

SCHOOL OF IT INTERNATIONAL

Network & Infrastructure Courses Brochure

Live, 1-on-1 online training across networking and IT infrastructure — CompTIA core certifications, Cisco CCT/CCNA/CCNP, AWS Advanced Networking, and our own Network/Data/PC Engineering programmes.

PC Engineering

Network Engineering

Data Engineering

CompTIA

Cisco

AWS Networking

School of IT International (Pty) Ltd

Somerset West, Cape Town, South Africa · schoolofit.co.za

PC Engineering

A comprehensive 3-month programme covering hardware essentials, networking, and cloud or project specialisation. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 60 hours (~3 months).

1 Month 1 (20h) — A+ & Hardware Essentials**2** Month 2 (20h) — N+ (Networking)**3** Month 3 (20h) — Cloud or Project specialisation

💰 Pricing

COURSE PRICE

R32,700

Payment plan: 3 payments of R10,900 per 20 hours

📖 Course Duration & Format



Duration

60 hours (~3 months) — maximum completion time



Payment

Payment plan available: R10,900 × 3 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ PC Support Technician

◆ IT Field Engineer

◆ Hardware Support Specialist

◆ Desktop Support Engineer

◆ IT Technician

Typical PC Engineering-skilled salary (South Africa)

R180k – R400k / yr

International exam(s) (optional, ~4): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.



Get job-ready skills — start your PC Engineering course today.

Enrol Now →

☎ +27 82 696 7749 ✉ info@schoolofit.co.za

Somerset West, Cape Town, South Africa

Network Engineering

Core networking concepts through to enterprise design — OSI/TCP-IP models, IP addressing, VLANs, routing, security fundamentals, and cloud/hybrid networking. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 40 hours (~2 months).

- 1 Core networking concepts, terminology, and the OSI/TCP-IP models
- 2 IP addressing and subnetting (IPv4 and basic IPv6)
- 3 Configuring routers, switches, access points, VLANs, and inter-VLAN routing
- 4 Static/dynamic routing, DNS/DHCP/NTP, firewalls, ACLs and VPNs
- 5 Network monitoring, packet analysis, and troubleshooting
- 6 Cloud and hybrid networking, remote access, and automation basics

💰 Pricing

COURSE PRICE

R28,800

Payment plan: 2 payments of R14,400 per 20 hours

📖 Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Payment plan available: R14,400 × 2 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

- ◆ Network Engineer
- ◆ Network Administrator
- ◆ Infrastructure Engineer
- ◆ NOC Analyst
- ◆ Systems Administrator

Typical Network Engineer salary (South Africa)

R280k – R580k / yr



International exam(s) (optional, ~4): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your Network Engineering course today.

[Enrol Now →](#)

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

Data Engineering

Core data engineering concepts through to cloud-based pipelines — ETL/ELT, SQL/NoSQL, data warehousing, Big Data tools, and data governance. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 40 hours (~2 months).

- 1 Data engineering fundamentals and the data lifecycle
- 2 Designing, building and maintaining data pipelines (ETL/ELT)
- 3 SQL and NoSQL databases, data modelling for analytics
- 4 Data warehousing and lakes (Snowflake, Redshift, BigQuery)
- 5 Cloud data platforms (AWS, Azure, GCP), Python, and Big Data tools (Spark, Hadoop)
- 6 Data quality, governance, security and pipeline optimisation

💰 Pricing

COURSE PRICE

R28,800

Payment plan: 2 payments of R14,400 per 20 hours

📚 Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Payment plan available: R14,400 × 2 payments



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Data Engineer

◆ ETL Developer

◆ Data Pipeline Engineer

◆ Analytics Engineer

◆ BI Developer

Typical Data Engineer salary (South Africa)

R320k – R680k / yr



International exam(s) (optional, ~4): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your Data Engineering course today.

[Enrol Now →](#)

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA Tech+

IT concepts and terminology, infrastructure, applications and software, software development, database fundamentals, and security — the foundational CompTIA certification. 1-on-1 online training with a real lecturer.

• Flexible hours

• Commence anytime

• 1-on-1 online with a real lecturer

Learning Objectives

Covered over 20 hours.

- 1 IT concepts and terminology, computing basics, and troubleshooting
- 2 Infrastructure — setting up peripherals and securing basic wireless networks
- 3 Applications and software — managing applications and OS components
- 4 Software development — programming categories, logic, and concepts
- 5 Database fundamentals and security — confidentiality, integrity, availability

Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ IT Support Technician

◆ Help Desk Analyst

◆ Junior IT Administrator

◆ Technical Support Specialist

◆ IT Trainee

Typical Tech+-skilled salary (South Africa)

R150k – R320k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your CompTIA Tech+ course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA A+ (Hardware)

Hands-on hardware and OS fundamentals — motherboards, storage, peripherals, printers, Windows administration, security, and troubleshooting. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours.

