**Are you interested in technology?** Not sure where to start? Cisco Networking Academy can help you start learning today. In the Cisco Networking Academy program, we are in the business of bridging possibilities in Education, Careers and Beyond! **All courses are FREE!**

## Education for Everyone!

*These four courses will benefit you in your day to day life.*

### Getting Started with Cisco Packet Tracer    (2 hours)        Click to Enroll

This course will introduce Cisco Packet Tracer, a simulation and visualization tool used to learn and practice networking, Internet of Things, and cybersecurity. This virtual lab allows students to practice their skills, no hardware required. Explore everything Packet Tracer has available with this tutorial course and unlock the world of networking.

### Introduction to Cybersecurity    (6 hours)        Click to Enroll

Learn how to stay safe on the internet. This course explores cyber trends, threats, and staying safe in cyberspace, and protecting personal and company data. Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

### Intro to IoT & Digital Transformation    (6 hours)        Click to Enroll

Continue along the Packet Tracer and IoT journey with this course. Dive into the network utilizing IoT devices inside Packet Tracer. Learn how to add IoT devices to a home network or enterprise network. Next connect these devices, configure them, and monitor them. Discover what these devices consist of, what they can do, and how they are programmed. Students will even learn how to create their own IoT device in Packet Tracer.

### Exploring IoT w/ Packet Tracer    (3 hours)        Click to Enroll

Continue along the Packet Tracer and IoT journey with this course. Dive into the network utilizing IoT devices inside Packet Tracer. Learn how to add IoT devices to a home network or enterprise network. Next connect these devices, configure them, and monitor them. Discover what these devices consist of, what they can do, and how they are programmed. Students will even learn how to create their own IoT device in Packet Tracer.

## Explore IT (Information Technology) & Cybersecurity!

*If you want to take your initial tech skills to the next level, these courses will help you do that.*

### Networking Basics    (25 hours)        Click to Enroll

Learn the foundational level of networking, network devices, media, and protocols. This course will show students how to observe data in action and how to connect a device to a network. Students will also learn how about different protocols and use different network applications to complete a network task. This course is a starting point for a career in Information Technology.

## Explore IT (Information Technology) & Cybersecurity Continued!

*If you want to take your initial tech skills to the next level, these courses will help you do that.*

### Endpoint Security
(40 hours)     Click to Enroll

Learn how to identify and secure networks including hardware, software, and media. This course will teach students how to assess the network, operating systems, and endpoints for vulnerabilities, and how to secure the network. Learn important skills in the world of Cybersecurity including maintenance of integrity, confidentiality, and availability.

### Network Defense
(40 hours)     Click to Enroll

This course covers how to monitor a network and evaluate security alerts. Learn about tools and techniques that aid in protecting a network including access control, firewalls, cloud security, and cryptography. The tools taught in this course will allow students to create a layered defense cybersecurity strategy.

### Cyber Threat Management
(20 hours)     Click to Enroll

Gain skills needed to manage threats, such as how to analyze a network for vulnerabilities, manage risks, and respond to security incidents in this course. Students will learn how to develop policies and ensure that an organization is compliant with ethical standards and legal & regulatory frameworks, which are necessary for a secure network.

## Pave the Way for New Skills!

*Interested in preparing yourself for a new career path? These courses will help you do that!*

### Networking Devices & Initial Configuration (25 hours)     Click to Enroll

This course covers the essentials of network devices and how to configure them. Learn how to give network devices an address or IP Address, both manually and automatically. Learn how to create groups of IP Addresses and configure Cisco devices, creating a small network and testing for connectivity.

### Python Essentials 1
(30 hours)     Click to Enroll

Python is a programming language that offers endless possibilities for creating small and large-scale software projects. This course teaches a user-friendly and easy-to-read code with Python. It is a great first programming language to learn and requires no prior knowledge in programming. Python is used by tech giants like Google, Facebook, Netflix and more, and grants access to higher paying roles like software engineer, systems admin, and security engineer.

### Python Essentials 2
(40 hours)     Click to Enroll

Python is a multi-paradigm programming language used by startups and tech giants like Google, Facebook, Netflix, and more. This course is the second in the two-course Python Essentials series and is designed for learners already familiar with the basics of Python. Dive into advanced Python concepts, learn Object-Oriented Programming (OOP), and develop your own programming portfolio. This course prepares you for the PCAP – Certified Associate in Python Programming certification (Exam PCAP-31-0x).