

# Online CompTIA Linux+ Certification Course

75 Hours / 6 Months

## Course Description

This Linux training course will prepare you for the CompTIA Linux+ (XK0-004) exam. You will be ready to work on installation processes, network configurations, security and troubleshooting, and automating processes with scripting. For system administrators, Linux+ certification is a benchmark for working in different IT functions, including cloud computing, server administration, Internet-of-things, mobile, and supercomputing.

## Prerequisites

There are no prerequisites to enroll in this course, however skills, knowledge, experience, software, and computer orientation recommended prior to enrollment. Recommended Experience to take the CompTIA Linux+ Certification exams: CompTIA A+, CompTIA Network+ and 12 months of Linux admin experience.

## What You Will Learn

- Analyze Linux hardware and system configurations related to installation, networking, and storage
- Manage Linux system operations and determine validated maintenance protocols
- Evaluate security best practices for users, files, and networks
- Formulate best responses to Linux troubleshooting issues
- Utilize basic scripts to automate processes in Linux

## Hardware Requirements

- This course can be taken on either a PC or Mac. Mac users are encouraged to have access to a Windows environment on their device

## Software Requirements:

- PC: Windows 8 or newer.
- Mac: OS X Snow Leopard 10.6 or later.
- Browser: The latest version of Google Chrome or Mozilla Firefox are preferred. Microsoft Edge and Safari are also compatible.
- Adobe Acrobat Reader. [Click here](#) to download.
- Software must be installed and fully operational before the course begins.

## Other:

- Email capabilities and access to a personal email account.

## Course Outline

### TOPICS COVERED

- Introduction
- Foundations
- Linux Filesystems
- Servers, Shell, and Boot Process
- Processes and Tasks
- Network Configurations
- Conclusion