

School of IT: Linux Courses Syllabus

Linux Fundamentals (10 Hours, R10,900)

Ideal for beginners, this course introduces the essential concepts and practical skills required to start working with Linux.

Introduction to Linux and Open Source
Linux File System Structure
Basic Command-Line Usage
File Permissions and Ownership
User and Group Management
Package Management (APT, YUM, etc.)
Process Management and Monitoring
Shell Scripting Basics
Networking Fundamentals
Practical Labs and Exercises

Linux Advanced (20 Hours, R16,900)

This course builds on fundamentals, preparing learners for system administration, server configuration, and deeper shell scripting.

Prerequisite: Completion of the Linux Fundamentals course (or equivalent prior knowledge) is required before enrolling in this advanced course.

Advanced Shell Scripting
Linux Boot Process & Systemd
Disk Management & LVM
Network Configuration & Troubleshooting
Advanced File Permissions (ACLs, SELinux)
Cron Jobs & Automation
Managing Services and Daemons
Kernel Modules & Updates
Log Management
Hands-On Administration Labs

Linux Mastery (40 Hours, R25,800)

Designed for professionals aiming to specialize in Linux system administration, security, and enterprise environments.

Enterprise Linux Administration
Bash & Python Automation
Advanced Networking & Firewalls
Virtualization & Containers (Docker, Podman)
Security Hardening & Auditing
High Availability & Load Balancing
Advanced Troubleshooting
Performance Tuning & Monitoring
Linux in Cloud Environments (AWS, Azure, GCP)
Capstone Project & Real-World Scenarios

Company & Banking Details

Company Name:	The School of IT International Pty Ltd
Enterprise Number:	2019/278233/07
Tax Number:	9227879237
Bank:	FNB
Account Type:	Gold Business Account
Account Number:	62819004102
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