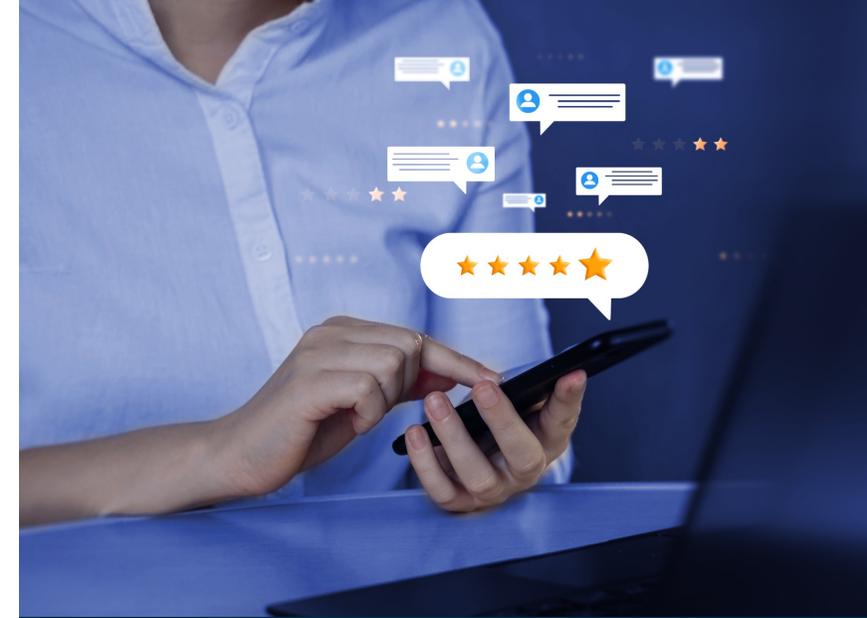
Estimated Time to Completion: 6 hours

Prerequisites: None

Course Delivery: Self-paced and Instructor-led

Learning Component Highlights:
- 1 learning module
- 48 lecture videos
- 12 thematic analysis exercises
- 3 hours of engaging video content
- 1 final exam

Course Recognitions: Digital badge

Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

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Digital Literacy

Digital Awareness

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Course Overview

Beginner friendly course designed to help students grasp the fundamentals of digital tools and technologies, their impact and benefits on society and work, and how to manage a digital identity.

Benefits

Equip your students with the skills to navigate the digital landscape with confidence and make informed decisions that can enhance their personal and professional lives today.

- ✓ Identify common tasks that could be made easier using digital technologies
- ✓ Build skills to search the internet more effectively
- ✓ Learn how to send and read emails
- ✓ Practice creating secure passwords using Password Strength Checker
- ✓ Explore how-to videos to solve basic technical problems, such as slow performance, Wi-Fi or connectivity issues
- ✓ Get introduced to AI (Artificial Intelligence)

Course Details

Target Audience: High school, secondary and general audience

Estimated Time to Completion: 6 hours

Prerequisites: None

Course Delivery: Self-paced and Instructor-led

Learning Component Highlights:
- ✓ 6 learning modules and 25 exercises
- ✓ 3 interactive practice activities
- ✓ 20 videos
- ✓ 1 self-assessment quiz
- ✓ 1 final exam

Course Recognitions: Digital badge

Recommended Next Course: Using Computer and Mobile Devices

Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

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Using Computer and Mobile Devices

Course Overview

This course covers basic skills in how to use computer and mobile devices, including some features, hardware, operating systems, and software to access online services.

Benefits

Today, there are more mobile-phones than people in the world, highlighting the critical need for digital literacy. Teaching student's practical digital skills lays the groundwork for enhanced employability, earning potential, social inclusion and support for overall health and well-being.

- ✓ Practice using trackpad & mouse.
- ✓ Build confidence with file management on Windows, Android, and using the Cloud.
- ✓ App and Software Management
- ✓ Navigate device connectivity, including wired vs cellular, LAN, Wi-Fi, and Bluetooth.
- ✓ Resolve common technical issues and reduce the environmental impact.
- ✓ Explore Generative AI and IoT technologies.

Course Details

Target Audience: High School, secondary or vocational school and college/university students and general audience

Estimated Time to Completion: 6 hours

Prerequisites: None

Course Delivery: Self-paced and Instructor-led

Learning Component Highlights:
- ✓ 4 learning modules and 25 exercises
- ✓ 8 interactive practice activities
- ✓ 20 videos
- ✓ 7 problem-solving scenarios
- ✓ 1 final exam

Course Recognitions: Digital badge

Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

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Create Digital Content, Communicate, and Collaborate Online

Course Overview

This course covers the skills needed to create digital documents and the advantages of using digital tools and technologies for effective collaboration and enhanced productivity in hybrid and remote work settings. Explore best practices for common video-conferencing and project management tools.

Benefits

The future of work is here, transforming how and where we work, with nearly 1 in 5 in the worldwide working remotely. Teaching students the fundamentals of collaborative digital tools can boost teamwork, enhance productivity skills, and improve social interactions both inside and outside of the workplace.

- ✓ Teach remote collaboration using tools like Webex, Discord, Asana, Trello and digital whiteboards.
- ✓ Explore digital content types: audio, image, text, video, applications and their formats.
- ✓ Create, edit, and manage digital documents.
- ✓ Word processing tasks: text editing, formatting, layout tools and inserting elements.
- ✓ Email etiquette: when and how to use CC, BCC & Reply All, clarity, conciseness, and proper use of language and tone.

Course Details

Target Audience: High School, secondary or vocational school and college/university students and general audience

Estimated Time to Completion: 6 hours

Prerequisites: None

Course Delivery: Self-paced and Instructor-led

Learning Component Highlights:
- 23 videos
- 3 learning modules + 1 summary module
- 5 interactive "Try Me, Show Me" practice activities
- 9 Problem Solving Scenarios
- 1 final exam

Course Recognitions: Digital badge

Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

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Digital Safety and Security Awareness

Cisco Networking Academy

Course Overview

This beginner friendly course equips students with the essential knowledge and skills to protect their digital lives. Students will learn to mitigate online threats, protect their data, and get tips to maintain a healthy digital lifestyle.

Benefits

Empower your students to navigate the digital world safely and cultivate responsible digital citizenship. Equip them with skills to safeguard their digital presence in everyday online interactions.

- ✓ Identify and respond to online threats including phishing and malware.
- ✓ Practice running full computer scans, changing a PIN code in Windows, and updating router firmware.
- ✓ Explore deep fakes, misconceptions about the Dark Web, and safeguards to protect young users online
- ✓ Understand the risks digital technologies pose to our mental and physical health and well-being.
- ✓ Explore Eco-influence, highlighting digital literacy and environmental awareness.

Course Details

Target Audience: High school, secondary and general audience

Estimated Time to Completion: 6 hours

Prerequisites: None

Course Delivery: Self-paced and Instructor-led

Learning Component Highlights:
- 4 learning modules
- 21 videos with exercises
- 12 problem-solving tips
- 5 interactive practice activities
- 1 final exam

Course Recognitions: Digital badge

Certification Alignment: OpenEDG Digital Literacy certification

Recommended Next Course: Introduction to Cybersecurity

Requirements

- ASC Alignment: Recommended
- Instructor Training: Optional
- Physical Equipment: Not Required

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