

## Course Overview

Networking Essentials teaches networking based on environments learners may encounter in daily life, including small office and home office networking. This course provides an engaging, self-paced learning experience using Packet Tracer simulation, interactive activities, and learning everyday devices found at home.

## Benefits

Develops a foundational understanding of the high-level network architecture and how a network operates.

## Prepares for Careers

- ✓ For developers, cybersecurity, business analysts, or other professionals: gain essential networking knowledge
- ✓ For students: a launch point for many career pathways, from cybersecurity to software to business and more

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## Course Details

**Target Audience:** High school, secondary and 2-year college vocational students, college and university students studying IT and non-IT fields, career changers

**Estimated Time to Completion:** 70 hours

**Prerequisites:** None

**Course Delivery:** Instructor-guided or Self-paced

### Learning Component Highlights:

- ✓ 20 modules and 19 practice labs
- ✓ 24 Cisco Packet Tracer activities
- ✓ 130+ interactive activities, videos, & quizzes
- ✓ 5 module exams
- ✓ 1 final exam

**Course Recognitions:** Digital Badge

**Certification Alignment** of [Cybersecurity Pathway](#): IT Specialist Cybersecurity certification from Certiport

**Recommended Next Course:**  
Endpoint Security



## Requirements

- ASC Alignment Required: No
- Instructor Training Required: Optional
- Physical Equipment Required: No (uses Packet Tracer and devices found at home)