Cisco Networking Academy

Course Portfolio

Required prior knowledge | Recommended prior knowledge | Aligns to Certification | Aligns to Job Role | Self-paced course | Instructor-led course

Entry-level | Associate-level

Networking

- Introduction to IoT and Digital Transformation
- Networking Essentials
- Networking Basics → Networking Devices and Initial Configuration → Network Addressing and Basic Troubleshooting → Network Support and Security
- Network Technician Career Path
  - Cisco Certified Support Technician (CCST) Networking
  - Network Technician
- CCNA: Introduction to Networks → CCNA: Switching, Routing, and Wireless Essentials → CCNA: Enterprise Networking, Security, and Automation
  - Cisco Certified Network Associate (CCNA)
  - Network Engineer
- DevNet Associate
  - Cisco Certified DevNet Associate
  - DevOps Engineer

Cybersecurity

- Introduction to Cybersecurity
- Cybersecurity Essentials
- Endpoint Security → Network Defense → Cyber Threat Management
- Junior Cybersecurity Analyst Career Path
  - Cisco Certified Support Technician (CCST) Cybersecurity
  - Junior Cybersecurity Analyst
- CyberOps Associate
  - Cisco Certified CyberOps Associate
  - Security Operations Center (SOC) Analyst
- Ethical Hacker
  - Cisco Certificate in Ethical Hacking
  - Ethical Hacker or Penetration Tester
- Network Security
  - Network Security Engineer

Programming

- Python Essentials 1
  - PCEP – Certified Entry-level Python Programmer
  - Junior Programmer or Software Developer
- Python Essentials 2
  - PCAP – Certified Associate in Python Programming
  - Programmer or Software Developer
- JavaScript Essentials 1
  - JSE – Certified Entry-Level JavaScript Programmer
  - Junior Programmer or Software Developer
- JavaScript Essentials 2
  - JSA – Certified Associate JavaScript Programmer
  - Programmer or Software Developer
- C++ Essentials 1
  - CPE – C++ Certified Entry-Level Programmer
  - Junior Programmer or Software Developer
- C++ Essentials 2
  - CPE – C++ Certified Associate Programmer
  - Programmer or Software Developer
- C++ Advanced
  - CPP – C++ Certified Professional Programmer
  - Programmer or Software Developer
- C Essentials 1
  - CLA – C Certified Entry-Level Programmer
  - Junior Programmer or Software Developer
- C Essentials 2
  - CLA – C Certified Associate Programmer
  - Programmer or Software Developer
- C Advanced
  - CLP – C Certified Professional Programmer
  - Programmer or Software Developer

AI & Data Science

- Introduction to Data Science → Data Analytics Essentials
- AI Fundamentals with IBM SkillsBuild
- AI with Intel Learning Collection

Information Technology

- Computer Hardware Basics
- Operating System Basics
- IT Essentials
  - CompTIA A+
  - Help Desk Technician
- Linux Unhatched
- Linux Essentials
  - Linux Professional Institute Linux Essentials
  - IT Technical Support
- Linux 1 → Linux 2
  - Linux Professional Institute LPIC-1
  - IT Administrator

Digital Literacy

- Digital Awareness
- Using Computer and Mobile Devices

Professional Skills

- English for IT: English for IT 1 → English for IT 2
  - English for IT B2/GSE 59–75
- Core Skills: Engaging Stakeholders for Success; Creating Compelling Reports
- Entrepreneurship: Discovering Entrepreneurship → Launching a Business Venture → Managing a Business Venture
- Career Resources: Career Preparation Workshop

Cisco Packet Tracer

- Getting Started with Cisco Packet Tracer
- Exploring IoT with Cisco Packet Tracer
- Exploring Networking with Cisco Packet Tracer

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