Find the learning journey that's right for you

Explore your learning options with introductory courses or progress to job-ready skills with our certification-aligned career pathways and professional skills courses.

Key:
- Certifications
- Job role
- Self-paced course
- Instructor-led course
- Required prior knowledge
- Recommended prior knowledge
- Tips for recommended paths to take

Entry-level | Associate-Level | Professional-Level

Networking

START

Introduction to IoT and Digital Transformation

Networking Essentials

Choose the semester-long Networking Essentials instructor-led course or the Network Technician Career Path series.

Network Technician Career Path

Networking Basics

Networking Devices and Initial Configuration

Networking Addressing and Basic Troubleshooting

Network Support and Security

CCST Networking

Network Technician

CCNA: Introduction to Networks

CCNA: Switching, Routing, and Wireless Essentials

CCNA: Enterprise Networking, Security, and Automation

CCNA

Network Administrator

DevNet Associate

CCNA Automation

DevOps Engineer

CCNP Enterprise: Core Networking

CCNP Enterprise: Advanced Routing

Cisco Certified Specialist – Enterprise Core

Cisco Certified Specialist – Enterprise Advanced Infrastructure Implementation

CCNP Enterprise

Network Engineer

Industrial Networking Essentials

Industrial IoT and Control Systems in Energy

Industrial IoT and Control Systems in Manufacturing

Industrial Cybersecurity Essentials

IT Cybersecurity Technician

Cybersecurity

START

Introduction to Cybersecurity

Cybersecurity Essentials

Choose the semester-long Cybersecurity Essentials instructor-led course or the Junior Cybersecurity Analyst Career Path series.

Junior Cybersecurity Analyst Career Path

Endpoint Security

Network Defense

Cyber Threat Management

CCST Cybersecurity

Junior Cybersecurity Analyst

CyberOps Associate

CCNA Cybersecurity

Security Operations Center (SOC) Analyst

Cybersecurity Defense Analyst Career Path

Ethical Hacker

Cisco Certificate in Ethical Hacking

Ethical Hacker or Penetration Tester

Network Security

Network Security Engineer

Network Certified Cybersecurity Defense Analyst

Security Operations Center (SOC) Analyst

Programming

START ANYWHERE

Python Essentials 1

PCAP: 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

Java Script Essentials 2

JSA: Certified Associate Web Application Programmer

Programmer or Software Developer

C++ Essentials 1

CPE – C++ Certified Entry-Level Programmer

Junior Programmer or Software Developer

C++ Essentials 2

CPA – 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

HTML Essentials

WDF – Certified Entry-Level Web Developer

Junior Programmer or Software Developer

CSS Essentials

WDA – Certified Associate Web Developer

Junior Programmer or Software Developer

AI & Data Science

START ANYWHERE

Introduction to Data Science

Data Analytics Essentials

Data Science Essentials with Python

Introduction to Modern AI

Apply AI: Update Your Resume

Apply AI: Analyze Customer Reviews

AI Fundamentals: Foundations for Understand AI

AI with Intel Learning Collection

AI Fundamentals: Language and Vision in AI

Information Technology

START

Computer Hardware Basics

Operating Systems Basics

IT Support Essentials

Choose the semester-long IT Support Essentials self-paced course or the IT Support Specialist Career Path series.

IT Support Specialist Career Path

IT Customer Support Basics

Operating Systems Support

Security and Connectivity Support

Hardware and Upgrade Support

CCST IT Support

IT Support Specialist

IT Essentials

Comp TIA 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

START

Digital Awareness

Using Computer and Mobile Devices

Create Digital Content, Communicate and Collaborate Online

Digital Safety and Security Awareness

Cisco/NDG Digital Literacy certification

Cisco Packet Tracer

START

Getting Started with Cisco Packet Tracer

Exploring IoT with Cisco Packet Tracer

Exploring Networking with Cisco Packet Tracer

Our "Getting Started" courses are your on-ramp tutorial to download the latest version and start practicing with our virtual lab software.

Professional Skills

START ANYWHERE

English for IT

English for IT – Describing and Comparing

English for IT – Advice and Time

English for IT – Needs and Responsibilities

English for IT – People and Quantities

English for IT B1 / CEFR: B1–B2

English for IT 1

English for IT 2

English for IT B1+ / CEFR: A1–B2

English for IT B2 / CEFR: B2–C1

Follow our recommended sequence for a connected learning journey. Each course builds on the last, featuring stories and IT expert insights to deepen your understanding.

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

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