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

Oil & Gas Maintenance Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0433 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips maintenance professionals in the oil and gas industry with the skills to manage maintenance operations effectively, ensuring reliability, safety, and cost-efficiency. It covers strategic maintenance planning, risk-based inspection, and the implementation of maintenance management systems.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0433
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 maintenance management principles to optimize asset reliability and performance.
- Analyze maintenance data to identify trends and predict equipment failures.
- Evaluate maintenance strategies to balance cost, risk, and operational requirements.
- Design a preventive maintenance program aligned with industry best practices.
- Implement a computerized maintenance management system (CMMS) to streamline workflows.
- Demonstrate leadership in fostering a safety-first culture within maintenance teams.

WHO SHOULD ATTEND

- This course is designed for maintenance supervisors, engineers, and managers working in the oil and gas sector, as well as those transitioning into maintenance management roles.

COURSE OUTLINE

Day 1: **Fundamentals of Maintenance Management in Oil & Gas**

- Introduction to oil and gas operations and maintenance challenges
- Maintenance strategies: reactive, preventive, predictive, and proactive
- Reliability-centered maintenance (RCM) principles
- Maintenance planning and scheduling basics
- Asset management and lifecycle considerations
- Safety regulations and standards (e.g., OSHA, PSM
- Introduction to Computerized Maintenance Management Systems (CMMS
- Key performance indicators (KPIs) for maintenance

Day 2: **Advanced Maintenance Practices and Optimization**

- Preventive and predictive maintenance program development
- Risk-based inspection (RBI) and maintenance optimization
- Condition monitoring techniques: vibration analysis, thermography, oil analysis
- Root cause analysis (RCA) and failure mode and effects analysis (FMEA
- Maintenance budgeting and cost control
- Shutdown and turnaround management
- Performance measurement and benchmarking
- Case studies and best practices in oil and gas maintenance

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
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
08 Dec 2026	09 Dec 2026	On-Campus	Cape Town, South Africa
08 Dec 2026	09 Dec 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 QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0433) 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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