

»» Course Overview

The Networking course is intended to identify the key components of Networking in today's fast-moving world. From network fundamentals to automation and programming, students will learn the details of network access, IP connectivity and services, and security fundamentals. Through exciting and engaging interactivities, simulations, and projects students will explore firsthand these networking concepts to further their future with preparation for the Cisco Certified Network Associate (CCNA) exam.

»» Course Outline by Module

Module 1	Introduction to Networking and Careers
Module 2	Network Components Part I
Module 3	Network Components Part II
Module 4	Network Access
Module 5	Connectivity
Module 6	IP Services
Module 7	Security Fundamentals
Module 8	Automation and Programmability

»» Course Elements



Video Instruction



Reflections



Interactives



Concept Checks



Reading



Quizzes and Exams



Projects



[Course Preview Video](#)

»» Instructional Components

Pointful Education Courses are structured in a consistent, research-based format utilizing multiple pedagogical concepts such as Understanding by Design, Growth Mindset, and Video and Project-based learning. Through the use of these pedagogical concepts, Pointful Education maintains a consistent and engaging course structure that supports student-centered learning.

»» Course Materials

None Required.