

IT 7300

Linux Administrator

TUITION \$2,200 DURATION 4 weeks TARGET CERTIFICATION Linux+ ISSUING AUTHORITIES 

REQUIREMENTS High School Diploma or GED
9 mo. working with Linux servers (recommended)
CompTIA A+, Network+, and Server+ certifications (recommended)









PROGRAM DETAILS

Linux is one of the top 10 skills requested by employers among the 4.33 million job postings for all types of tech positions in the United States, during the 12-month period ending May 2022, according to Lightcast. MedCerts Linux Administrator program is designed to allow students to learn the fundamentals of Linux system administration and how to secure enterprise servers and support cloud-based servers by gaining experience in the configuration, management, and troubleshooting of Linux servers. This program provides students with the skills and knowledge required to pass the CompTIA Linux+ certification exam – the cost of which is covered by MedCerts.

In this course, students learn to configure and manage software, storage, and processes and services in a Linux server environment. Students will also learn the security best practices for permission and authentication, firewall, and file management techniques. They will also learn how to conduct version control using Git and how to conduct orchestration and automation. Finally, students will learn how to troubleshoot Linux servers and how to analyze system properties, processes, and to troubleshoot user, application, and hardware issues.

Students enrolling in this course should have at least 9 months of hands-on Linux experience and at least 1.5 years of IT experience in other computing environments. This certification is ideal for those pursuing a career in network administration, cybersecurity analysis, cloud computing administration, scripting or automation.

Throughout the Linux Administrator program, students will learn the skills to:

-  Summarize the purpose and use of security best practices in a Linux environment
-  Build and install software and manage software configurations
-  Configure and execute remote connectivity for system management
-  Perform basic container operations and basic version control using Git
-  Summarize common infrastructure as code technologies, container, cloud, and orchestration concepts
-  Analyze and troubleshoot network resource issues, CPU and memory issues, and user access and file permissions

While MedCerts training and related target certifications may be accepted and/or approved by your state of residency, employers reserve the right to dictate pre-requisite education, experience, or certification/licensure requirements for their positions. These requirements may exclude a MedCerts graduate from eligibility. We strongly advise students to research target job posts from area employers and relevant state requirements, barriers or restrictions to ensure eligibility upon graduation.

CAREER SERVICES

For all MedCerts Students that are not affiliated with an employer partner, you also have the added benefit of Job Search Assistance including guidance with resume building, networking, interviewing, and job search tips.



TARGET CERTIFICATIONS

ATTAINABLE CAREERS

- Linux Administrator
- Network Engineer
- Systems Administrator

Certifications	Issuing Authority	Exam Details
Linux+	CompTIA	90 questions – multiple choice and performance-based Time limit: 90

Course Code	Title	Hours	Weeks	Course Materials (Included)
IT-7013	Linux+	64	4	None

EXPERIENTIAL/CLINICAL COMPONENT:

Experiential/Clinical Component Requirements (not a requirement for IT-7300: Linux Administrator program) – Once students complete this program, they will be able to immediately start working with Career Services at MedCerts.

CRIMINAL BACKGROUND CHECKS AND DRUG SCREENING POLICY:

MedCerts does not perform criminal background checks, nor do we test students for illicit drug use. Please be advised that while MedCerts does not perform these checks, the student's drug, criminal, or immunization status may prevent clinical/externship placement and future employment as a healthcare or IT professionals. Externship sites, employers, and State Boards of Pharmacy or other regulatory boards have regulations about immunizations, drug use, and criminal backgrounds. Regulatory boards, externship sites, employers, and other organizations that may require these screenings for placement, and adverse results may prohibit you from moving forward in the program. Candidates with a felony conviction are not eligible to participate in ANY MedCerts program that includes the Pharmacy Technician certification as a primary or secondary certification

The student understands that MedCerts does not hold any control over the drug, immunization, criminal, or background screening processes or policies held by any organization outside of MedCerts.



Upon 100% completion of this program, students will receive a "MedCerts Certificate of Program Completion." This is proof of completion of training but isn't a nationally recognized certification. Students are expected to take and pass the national certification exam through the issuing authority for recognized certification in their field.