



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

Identify Describe And Utilise Materials In Construction Training

Physical Planning and Construction / Building Construction

Unit Standard 119056 · NQF Level 1 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, describe, and utilise construction materials effectively. It covers material properties, selection criteria, and safe handling practices, ensuring compliance with industry standards. By the end, participants will be able to apply material knowledge to enhance construction quality and safety.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119056
Accreditation	SAQA Accredited · NQF Level 1 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify common construction materials and their properties based on visual inspection and standard tests.
- Describe the appropriate applications of materials such as concrete, steel, timber, and masonry in construction projects.
- Apply safe handling and storage procedures for different materials to prevent workplace hazards.
- Demonstrate the correct use of materials by following manufacturer specifications and industry standards.
- Analyze material suitability for specific construction tasks, considering durability, cost, and environmental factors.
- Evaluate material defects and determine their impact on structural integrity and project quality.

WHO SHOULD ATTEND

- This course is designed for construction workers, site supervisors, and apprentices who handle or specify materials on construction sites.
- It is also suitable for individuals seeking foundational knowledge in construction materials for career advancement.

COURSE OUTLINE

Day 1: Identify, Describe and Utilise Materials in Construction

- Introduction to construction materials: concrete, brick, steel, timber, and aggregates.
- Physical and mechanical properties: strength, durability, workability, and thermal performance.
- Material identification techniques: visual inspection, labelling, and basic testing.
- Selection criteria for materials based on project requirements and environmental conditions.
- Safe handling, storage, and waste management of materials.
- Practical exercise: identifying and categorising materials from samples.
- Assessment: multiple-choice questions and practical demonstration.

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 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
03 Aug 2026	03 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	03 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	04 Aug 2026	On-Campus	Johannesburg, South Africa
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	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 119056) 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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