



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 An Understanding Of Data Handling And Probability Training

Physical, Mathematical, Computer and Life Sciences / Mathematical Sciences

Unit Standard 119372 · NQF Level 1 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the fundamental skills to collect, organise, display, and interpret data, as well as understand basic probability concepts. It enables individuals to make informed decisions based on statistical reasoning and to communicate findings effectively in a business or personal context.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Mathematical Sciences
Unit Standard	119372
Accreditation	SAQA Accredited · NQF Level 1 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate understanding of data collection methods and appropriate sampling techniques.
- Apply data organisation and representation techniques, including tables, graphs, and charts.
- Analyze data by calculating measures of central tendency and spread.
- Evaluate probability concepts and apply them to predict outcomes in simple scenarios.
- Interpret statistical data and draw valid conclusions for decision-making.
- Implement data handling procedures to ensure accuracy and reliability of results.

WHO SHOULD ATTEND

- This course is designed for entry-level employees, administrative staff, and anyone who needs to work with data in their daily role but has limited formal training in statistics or data handling.

COURSE OUTLINE

Day 1: Foundations of Data Handling and Probability

- Introduction to data handling cycle: collection, organization, representation, analysis, and interpretation.
- Types of data: categorical vs numerical, discrete vs continuous.
- Methods of data collection: surveys, experiments, observation.
- Organizing data: tally and frequency tables.
- Graphical representation: bar graphs, pie charts, histograms.
- Basic probability concepts: experiment, outcome, event, sample space.
- Calculating probability: $P(\text{event}) = \text{number of favorable outcomes} / \text{total number of outcomes}$.
- Experimental vs theoretical probability and the law of large numbers.

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 **3 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 119372) 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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