



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

IT Auditing and IT Fraud Detection

Custom Courses / Information Technology (IT) and Digital Skills

Unit Standard AATICD-0102 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to conduct IT audits and detect fraud within information systems. Participants will learn to assess IT controls, identify vulnerabilities, and implement measures to prevent and detect fraudulent activities. The course integrates auditing standards with practical fraud detection techniques.

Category	Custom Courses
Subfield	Information Technology (IT) and Digital Skills
Unit Standard	AATICD-0102
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

- Apply IT auditing frameworks and standards to evaluate information system controls.
- Analyze IT environments to identify fraud risks and vulnerabilities.
- Evaluate the effectiveness of internal controls in preventing and detecting IT fraud.
- Design audit procedures to test controls and detect fraudulent activities.
- Implement fraud detection techniques using data analytics and forensic tools.
- Demonstrate the ability to report audit findings and recommend corrective actions.

WHO SHOULD ATTEND

- This course is designed for IT professionals, internal auditors, risk managers, and compliance officers who are responsible for ensuring the integrity and security of information systems in their organisations.

COURSE OUTLINE

Day 1: Foundations of IT Auditing

- Introduction to IT auditing: definitions and objectives
- IT governance and regulatory compliance
- Overview of COBIT 2019 and ISO 27001 frameworks
- Types of IT controls: general, application, and preventive
- Audit planning and risk assessment basics
- Professional standards for IT auditors (ISACA, IIA)
- Audit evidence and documentation requirements
- Ethics and independence in IT auditing

Day 2: IT Audit Process and Techniques

- Audit planning: understanding the auditee environment
- Risk assessment and materiality in IT audits
- Audit programmes and checklists
- Testing methods: inquiry, observation, inspection, re-performance
- Evaluating IT general controls (access, change, operations)
- Evaluating application controls (input, processing, output)
- Audit evidence gathering and documentation
- Reporting audit findings and recommendations

Day 3: IT Fraud Detection Fundamentals

- Types of IT fraud: asset misappropriation, corruption, financial statement fraud
- Fraud triangle and red flags in IT environments
- Fraud risk assessment frameworks
- Data analytics for fraud detection: Benford's Law, anomaly detection
- Continuous monitoring and auditing techniques
- Investigating digital evidence and chain of custody
- Legal and ethical considerations in fraud detection
- Case studies of IT fraud incidents

Day 4: Advanced Fraud Detection and Forensic IT Audit

- Advanced data analytics: ACL, IDEA, or Python scripts
- Forensic IT audit methodology
- Computer forensics fundamentals: imaging, analysis, preservation
- Network and system log analysis
- Email and communication monitoring
- Fraud detection in databases and ERP systems
- Reporting forensic findings for legal proceedings
- Practical exercise: analysing sample data for fraud indicators

Day 5: Integrated Audit and Fraud Detection Strategy

- Building an integrated audit and fraud detection programme
- Communicating audit results to management and audit committee
- Remediation planning and follow-up audits
- Emerging technologies: AI, blockchain, cloud auditing
- Cybersecurity risks and fraud convergence

- Professional development and certification pathways
- Course review and assessment
- Final case study: end-to-end audit with fraud detection

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
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	21 Aug 2026	On-Campus	Shenzhen, China
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 2026	On-Campus	London, UK

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-0102) 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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