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
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COURSE BROCHURE

Support An Underground Working Place By Means Of Mechanical Anchors Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 119119 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely support underground working places using mechanical anchors. It covers the planning, installation, and testing of mechanical anchor support systems to ensure worker safety and operational stability in mining environments.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	119119
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS — verifiable online

LEARNING OUTCOMES

- Demonstrate understanding of the purpose and types of mechanical anchors used in underground support.
- Apply correct procedures for selecting and installing mechanical anchors according to mine standards.
- Evaluate the stability of installed mechanical anchors through appropriate testing methods.
- Implement safety protocols to mitigate risks during anchor installation and support activities.
- Analyze geological conditions to determine appropriate anchor placement and spacing.
- Document and report installation records and test results as per regulatory requirements.

WHO SHOULD ATTEND

- Mining personnel, including rock drill operators, support crews, and shift supervisors, who are responsible for installing mechanical roof and sidewall anchors in underground workings.

COURSE OUTLINE

Day 1: Introduction to Mechanical Anchor Support Systems

- Overview of underground working environment hazards
- Legal framework: Mine Health and Safety Act, regulations, and codes of practice
- Rock mechanics fundamentals: stress, deformation, and failure modes
- Types of mechanical anchors: expansion shell, resin-anchored, friction rock stabilizers
- Anchor components and installation procedures
- Support system design principles
- Pre-installation inspections and risk assessment
- Practical demonstration: anchor selection and preparation

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

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 9,400.00	**R 9,400.00**
1	In-House	R 12,700.00	**R 12,700.00**
1	On-Campus (Pretoria)	R 14,100.00	**R 14,100.00**

UPCOMING SESSIONS

Start	End	Method	Venue
03 Dec 2026	03 Dec 2026	On-Campus	Pretoria, South Africa
04 Dec 2026	04 Dec 2026	On-Campus	Dar es Salaam, Tanzania
07 Dec 2026	07 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
07 Dec 2026	07 Dec 2026	On-Campus	Blantyre, Malawi
08 Dec 2026	08 Dec 2026	On-Campus	Kinshasa, DRC
09 Dec 2026	09 Dec 2026	On-Campus	Abu Dhabi, UAE
09 Dec 2026	09 Dec 2026	On-Campus	Bangkok, Thailand
10 Dec 2026	10 Dec 2026	On-Campus	Nairobi, Kenya

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

HOW TO GET A QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 119119) and click **Get A Quotation**. 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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