



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 Patterns Functions And Algebra In Different Contexts Training

Physical, Mathematical, Computer and Life Sciences / Mathematical Sciences

Unit Standard 119375 · NQF Level 1 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the ability to identify, describe, and work with patterns, functions, and algebra in various contexts. It focuses on applying algebraic skills to solve real-world problems and interpret mathematical relationships in workplace and everyday situations.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Mathematical Sciences
Unit Standard	119375
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

- Identify and describe patterns in different contexts using numerical, geometric, and graphical representations.
- Apply algebraic concepts to formulate and solve equations and inequalities in practical scenarios.
- Analyze functional relationships to interpret data and make predictions.
- Evaluate the appropriateness of different algebraic methods for solving given problems.
- Demonstrate the ability to communicate mathematical reasoning clearly and logically.
- Implement algebraic techniques to support decision-making in workplace contexts.

WHO SHOULD ATTEND

- This course is designed for individuals who need to apply mathematical thinking in their roles, such as administrative staff, data entry clerks, or anyone requiring foundational algebraic skills for problem-solving.

COURSE OUTLINE

Day 1: Foundational Patterns, Functions, and Algebra in Context

- Introduction to patterns: numeric, geometric, and contextual patterns.
- Representing patterns using tables, graphs, and algebraic expressions.
- Understanding functions: domain, range, and function notation.
- Linear functions: slope, intercepts, and graphical interpretation.
- Solving linear equations and inequalities in context.
- Introduction to quadratic patterns and functions.
- Practical application: using patterns and functions in financial contexts (e.g., simple interest, budgeting).
- Assessment: group activity identifying and solving a pattern-based problem.

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	Dubai, UAE
05 Aug 2026	05 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, 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 119375) 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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