- 1 Motherboard, processors and memory
- 2 Storage devices and power supplies
- 3 Peripherals, expansions, and display devices
- 4 Installing and configuring printers
- 5 Operating system basics and system administration
- 6 Windows security, mobile devices, and troubleshooting theory

💰 Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

- ◆ PC Support Technician
- ◆ Desktop Support Engineer
- ◆ IT Field Technician
- ◆ Hardware Specialist
- ◆ Help Desk Analyst

Typical A+-skilled salary (South Africa)

R160k – R350k / yr



International exam(s) (optional, ~2): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your CompTIA A+ course today.

[Enrol Now →](#)

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA N+ (Networking)

Configuration, management and troubleshooting of wired and wireless network devices, protocols for LANs/WANs, TCP/IP, and network security. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours.

- 1 Configuring, managing and troubleshooting network devices
- 2 Network protocols and products for LANs, WANs, and wireless networks
- 3 TCP/IP addressing protocols
- 4 Identifying threats to network security and countermeasures
- 5 Installing and configuring network cabling

💰 Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Network Technician

◆ Network Support Specialist

◆ IT Infrastructure Technician

◆ Junior Network Administrator

◆ NOC Technician

Typical N+-skilled salary (South Africa)

R180k – R380k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your CompTIA N+ course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA Data+

Data concepts, mining, analysis, visualisation and governance — the foundational data analytics certification for non-specialist data roles. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours.

1 Data concepts and environments — schemas, dimensions, structures and file formats**2 Data mining — acquisition concepts, cleansing, profiling, and manipulation****3 Data analysis — descriptive statistical methods and critical analysis techniques****4 Visualization — translating business requirements into reports and dashboards****5 Data governance, quality and controls**

💰 Pricing

COURSE PRICE

R16,900

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

◆ Data Analyst

◆ Reporting Analyst

◆ BI Analyst

◆ Data Quality Specialist

◆ Junior Data Engineer

Typical Data+-skilled salary (South Africa)

R220k – R450k / yr

International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.



Get job-ready skills — start your CompTIA Data+ course today.

Enrol Now →

☎ +27 82 696 7749 ✉ info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA Cloud+

Cloud technologies, deployment, CPU/memory sizing, troubleshooting, and maintaining cloud infrastructure. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours.

- 1 Cloud technologies and cloud essentials basics
- 2 Deploying cloud solutions and infrastructure
- 3 Troubleshooting skills and appropriate support
- 4 CPU and memory sizing for cloud deployments
- 5 Troubleshooting security, network issues and automation; maintaining cloud systems

💰 Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Cloud Support Technician

◆ Cloud Administrator

◆ IT Infrastructure Specialist

◆ Cloud Operations Analyst

◆ Systems Administrator

Typical Cloud+-skilled salary (South Africa)

R220k – R460k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your CompTIA Cloud+ course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA Server+

Server hardware and software, network essentials, storage, disaster recovery, virtualization, and server administration. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours.

- 1 System hardware and software
- 2 Server functions and network essentials
- 3 IT environment, storage, disaster recovery and virtualization
- 4 Network and storage troubleshooting
- 5 Server administration and architecture

💰 Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Server Administrator

◆ Systems Administrator

◆ IT Infrastructure Technician

◆ Data Centre Technician

◆ IT Support Engineer

Typical Server+-skilled salary (South Africa)

R200k – R420k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your CompTIA Server+ course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA Linux+

Linux fundamentals from the command line through boot process, user/group management, and hardware/networking configuration. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours.

- 1 Introduction to Linux and the command line
- 2 Disk partitions, file systems, and logical volumes
- 3 Locating and manipulating files; using vi/vim to edit files
- 4 Boot process, kernel, and GUI components
- 5 Managing users, groups, file access and permissions
- 6 Managing services, hardware, and TCP/IP networking

💰 Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Linux Administrator

◆ Systems Administrator

◆ DevOps Engineer (entry)

◆ IT Infrastructure Technician

◆ Cloud Support Technician

Typical Linux+-skilled salary (South Africa)

R220k – R460k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your CompTIA Linux+ course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

AWS Advanced Networking

Design and maintain network architecture for AWS services at a professional level — deploying cloud-based solutions with core AWS best practices. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: AWS Administrator SysOps and AWS DevOps Engineer courses.

Learning Objectives

Covered over 20 hours (5-10 days).

1 Designing, developing and deploying cloud-based solutions using AWS

2 Implementing core AWS services according to best practices

3 Designing and maintaining network architecture for AWS services

4 Using tools to automate AWS networking tasks

Pricing

COURSE PRICE

R18,900

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

20 hours (5-10 days) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Cloud Network Engineer

◆ AWS Network Architect

◆ Senior Cloud Engineer

◆ Infrastructure Architect

◆ Network Consultant

Typical AWS Advanced Networking salary (South Africa)

R480k – R880k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.



