



# Linux Essentials

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OFFICIAL ACADEMIC PROSPECTUS & CURRICULUM GUIDE

**NQF Level:** Industry Certification | **Credits:** N/A

**Delivery:** Online

**Print Date:** April 20, 2026

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## PROGRAMME OVERVIEW

PROGRAMME DURATION	6 Weeks
ACADEMIC LEVEL	Industry Certification
TOTAL CREDITS	N/A
SAQA REGISTRATION	Pending
MODE OF DELIVERY	Online
TOTAL INVESTMENT	<b>R 6,000</b> (Registration Deposit: R 799)

### Executive Introduction

Linux is the unshakeable foundation of the modern internet—running over 90% of the world's public clouds and 100% of the world's supercomputers. Our Linux Essentials programme is a 'No-Fluff,' intense technical immersion into the command line. This course focuses entirely on the raw power of the Bash terminal, teaching you how to manage the servers that run the world without the crutch of a graphical mouse interface.

Learners will master complex file system management, strict user permissions, and automated shell scripting. The curriculum emphasizes 'Lean Operations,' teaching you how to manage system resources with surgical precision to maximize server performance. You will explore the intricacies of SSH, package management, and system security, ensuring your servers are deeply hardened against modern threats. This is the non-negotiable first step for DevOps and Cloud careers.

Through intense, terminal-only workshops, you will physically configure and manage live Ubuntu and CentOS environments. You will graduate as a highly skilled technician who is entirely 'Mouse-Independent,' possessing the foundational literacy that separates the average Windows IT worker from the elite infrastructure engineer who commands the cloud.

## PURPOSE OF THE LEARNING PROGRAMME

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To provide the absolute, non-negotiable foundation for modern infrastructure careers. The primary purpose of this track is to ensure that every graduate can confidently administrate the world's most dominant and important server operating system.

To master the high-value art of 'Scripted Automation.' We aim to teach students how to use the power of the command line to automate complex system tasks, drastically reducing the time required for server maintenance and mass deployment.

To promote 'Lean and Secure' system design. The objective is to produce professionals who understand the beauty of the minimal, headless installation, building servers that are as blindingly fast as they are secure from a baseline level.

To support the massive global DevOps and Open Source movements. By training individuals in the Linux philosophy, we are providing the highly technical workforce required to build and maintain the world's next generation of open-source technologies.

To increase individual technical agility across disparate environments. Linux is everywhere—from Android phones and IoT devices to massive data centres; our purpose is to give our alumni a 'Universal Skill' that makes them valuable anywhere.

# MODULE BREAKDOWN

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## **Module 00: Orientation & Student Portal Onboarding**

Mandatory setup: Email, Portal, Labs & PoE guidelines.

## **Module 01: Linux Community & Career Paths**

Comprehensive mastery and practical application of linux community & career paths aligning with industry standards.

## **Module 02: Finding Your Way on Command Line**

Comprehensive mastery and practical application of finding your way on command line aligning with industry standards.

## **Module 03: The Power of the Text (Editors)**

Comprehensive mastery and practical application of the power of the text (editors) aligning with industry standards.

## **Module 04: Files, Users & Permissions**

Comprehensive mastery and practical application of files, users & permissions aligning with industry standards.

## **Module 05: Security & Basic Scripting**

Comprehensive mastery and practical application of security & basic scripting aligning with industry standards.

## **Module 06: Assessment: Linux Command Lab**

Comprehensive mastery and practical application of assessment: linux command lab aligning with industry standards.

# PRACTICAL LAB ENVIRONMENTS

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This programme includes intensive hands-on practical labs designed to bridge the gap between theoretical knowledge and real-world industrial application.

## Lab 1: Command-Line Navigation & File Ops

Use `cd`, `ls`, `cp`, `mv`, `rm`, and permissions. Deliverable: Command cheat sheet + file tree.

## Lab 2: User & Group Management

Create users, groups, and sudo rules. Deliverable: `/etc/passwd` excerpt + sudoers config.

## Lab 3: Package Management & Services

Install software and manage systemd services. Deliverable: Package list + service status report.

## Lab 4: Bash Scripting Automation

Write scripts for backup, monitoring, or cleanup. Deliverable: Executable script + cron job config.

## CAREER FIELDS & OPPORTUNITIES

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Graduates of this learning programme are aggressively equipped with the specialized competencies required to pursue the following elite professional roles within the global industry:

<b>LINUX ADMINISTRATOR</b>	Advance your career as a Linux Administrator in the industry.
<b>SYSTEMS OPERATOR</b>	Advance your career as a Systems Operator in the industry.
<b>JUNIOR DEVOPS ENGINEER</b>	Advance your career as a Junior DevOps Engineer in the industry.
<b>SERVER SUPPORT TECHNICIAN</b>	Advance your career as a Server Support Technician in the industry.
<b>OPEN-SOURCE SPECIALIST</b>	Advance your career as a Open-Source Specialist in the industry.
<b>COMMAND-LINE AUTOMATION TECHNICIAN</b>	Advance your career as a Command-Line Automation Technician in the industry.
<b>LINUX SECURITY HARDENING ASSISTANT</b>	Advance your career as a Linux Security Hardening Assistant in the industry.

## NEXT STEPS & APPLICATION

Ready to definitively advance your professional trajectory? Formal applications are currently open for the upcoming academic cycle. To securely guarantee your placement in the next intake for **Linux Essentials**, please complete our online application process or contact our admissions advisory team directly.

### CONTACT ADMISSIONS

**Official Email:** [apply@softkingsacademy.co.za](mailto:apply@softkingsacademy.co.za)

**Academy Website:** [www.skacademy.co.za](http://www.skacademy.co.za)

**WhatsApp:** +27 69 271 9901

**Tel:** +27 21 1097 366 | +27 12 004 3732 | +27 70 5422 373

### DIGITAL STUDENT PORTALS

**Studentzone:** [portal.skacademy.co.za](http://portal.skacademy.co.za)

**Exam Centre:** [exams.skacademy.co.za](http://exams.skacademy.co.za)

**Verify Certificate:** [skacademy.co.za/verify-certificate](http://skacademy.co.za/verify-certificate)

**APPLY ONLINE NOW**

SOFTKINGS ACADEMY IS FORMALLY COMMITTED TO PROVIDING INDUSTRY-LEADING, ACCREDITED SKILLS DEVELOPMENT.

**PRINT DATE:** APRIL 20, 2026 — *COMPUTER GENERATED DOCUMENT.*

INFORMATION CONTAINED WITHIN THIS PROSPECTUS IS CORRECT AT THE TIME OF PRINTING.