



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

Demonstrate The Use And Care Of Firearm Measuring Equipment Training

Law, Military Science and Security / Safety in Society

Unit Standard 119781 · NQF Level 4 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely use and care for firearm measuring equipment. It covers the identification, operation, and maintenance of tools such as micrometers, callipers, and gauges used in firearm inspection. The course ensures compliance with safety regulations and quality standards in the firearms industry.

Category	Law, Military Science and Security
Subfield	Safety in Society
Unit Standard	119781
Accreditation	SAQA Accredited · NQF Level 4 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and describe the various types of firearm measuring equipment and their applications.
- Demonstrate correct handling and usage of measuring tools to ensure accurate measurements.
- Apply safety procedures when using and storing firearm measuring equipment.
- Perform routine cleaning and maintenance to prolong equipment lifespan.
- Calibrate measuring instruments according to manufacturer specifications.
- Evaluate measurement results and identify potential errors or discrepancies.

WHO SHOULD ATTEND

- This course is intended for firearm technicians, armourers, quality control inspectors, and anyone involved in firearm maintenance or manufacturing who needs to use measuring equipment accurately and safely.

COURSE OUTLINE

Day 1: Introduction to Firearm Measuring Equipment and Basic Use

- Overview of firearm measuring equipment: calipers, micrometers, gauges, bore scopes.
- Principles of measurement: units, precision, and tolerance.
- Safety protocols for handling measuring instruments.
- Step-by-step use of vernier calipers and micrometers.
- Reading measurements from analog and digital displays.
- Common errors in measurement and how to avoid them.
- Practical exercise: measuring cartridge case dimensions.

Day 2: Advanced Applications, Care, and Maintenance of Measuring Equipment

- Measuring barrel bore diameter, throat erosion, and headspace.
- Using bore gauges and chamber indicators.
- Calibration procedures: reference standards and frequency.
- Cleaning and lubricating measuring instruments.
- Storage conditions to prevent damage and corrosion.
- Recording and interpreting measurement results.
- Quality assurance: traceability and documentation.
- Practical assessment: complete measurement and care tasks.

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 **5 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	11 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	13 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	13 Aug 2026	On-Campus	Mauritius
18 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
18 Aug 2026	19 Aug 2026	On-Campus	Durban, South Africa

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 119781) 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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