



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

Effects Of Brows On Excavation Stability Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 115552 · NQF Level 3 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to understand and manage the effects of brows on excavation stability in mining and civil engineering contexts. Participants will learn to identify brow-related hazards, assess risks, and implement control measures to ensure safe and stable excavations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	115552
Accreditation	SAQA Accredited · NQF Level 3 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify different types of brows and their potential effects on excavation stability.
- Analyze geological and operational factors that influence brow behavior and failure mechanisms.
- Evaluate risk associated with brow instability using appropriate assessment methods.
- Apply control measures to mitigate the effects of brows on excavation stability.
- Demonstrate monitoring techniques to detect early signs of brow-related instability.
- Implement corrective actions in response to brow instability incidents.

WHO SHOULD ATTEND

- This course is designed for mine overseers, shift supervisors, safety officers, and engineering personnel responsible for excavation planning and monitoring in surface and underground operations.

COURSE OUTLINE

Day 1: Understanding and Managing the Effects of Brows on Excavation Stability

- Definition and characteristics of brows in excavations.
- Mechanisms of instability caused by brows (e.g., overhang collapse, rockfall).
- Hazard identification and risk assessment for brow areas.
- Control measures: scaling, support systems, and monitoring.
- Legal and regulatory framework (Mine Health and Safety Act, regulations).
- Practical case studies of brow-related incidents.
- Safe work procedures for working near brows.
- Emergency response and rescue considerations.

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 3**.

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
05 Aug 2026	05 Aug 2026	On-Campus	Mauritius
06 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	10 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Mauritius
12 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	13 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 115552) 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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