

Module 2: Core Security Fundamentals

80 hrs · R10,500 · 4 weeks

The CompTIA Security+ (SY0-701) is the world's most in-demand entry-level security certification — and the gateway to every cybersecurity job in South Africa. This CompTIA Security+ training course covers all fi...

80 hrs

Training Hours

R10,500

Module Fee

4 weeks

Full-Time

8 weeks

Part-Time

JHB · Online

Delivery

WEEKLY CURRICULUM

What You'll Learn

Threats, Attacks & Vulnerabilities

Malware taxonomy (ransomware, RAT, rootkit, keylogger), social engineering techniques, network attacks (MITM, DoS/DDoS)

Cryptography & PKI

Symmetric (AES, 3DES) and asymmetric (RSA, ECC) encryption, digital signatures, certificate lifecycle and PKI hierarc...

Identity, Network Hardening & IAM

Authentication factors (MFA, biometrics, tokens), access control models (RBAC, ABAC, MAC, DAC), firewall rule configu...

Compliance, Vulnerability Scanning & Exam Prep

ISO 27001, NIST CSF, POPIA (SA), GDPR basics. Vulnerability scanning with Nessus: run, interpret and prioritise findi...

LEARNING OUTCOMES

After This Module You Will Be Able To

- ✓ Identify and explain the major attack types covered in the CompTIA Security+ SY0-701 exam
- ✓ Apply cryptographic concepts: encryption, hashing, PKI and digital certificates in practice
- ✓ Configure basic firewalls, IDS/IPS and VPNs on both Linux and Windows hosts
- ✓ Conduct a vulnerability scan with Nessus and prioritise remediation by CVSS severity
- ✓ Map a compliance requirement (POPIA, NIST, ISO 27001) to a technical security control
- ✓ Demonstrate Security+ SY0-701 exam readiness across all five exam domains

TOOLS & PLATFORMS

Nessus / OpenVAS

Metasploit (intro)

Wireshark

Linux UFW & iptables

Windows Security Baseline

TryHackMe (SOC Level 1 path intro)

Certification Alignment

This module prepares you for the following internationally recognised exams. Exam fees are separate.

CompTIA Security+ (SY0-701)

WHAT TO EXPECT

Your Learning Experience

**Expert-Led Live Training**

Live sessions, not recordings. Taught by industry practitioners with 20+ years of training experience.

**Hands-On VM Labs**

Every topic has a lab exercise. You build, break and defend real systems in your own VM environment.

**Johannesburg & Online**

In-person at Code College Woodmead or 100% live online from anywhere in South Africa.

**Digital Badge on Completion**

Earn a Code College Digital Badge — shareable to LinkedIn. Stack badges toward the full bootcamp certificate.

2026 PRICING

Investment

MODULE FEE

R10,500

One flat price — no hidden fees

TRACK BUNDLE (3 MODULES)

From R26,500

Save up to R4,500 vs individual prices

Get in Touch

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FAQS

Frequently Asked Questions

Q Why is Security+ so important for a cybersecurity career in South Africa?

CompTIA Security+ (SY0-701) is listed as a baseline requirement or strong preference in the majority of South African SOC analyst, junior security analyst and IT security officer job advertisements. Many government and financial sector employers treat it as a minimum credential. It is also a prerequisite for more advanced certifications including CEH and CySA+.

Q Does this module include the Security+ exam voucher?

The module price covers all training and preparation. The exam voucher is separate — approximately R7,300 from CompTIA directly. The Professional and Elite full bootcamp tiers include the Security+ voucher as part of the package. Individual module students can purchase a voucher through Code College once our CompTIA ATP partnership is in place.

Q Can I take Module 2 without Module 1?

Yes, if you pass a placement assessment (R500 fee) or hold CompTIA Network+ (N10-009) certification. The assessment takes approximately 45 minutes and tests your networking fundamentals. Contact us before enrolling to arrange the assessment.

Q What's the difference between Security+ and CEH?

Security+ (Module 2) is a broad defensive security certification covering policy, compliance, cryptography and general threat awareness — it is the industry baseline. CEH (Module 3) is an offensive-focused certification covering hands-on penetration testing techniques. Most employers want Security+ first; CEH is the natural next step for those moving into red team or pen test roles.

Q How long does it take to study for the CompTIA Security+ exam?

Most candidates with some IT background pass after 60–90 hours of focused study — roughly 6–8 weeks part-time. Complete beginners coming through Module 1 typically need 10–12 weeks for Module 2. The Security+ SY0-701 exam requires 750 out of 900. This module includes full exam-cram sessions, timed practice tests and performance-based question (PBQ) drills to maximise your first-attempt pass rate.

Next Step in Your Cybersecurity Journey

Next step: Module 3 (Ethical Hacking) or Module 4 (Blue Team/SOC) →