



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

Basic Water Sampling Techniques For Environmental Monitoring Training

Physical Planning and Construction / Physical Planning, Design and Management

Unit Standard 113940 · NQF Level 1 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the fundamental knowledge and practical skills required to collect representative water samples for environmental monitoring purposes. It covers sampling protocols, equipment handling, chain of custody procedures, and quality assurance measures to ensure sample integrity. By the end of the training, participants will be able to perform basic water sampling in compliance with relevant South African environmental regulations.

Category	Physical Planning and Construction
Subfield	Physical Planning, Design and Management
Unit Standard	113940
Accreditation	SAQA Accredited · NQF Level 1 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply correct procedures for collecting water samples from various sources (rivers, dams, boreholes, etc).
- Demonstrate proper use and maintenance of sampling equipment and containers
- Implement chain of custody and sample labelling protocols to ensure traceability
- Analyze sampling site conditions and select appropriate sampling methods
- Evaluate potential sources of contamination and apply quality control measures
- Document sampling activities accurately in field notes and reports

WHO SHOULD ATTEND

- This course is designed for environmental technicians, fieldworkers, water quality officers, and anyone involved in water sampling activities as part of environmental monitoring or compliance programs.
- It is also suitable for individuals seeking foundational skills in water sampling techniques.

COURSE OUTLINE

Day 1: Fundamentals of Water Sampling for Environmental Monitoring

- Introduction to water quality monitoring and its importance
- Types of water sources: surface water, groundwater, wastewater
- Sampling equipment and materials: bottles, preservatives, field meters
- Sampling techniques: grab, composite, depth-integrated
- Sample preservation, labelling, and chain of custody
- Health and safety considerations during sampling
- Overview of SANS 5667 and other relevant standards
- Quality assurance and quality control in water sampling

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 **3 NQF credits** at **NQF Level 1**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	17 Aug 2026	On-Campus	Abu Dhabi, UAE
18 Aug 2026	18 Aug 2026	On-Campus	Durban, 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 113940) 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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