



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

Work With Shape Space And Measurement Concepts Training

Physical, Mathematical, Computer and Life Sciences / Mathematical Sciences

Unit Standard 119366 · NQF Level 1 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the practical skills to work confidently with shape, space, and measurement concepts in both personal and professional contexts. Participants will develop the ability to apply geometric principles, perform accurate measurements, and solve spatial problems using appropriate tools and techniques. The course is designed to enhance numerical and spatial reasoning for improved decision-making in everyday and workplace scenarios.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Mathematical Sciences
Unit Standard	119366
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

- Demonstrate understanding of geometric shapes and their properties in two and three dimensions.
- Apply measurement techniques to determine length, area, volume, and angle using appropriate instruments.
- Analyze spatial relationships and solve problems involving shape, orientation, and transformation.
- Use measurement systems and conversions accurately in real-world contexts.
- Evaluate the suitability of different measurement tools and methods for given tasks.
- Interpret and construct scale drawings and diagrams to represent spatial information.

WHO SHOULD ATTEND

- This course is ideal for individuals who need to apply shape, space, and measurement concepts in their work or daily life, including administrative staff, technicians, artisans, and anyone seeking to improve their mathematical literacy.
- It is also suitable for learners preparing for further studies in technical or quantitative fields.

COURSE OUTLINE

Day 1: Foundational Concepts of Shape, Space and Measurement

- Introduction to geometric shapes: polygons, circles, prisms and pyramids.
- Measurement units and conversions (SI units).
- Measuring length, perimeter, area and volume with rulers, tape measures and formulas.
- Angle measurement and classification.
- Scale drawings: reading and using scales.
- Practical problem-solving in real-life contexts (e.g., tiling a floor, packing a box).
- Assessment of competency through practical tasks and a short quiz.

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
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
11 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	12 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 119366) 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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