Get job-ready skills — start your AWS Advanced Networking course today.

Enrol Now →

☎ +27 82 696 7749 ✉ info@schoolofit.co.za

Somerset West, Cape Town, South Africa

Cisco Certified Technician (CCT)

Basic Cisco software configuration, remedial hardware services, and Layer 1/2 troubleshooting for Cisco collaboration products. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours (~1 month).

- 1 Basic Cisco software configuration and tools — CLI, Tera Term, Putty, file transfer
- 2 Cisco collaboration products — software and hardware components
- 3 Remedial services — hardware break/fix, configuration backup/restore, upgrades
- 4 Recognising correct connections and configuration
- 5 Basic Layer 1 and Layer 2 troubleshooting

💰 Pricing

COURSE PRICE

R12,900

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Cisco Field Technician

◆ Network Support Technician

◆ IT Field Engineer

◆ Collaboration Support Specialist

◆ Junior Network Technician

Typical CCT-skilled salary (South Africa)

R180k – R380k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your Cisco CCT course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

Cisco Certified Network Associate (CCNA)

Design, install and support business-critical network switches, routers, and VLANs — troubleshoot LAN/WAN networks and manage Cisco enterprise infrastructure. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: Cisco CCT course.

🎓 Learning Objectives

Covered over 20 hours (~1 month).

1 Designing, installing and supporting network switches, routers and VLANs

2 Troubleshooting and supporting LAN/WAN networks

3 Investigating new network technologies for IT infrastructure

4 Managing Cisco enterprise switching and routing infrastructure

5 Networking projects and user support

💰 Pricing

COURSE PRICE

R14,900

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

◆ Network Engineer

◆ Network Administrator

◆ Systems Engineer

◆ Infrastructure Engineer

◆ NOC Analyst

Typical CCNA-skilled salary (South Africa)

R280k – R580k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.



Get job-ready skills — start your Cisco CCNA course today.

Enrol Now →

☎ +27 82 696 7749 ✉ info@schoolofit.co.za

Somerset West, Cape Town, South Africa

Cisco Certified Network Professional (CCNP)

Complex enterprise network requirements, EIGRP and OSPF routing, BGP operations, and route redistribution for advanced network professionals. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: Cisco CCNA course.

🎓 Learning Objectives

Covered over 20 hours (~1 month).

1 Understanding complex enterprise network requirements and planning implementation

2 EIGRP for Enterprise LAN/WAN architecture and advanced EIGRP features

3 OSPF as a scalable routing protocol; routing performance and security

4 Configuring and verifying route redistribution

5 Planning enterprise-to-ISP connections and configuring BGP operations

💰 Pricing

COURSE PRICE

R16,900

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

◆ Senior Network Engineer

◆ Network Architect

◆ Infrastructure Lead

◆ Network Consultant

◆ Enterprise Network Specialist

Typical CCNP-skilled salary (South Africa)

R400k – R780k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

 Get job-ready skills — start your Cisco CCNP course today.

Enrol Now →

 +27 82 696 7749  info@schoolofit.co.za

Somerset West, Cape Town, South Africa

CompTIA CloudNetX

CompTIA's new Xpert-tier certification for secure, scalable networking across hybrid cloud environments — designed for senior network professionals managing complex, multi-cloud connectivity. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: Cisco CCNP course (or equivalent advanced networking experience) and CompTIA Cloud+.

🎓 Learning Objectives

Covered over 20 hours (~1 month).

- 1 Designing secure, scalable network architecture across hybrid and multi-cloud environments
- 2 Advanced connectivity patterns — VPN, direct connect, and SD-WAN in hybrid deployments
- 3 Network security integration for cloud-to-cloud and cloud-to-on-premises traffic
- 4 Performance optimisation and troubleshooting across complex hybrid networks
- 5 Governance and compliance considerations for multi-cloud networking

💰 Pricing

COURSE PRICE

R18,900

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

20 hours (~1 month) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

◆ Senior Network Architect

◆ Hybrid Cloud Network Engineer

◆ Cloud Infrastructure Lead

◆ Enterprise Network Consultant

◆ Multi-Cloud Solutions Architect

Typical CloudNetX-skilled salary (South Africa)

R550k – R950k / yr



International exam(s) (optional, ~1): contact us to confirm current fee. School of IT handles booking & admin if you choose to sit one.

Note: CloudNetX (CNX-001) is a new CompTIA Xpert-series certification, part of CompTIA's expanded advanced-level portfolio alongside SecurityX.



Get job-ready skills — start your CompTIA CloudNetX course today.

Enrol Now →

☎ +27 82 696 7749 ✉ info@schoolofit.co.za

Somerset West, Cape Town, South Africa