



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Cyber Security Specialist

Custom Courses / Information Technology (IT) and Digital Skills

Unit Standard AATICD-0096 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, assess, and mitigate cyber threats in a corporate environment. Participants will learn to implement security controls, respond to incidents, and promote a culture of cybersecurity awareness. The course aligns with industry best practices and South African legislative requirements.

Category	Custom Courses
Subfield	Information Technology (IT) and Digital Skills
Unit Standard	AATICD-0096
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Analyse common cyber threats and vulnerabilities in a business context.
- Implement security controls to protect networks, systems, and data.
- Evaluate security incidents and apply appropriate incident response procedures.
- Design security policies and procedures aligned with organisational and legal requirements.
- Demonstrate the use of security tools for monitoring and threat detection.
- Apply ethical and legal principles in cybersecurity practices.

WHO SHOULD ATTEND

- This course is designed for IT professionals, network administrators, and individuals responsible for information security within their organisations.
- It is also suitable for anyone seeking a career in cybersecurity.

COURSE OUTLINE

Day 1: Foundations of Cyber Security

- Introduction to cyber security: definitions and scope
- Cyber threat landscape: malware, phishing, ransomware, social engineering
- CIA triad and risk management fundamentals
- Security policies, standards, and compliance basics
- Overview of security controls: preventive, detective, corrective

Day 2: Network Security and Perimeter Defence

- Network topologies and segmentation
- Firewalls: types, rule sets, and best practices
- Intrusion detection and prevention systems
- Virtual Private Networks (VPNs) and encryption protocols
- Network monitoring and logging fundamentals

Day 3: Operating System and Endpoint Security

- OS hardening: Windows and Linux security configurations
- Endpoint protection: antivirus, anti-malware, EDR
- Identity and access management (IAM)
- Multi-factor authentication (MFA) and password policies
- Vulnerability assessment tools and remediation

Day 4: Application Security and Data Protection

- Web application security: SQL injection, XSS, CSRF
- Secure software development lifecycle (SDLC)
- Cryptography: symmetric, asymmetric, hashing
- Data classification and encryption methods
- Backup strategies and business continuity planning

Day 5: Incident Response and Security Operations

- Incident response lifecycle: preparation, detection, containment, eradication, recovery
- Digital forensics fundamentals: chain of custody, imaging
- SIEM: log collection, correlation, alerting
- Penetration testing phases: reconnaissance, scanning, exploitation
- Security operations centre (SOC) roles and responsibilities

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 24,200.00	R 24,200.00
1	In-House	R 31,400.00	R 31,400.00
1	On-Campus (Pretoria)	R 36,200.00	R 36,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
13 Jul 2026	17 Jul 2026	On-Campus	Dar es Salaam, Tanzania
13 Jul 2026	17 Jul 2026	On-Campus	Accra, Ghana
20 Jul 2026	24 Jul 2026	On-Campus	Johannesburg, South Africa
20 Jul 2026	24 Jul 2026	On-Campus	Lagos, Nigeria
27 Jul 2026	31 Jul 2026	On-Campus	Cape Town, South Africa
27 Jul 2026	31 Jul 2026	On-Campus	Mauritius
03 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

- 1. Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0096) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
- 2. Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
- 3. Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
- 4. Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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