



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

Email: apply@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Apply Concepts Of Shape Space And Measurement To Make Decisions Relative To The World Around US Training

Physical, Mathematical, Computer and Life Sciences / Mathematical Sciences

Unit Standard 119363 · NQF Level 1 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the practical ability to apply concepts of shape, space, and measurement in real-world decision-making contexts. By understanding geometric properties, spatial relationships, and measurement techniques, learners will enhance their analytical and problem-solving skills for both personal and professional environments.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Mathematical Sciences
Unit Standard	119363
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

- Apply geometric principles to analyze and solve problems related to shape and space in real-world scenarios.
- Demonstrate the use of appropriate measurement tools and units to obtain accurate data for decision-making.
- Evaluate spatial relationships and dimensions to optimize layout, design, or resource allocation.
- Implement measurement conversions and calculations to support informed decisions in practical contexts.
- Analyze data from shape and space concepts to draw conclusions and make recommendations.
- Design simple plans or models using principles of shape, space, and measurement to address workplace challenges.

WHO SHOULD ATTEND

- This course is ideal for individuals seeking to improve their spatial reasoning and measurement skills for everyday decision-making, including employees in retail, logistics, construction, or any field requiring practical application of geometry and measurement.

COURSE OUTLINE

Day 1: Foundational Concepts of Shape, Space, and Measurement

- Introduction to shape, space, and measurement concepts.
- Properties of common 2D shapes (triangles, quadrilaterals, circles) and 3D objects (cubes, spheres, cylinders).
- Units of measurement: SI units and conversions.
- Calculating perimeter and area of 2D shapes.
- Calculating surface area and volume of 3D objects.
- Spatial relationships: orientation, symmetry, and transformations.
- Practical applications: interpreting floor plans, estimating quantities, and solving real-world problems.
- Assessment: applying concepts to case studies and workplace scenarios.

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
04 Aug 2026	04 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	05 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Mauritius
07 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	12 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 119363) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za