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

Root Cause Analysis

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0409 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the skills to identify, analyse, and resolve root causes of problems in the workplace. It focuses on systematic investigation techniques and the implementation of effective corrective actions to prevent recurrence.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0409
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS — verifiable online

LEARNING OUTCOMES

- Apply root cause analysis methodologies to identify underlying causes of workplace problems.
- Analyze data and evidence to distinguish between symptoms and root causes.
- Evaluate potential corrective actions to select the most effective solution.
- Design a root cause analysis plan for a specific problem scenario.
- Implement corrective actions and monitor their effectiveness.
- Demonstrate the use of root cause analysis tools such as the 5 Whys, Fishbone Diagram, and Pareto Analysis.

WHO SHOULD ATTEND

- This course is designed for managers, supervisors, team leaders, and quality assurance personnel who are responsible for problem-solving and continuous improvement within their organisations.

COURSE OUTLINE

Day 1: **Foundations of Root Cause Analysis**

- Introduction to RCA: definitions, benefits, and regulatory context
- The RCA process: steps from event identification to corrective actions
- Immediate vs. root causes
- The 5 Whys technique: application and limitations
- Cause-and-effect (Ishikawa) diagrams: construction and use
- Human factors and error reduction
- Data collection and evidence gathering for RCA
- Introduction to corrective and preventive actions (CAPA

Day 2: **Advanced Techniques and Implementation**

- Fault Tree Analysis (FTA): logic gates and construction
- Change Analysis: identifying deviations from normal conditions
- Barrier analysis and management systems
- Root cause coding and trend analysis
- Developing SMART corrective action plans
- Facilitation skills for RCA teams
- Monitoring and verifying effectiveness of actions
- Embedding RCA into quality management systems (e.g., ISO 9001, SHEQ

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 11,900.00	**R 11,900.00**
1	In-House	R 16,100.00	**R 16,100.00**
1	On-Campus (Pretoria)	R 17,800.00	**R 17,800.00**

UPCOMING SESSIONS

Start	End	Method	Venue
01 Dec 2026	02 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
01 Dec 2026	02 Dec 2026	On-Campus	Cape Town, South Africa
02 Dec 2026	03 Dec 2026	On-Campus	Shenzhen, China
02 Dec 2026	03 Dec 2026	On-Campus	Lagos, Nigeria
03 Dec 2026	04 Dec 2026	On-Campus	Durban, South Africa
08 Dec 2026	09 Dec 2026	On-Campus	Maseru, Lesotho
08 Dec 2026	09 Dec 2026	On-Campus	Kigali, Rwanda
08 Dec 2026	09 Dec 2026	On-Campus	Accra, Ghana

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 AATICD-0409) 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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