



Accredited Africa Training Institute for Capacity Development

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

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Use Appropriate Environmental Management Tools And Protocols To Detect And Respond To Specific Impacts Training

Physical, Mathematical, Computer and Life Sciences / Environmental Sciences

Unit Standard 119829 · NQF Level 3 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the skills to identify, apply, and monitor appropriate environmental management tools and protocols to detect and respond to specific environmental impacts. It focuses on practical implementation within workplace contexts, ensuring compliance with relevant legislation and best practices.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Environmental Sciences
Unit Standard	119829
Accreditation	SAQA Accredited · NQF Level 3 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply environmental management tools and protocols to detect specific impacts in the workplace.
- Analyze environmental data to identify deviations from established standards.
- Implement corrective actions in response to identified environmental impacts.
- Evaluate the effectiveness of environmental management protocols and recommend improvements.
- Demonstrate compliance with relevant environmental legislation and organizational policies.

WHO SHOULD ATTEND

- This course is designed for environmental officers, health and safety practitioners, and operational staff responsible for managing environmental impacts in industrial, construction, or service sectors.

COURSE OUTLINE

Day 1: Introduction to Environmental Management Tools and Protocols

- Overview of environmental management systems (EMS).
- South African environmental legislation (NEMA, ECA, etc.).
- Types of environmental impacts (physical, chemical, biological, social).
- Introduction to environmental management tools (EIA, EMP, audits).
- Basic principles of environmental monitoring.
- Case studies of environmental impacts in SA.

Day 2: Environmental Impact Assessment (EIA) and Basic Monitoring Techniques

- EIA process: screening, scoping, impact assessment, review.
- Legal requirements for EIAs in South Africa.
- Air quality monitoring: particulate matter, gases.
- Water quality monitoring: pH, turbidity, dissolved oxygen.
- Soil sampling and contamination assessment.
- Data recording and basic interpretation.

Day 3: Environmental Management Plans (EMP) and Auditing

- Structure of an EMP: objectives, targets, actions, responsibilities.
- Integrating EMP with ISO 14001.
- Types of audits: compliance, performance, due diligence.
- Audit planning, checklists, and evidence gathering.
- Non-conformance reporting and corrective action plans.
- Practical exercise: conducting a mini-audit.

Day 4: Waste Management and Pollution Control Tools

- Waste management hierarchy: reduce, reuse, recycle, recover, dispose.
- Hazardous waste classification and storage requirements.
- Spill response protocols and containment equipment.
- Pollution prevention tools: bunding, drip trays, interceptors.
- Waste tracking and documentation (Waste Manifest).
- Case studies: waste management in mining and manufacturing.

Day 5: Biodiversity and Ecological Monitoring Tools

- Biodiversity legislation: NEMBA, protected areas.
- Vegetation survey methods: quadrats, transects.
- Fauna monitoring: camera traps, call counts.
- Water quality indices (SASS, IBI).
- Environmental Management Frameworks and spatial planning.
- Practical: conducting a rapid biodiversity assessment.

Day 6: Incident Response and Emergency Protocols

- Types of incidents: spills, fires, releases, non-compliance.
- Incident command structure and roles.
- Emergency response plans and drills.
- Spill response and containment procedures.
- Root cause analysis techniques (5 Whys, fishbone).

- Incident reporting forms and timelines.
- Practical: tabletop exercise for a spill scenario.

Day 7: Integration, Reporting, and Continuous Improvement

- Integrating EIA, EMP, audits, and monitoring.
- Environmental performance indicators and reporting.
- Continuous improvement: Plan-Do-Check-Act (PDCA).
- CAPA process and documentation.
- Stakeholder communication and engagement.
- Final assessment: case study analysis and presentation.
- Course review and feedback.

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 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	11 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	12 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	13 Aug 2026	On-Campus	Mauritius
06 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	17 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Mauritius

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 119829) 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za