



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 Sampling and Handling for Analysis

Health Sciences and Social Services / Preventive Health

Unit Standard 259607 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills and knowledge to correctly handle water samples for analysis, ensuring sample integrity and accurate results. It covers sampling techniques, preservation, storage, and transport procedures in compliance with South African water quality standards.

Category	Health Sciences and Social Services
Subfield	Preventive Health
Unit Standard	259607
Accreditation	SAQA Accredited · NQF Level 2 · 2 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 representative water samples from various sources.
- Demonstrate appropriate sample preservation and storage techniques to maintain integrity.
- Implement chain-of-custody and labeling protocols for sample traceability.
- Analyze potential contamination risks and apply preventive measures during handling.
- Evaluate sample handling procedures against relevant SANS and SABS standards.
- Document sampling activities accurately for compliance and reporting purposes.

WHO SHOULD ATTEND

- Laboratory technicians, water quality officers, environmental health practitioners, and anyone responsible for collecting or handling water samples in municipal, industrial, or environmental settings.

COURSE OUTLINE

Day 1: Principles and Practices of Water Sampling and Handling

- Introduction to water quality monitoring and sampling objectives
- Types of water samples: grab, composite, and integrated samples
- Sampling equipment and techniques for surface water, groundwater, and wastewater
- Sample containers, preservation methods, and holding times
- Chain of custody and documentation requirements
- Health, safety, and environmental considerations during sampling
- Quality assurance and quality control (QA/QC) in water sampling
- Common errors and troubleshooting in sample handling

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 **2 NQF credits** at **NQF Level 2**.

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	Cape Town, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
14 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	17 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	17 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 259607) 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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