



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 Demand Management

Custom Courses / Environment Monitoring, Evaluation & Research

Unit Standard AATICD-0260 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips participants with the knowledge and skills to effectively manage water demand in various sectors, including municipal, industrial, and agricultural settings. It covers strategies for water conservation, demand forecasting, and implementation of water-saving technologies to ensure sustainable water use.

Category	Custom Courses
Subfield	Environment Monitoring, Evaluation & Research
Unit Standard	AATICD-0260
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 principles of water demand management to develop a water conservation plan.
- Analyze water consumption patterns and identify opportunities for demand reduction.
- Evaluate the effectiveness of water-saving technologies and practices.
- Design a water demand management strategy for a specific context.
- Implement monitoring and evaluation systems to track water use and savings.
- Demonstrate compliance with relevant water regulations and standards.

WHO SHOULD ATTEND

- This course is designed for water resource managers, municipal officials, engineers, environmental officers, and anyone responsible for water management in their organization.

COURSE OUTLINE

Day 1: Introduction to Water Demand Management

- Overview of water scarcity and demand management
- The water cycle and water balance
- Key principles of water demand management
- Stakeholders and institutional arrangements
- South African water legislation and policies

Day 2: Water Auditing and Measurement

- Water audit methodology and steps
- Types of water meters and their use
- Data collection and analysis techniques
- Identifying and quantifying water losses
- Benchmarking water consumption

Day 3: Water Conservation Technologies and Practices

- Water-efficient plumbing fixtures
- Rainwater harvesting systems
- Greywater treatment and reuse
- Behavioural change and water-saving tips
- Efficient irrigation systems and scheduling

Day 4: Demand Management Strategies and Planning

- Demand forecasting methods
- Developing a water demand management plan
- Water conservation campaigns and public awareness
- Water-sensitive urban design
- Pricing, tariffs, and economic incentives

Day 5: Implementation, Monitoring, and Evaluation

- Implementation steps and project management
- Monitoring and evaluation frameworks
- Key performance indicators for water demand
- Overcoming barriers to implementation
- Case studies and best practices

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-0260) 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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