



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

Underground Rock Strata Identification And Management Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110406 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with the knowledge and skills to identify and manage underground rock strata in mining environments. It covers rock mechanics principles, strata control techniques, and hazard identification to ensure safe and efficient underground operations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110406
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 rock mechanics principles to identify different types of underground rock strata.
- Analyze geological structures and their impact on underground stability.
- Evaluate ground conditions using appropriate monitoring and testing methods.
- Implement strata control measures to prevent rock falls and ensure safety.
- Demonstrate the ability to respond to hazardous ground conditions effectively.

WHO SHOULD ATTEND

- This course is designed for underground mining personnel, including miners, shift supervisors, and safety officers, who are responsible for rock strata identification and management.

COURSE OUTLINE

Day 1: Fundamentals of Underground Rock Strata Identification and Management

- Introduction to rock strata: types, properties, and formation processes.
- Rock mass classification systems (e.g., RMR, Q-system) and their application.
- Identification of geological structures: joints, faults, bedding planes, and dykes.
- Fundamentals of rock mechanics: stress, strain, and failure modes.
- Hazard recognition: falls of ground, rockbursts, and sidewall failures.
- Overview of support systems: mechanical, grouted, and friction bolts; mesh and lacing.
- Legal and safety requirements for strata management in South African mines.
- Practical case studies: interpretation of geological logs and mapping data.

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
03 Aug 2026	03 Aug 2026	On-Campus	Johannesburg, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Mauritius
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Mauritius

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 110406) 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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