

Module 1: IT & Networking Foundations

80 hrs · R9,500 · 4 weeks

Build the bedrock every cybersecurity professional needs. This IT and networking foundations course takes you from zero IT knowledge through the OSI model, TCP/IP, subnetting and Wireshark packet analysis — available ...

80 hrs

Training Hours

R9,500

Module Fee

4 weeks

Full-Time

8 weeks

Part-Time

JHB · Online

Delivery

WEEKLY CURRICULUM

What You'll Learn

Network Fundamentals

OSI and TCP/IP models deep-dive, IP addressing and subnetting, VLANs, routing protocols (OSPF, BGP basics), switching...

Network Services & Protocols

DNS, DHCP, HTTP/S, FTP, SSH, SMTP, POP3/IMAP — how each works and why it matters for security. Wireshark lab: capture...

Security Concepts Introduction

The CIA triad, threat actors and attack vectors, basic risk management, authentication vs authorisation, and a first ...

Lab Environment & Exam Prep

Build your permanent cybersecurity VM lab: VirtualBox, Kali Linux, and a first target VM. ISC² CC exam preparation, C...

LEARNING OUTCOMES

After This Module You Will Be Able To

- ✓ Understand and explain the OSI and TCP/IP models at exam and interview level
- ✓ Configure IP addressing, subnetting and VLANs in a virtual lab environment
- ✓ Analyse network traffic with Wireshark and identify protocols and anomalies
- ✓ Describe the cybersecurity threat landscape: threat actors, vectors and risk concepts
- ✓ Set up a VirtualBox lab with Kali Linux ready for Module 2 practical work
- ✓ Demonstrate ISC² CC and CompTIA Network+ exam readiness

TOOLS & PLATFORMS

Wireshark

Cisco Packet Tracer

VirtualBox

Kali Linux (intro)

TryHackMe (Pre-Security path)

Nmap (intro)

Certification Alignment

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

ISC² CC

CompTIA Network+

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

R9,500

One flat price — no hidden fees

TRACK BUNDLE (3 MODULES)

From R26,500

Save up to R4,500 vs individual prices

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FAQS

Frequently Asked Questions

Q Do I need any technical background to start?

No. Module 1 is designed for complete beginners. If you can browse the internet and use a computer comfortably, you have enough background. We teach everything else — from what an IP address is to how routers work.

Q Do I need to buy any hardware?

A laptop with at least 8 GB RAM (16 GB preferred) and a 64-bit processor is sufficient for Module 1. We will guide you through installing VirtualBox (free) and Kali Linux (free) during Week 4. No additional hardware purchases are required for this module.

Q What certifications does this module prepare me for?

Module 1 fully prepares you for the ISC² Certified in Cybersecurity (CC) exam — which is free to sit for the first attempt — and the CompTIA Network+ (N10-009) exam. Exam fees are separate and paid directly to the certification body.

Q How does this module connect to the rest of the bootcamp?

Module 1 is the mandatory entry point for all three specialist tracks and the full bootcamp. The networking and Linux foundations you build here are used in every subsequent module. It is also the prereq for Module 2 (Security Fundamentals).

Q What is the ISC² Certified in Cybersecurity (CC) and is the exam really free?

ISC² launched the Certified in Cybersecurity (CC) credential to address the global skills shortage. The exam voucher and self-paced study materials are free of charge through ISC²'s One Million Certified programme — a first-pass exam voucher costs you nothing. Module 1 prepares you for the CC alongside CompTIA Network+, making it an ideal first certification to earn before sitting a paid exam like Security+.

Next Step in Your Cybersecurity Journey

Next step: Module 2 — Core Security Fundamentals →