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
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COURSE BROCHURE

Demonstrate An Understanding And Use Of Data Handling And Probability Concepts Training

Physical, Mathematical, Computer and Life Sciences / Mathematical Sciences

Unit Standard 119376 · NQF Level 1 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the fundamental concepts of data handling and probability, enabling them to collect, organise, analyse, and interpret data in a variety of contexts. Learners will develop the ability to use probability to make informed decisions and communicate findings effectively. The course is designed to build foundational numeracy and analytical skills essential for workplace problem-solving and decision-making.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Mathematical Sciences
Unit Standard	119376
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 appropriate data collection methods to gather relevant information for a given context.
- Organise and represent data using tables, graphs, and charts to facilitate interpretation.
- Analyse data sets to identify trends, patterns, and central tendencies.
- Calculate and interpret basic probabilities to assess likelihood and risk.
- Evaluate data and probability results to support decision-making processes.
- Demonstrate understanding of ethical considerations in data handling and reporting.

WHO SHOULD ATTEND

- This course is intended for employees across all sectors who need to apply basic data handling and probability concepts in their daily work, such as administrators, supervisors, and team leaders.
- It is also suitable for individuals seeking to improve their numerical literacy for personal or professional development.

COURSE OUTLINE

Day 1: **Foundations of Data Handling and Probability**

- Types of data: qualitative vs. quantitative, discrete vs. continuous.
- Methods of data collection: surveys, experiments, and sampling.
- Data representation: tables, bar graphs, histograms, pie charts.
- Measures of central tendency: mean, median, mode.
- Measures of dispersion: range, interquartile range.
- Basic probability: definitions, probability scale, and simple events.
- Probability calculations using relative frequency and theoretical models.
- Application of data handling and probability in 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 9,400.00	**R 9,400.00**
1	In-House	R 12,700.00	**R 12,700.00**
1	On-Campus (Pretoria)	R 14,100.00	**R 14,100.00**

UPCOMING SESSIONS

Start	End	Method	Venue
02 Dec 2026	02 Dec 2026	On-Campus	Mauritius
03 Dec 2026	03 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
03 Dec 2026	03 Dec 2026	On-Campus	Kinshasa, DRC
04 Dec 2026	04 Dec 2026	On-Campus	Pretoria, South Africa
07 Dec 2026	07 Dec 2026	On-Campus	Johannesburg, South Africa
08 Dec 2026	08 Dec 2026	On-Campus	Blantyre, Malawi
08 Dec 2026	08 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
09 Dec 2026	09 Dec 2026	On-Campus	Kinshasa, DRC

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

HOW TO GET A QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 119376) and click **Get A Quotation**. 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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