



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

Understand The Kinds Of Minerals And Related Products Mined And Beneficiated In South Africa Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 119969 · NQF Level 1 · 2 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with a foundational understanding of the types of minerals mined and beneficiated in South Africa, their associated products, and the processes involved. It equips learners with the knowledge to identify key mineral resources and understand their economic significance within the South African mining context.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	119969
Accreditation	SAQA Accredited · NQF Level 1 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify the major types of minerals mined in South Africa, including precious metals, base metals, and industrial minerals.
- Describe the primary products derived from each mineral type and their applications in various industries.
- Explain the basic principles of beneficiation processes used to add value to mined minerals.
- Differentiate between primary, secondary, and tertiary beneficiation stages.
- Recognize the economic importance of mineral beneficiation to South Africa's economy.
- Apply knowledge of mineral types and beneficiation to identify common products in the workplace.

WHO SHOULD ATTEND

- This course is designed for entry-level employees in the mining and minerals processing industries, including operators, technicians, and support staff who require a basic understanding of mineral types and beneficiation processes.

COURSE OUTLINE

Day 1: Overview of Mineral Types and Beneficiation in South Africa

- Introduction to South Africa's mineral wealth: gold, platinum group metals, coal, diamonds, iron ore, manganese, chrome, and others.
- Classification of minerals: metallic, non-metallic, and energy minerals.
- Overview of mining methods: open-pit, underground, and alluvial mining.
- Basic beneficiation processes: crushing, grinding, screening, gravity separation, flotation, magnetic separation, and leaching.
- Products from beneficiation: concentrates, ingots, alloys, refined metals, and industrial minerals.
- Economic impact: contribution to GDP, employment, and exports.
- Regulatory environment: Mineral and Petroleum Resources Development Act (MPRDA), licensing, and beneficiation strategies.
- Case studies: examples of major mines and their beneficiation plants in South Africa.

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 1**.

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
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
14 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	17 Aug 2026	On-Campus	Durban, South Africa
18 Aug 2026	18 Aug 2026	On-Campus	Shenzhen, China

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 119969) 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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