



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@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Soil Erosion Control and Management

Agriculture and Nature Conservation / Nature Conservation

Unit Standard 253972 · NQF Level 5 · 5 Credits · 2 Days

COURSE OVERVIEW

This course provides learners with the knowledge and skills necessary to identify, control, and manage soil erosion effectively. It covers the causes and impacts of soil erosion, as well as practical techniques for prevention and remediation in agricultural and environmental contexts. By the end of the course, learners will be able to implement sustainable soil conservation practices.

Category	Agriculture and Nature Conservation
Subfield	Nature Conservation
Unit Standard	253972
Accreditation	SAQA Accredited · NQF Level 5 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify the causes and types of soil erosion in different environments.
- Apply appropriate soil conservation techniques to control erosion.
- Evaluate the effectiveness of erosion control measures in a given context.
- Implement sustainable land management practices to prevent soil degradation.
- Demonstrate the use of tools and methods for monitoring soil erosion.
- Analyze the impact of soil erosion on productivity and the environment.

WHO SHOULD ATTEND

- This course is designed for farmers, agricultural extension officers, land care workers, and environmental management practitioners who are involved in land use and conservation activities.

COURSE OUTLINE

Day 1: Principles of Soil Erosion and Control Measures

- Introduction to soil erosion: water and wind erosion
- Factors affecting erosion: rainfall, soil type, slope, cover
- On-site and off-site impacts of erosion
- Soil conservation principles: cover, roughness, infiltration
- Vegetative measures: cover crops, contour farming, grassed waterways
- Structural measures: terraces, check dams, silt fences
- Erosion risk assessment methods
- Case studies of erosion control in South Africa

Day 2: Planning, Implementation and Monitoring of Erosion Control

- Site assessment and mapping erosion features
- Designing an erosion control plan: objectives and constraints
- Selection criteria for control measures
- Installation procedures for common structures
- Maintenance schedules and adaptive management
- Monitoring techniques: visual inspection, sediment measurement
- Legal framework: Conservation of Agricultural Resources Act
- Integration with land use planning and sustainable agriculture

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

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 16,200.00	R 16,200.00
1	In-House	R 21,000.00	R 21,000.00
1	On-Campus (Pretoria)	R 24,300.00	R 24,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
17 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 253972) 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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