



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

Water Quality Monitoring Skills And Procedures Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110425 · NQF Level 5 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills and knowledge required to monitor water quality effectively in various settings, including municipal, industrial, and environmental contexts. Participants will learn to apply standard procedures for sampling, testing, and interpreting water quality data to ensure compliance with South African water quality guidelines and regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110425
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply standard water quality monitoring procedures to collect representative samples from various water sources.
- Analyze water quality parameters using appropriate field and laboratory testing equipment.
- Evaluate water quality data against relevant South African water quality standards and guidelines.
- Implement corrective actions based on monitoring results to maintain or improve water quality.
- Demonstrate proper record-keeping and reporting of water quality monitoring activities.

WHO SHOULD ATTEND

- This course is designed for environmental officers, water treatment plant operators, laboratory technicians, and anyone responsible for water quality monitoring in their organization.

COURSE OUTLINE

Day 1: Fundamentals of Water Quality Monitoring

- Introduction to water quality monitoring: concepts and applications.
- Key water quality parameters: physical, chemical, and biological.
- Water quality standards and guidelines (e.g., SANS 241).
- Sampling techniques: grab, composite, and in-situ.
- Sample collection, preservation, and transport.
- Field measurement equipment: pH, conductivity, turbidity, dissolved oxygen.
- Data recording and chain of custody.
- Basic data interpretation and reporting.

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 **4 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,400.00	R 13,400.00
1	In-House	R 17,400.00	R 17,400.00
1	On-Campus (Pretoria)	R 20,200.00	R 20,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	03 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	05 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa

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 110425) 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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