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 Production Operations

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0380 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with comprehensive knowledge and practical skills to manage and supervise oil and gas production operations. It covers the full lifecycle from reservoir to export, focusing on safety, efficiency, and regulatory compliance. By the end, participants will be able to optimize production processes and lead teams effectively in this dynamic industry.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0380
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 principles of reservoir engineering to optimize hydrocarbon recovery.
- Analyze production systems and identify bottlenecks to improve flow assurance.
- Evaluate safety and environmental risks in production operations and implement mitigation strategies.
- Design production monitoring and control procedures to ensure operational efficiency.
- Implement maintenance strategies for production equipment to maximize uptime.
- Demonstrate leadership in coordinating multidisciplinary teams for safe and efficient operations.

WHO SHOULD ATTEND

- This course is designed for production supervisors, operations managers, and technical staff working in the oil and gas industry who seek to enhance their operational expertise and leadership capabilities.

COURSE OUTLINE

Day 1: **Fundamentals of Oil & Gas Production Operations**

- Overview of oil and gas industry: upstream, midstream, downstream
- Reservoir basics: pressure, temperature, fluid types, drive mechanisms
- Well completion and production equipment: wellheads, Christmas trees, tubing, packers
- Surface facilities: separators, heaters, pumps, compressors, and storage tanks
- Flow assurance: hydrates, wax, scale, and corrosion
- HSE regulations and best practices in production operations

Day 2: **Production Optimization, Troubleshooting, and Operations Management**

- Production optimization techniques: nodal analysis, artificial lift selection, choke management
- Troubleshooting: well performance issues, equipment failures, flow assurance problems
- Production monitoring: well testing, production logging, data interpretation
- Operations management: production planning, reporting, and handover procedures
- Maintenance strategies: preventive, predictive, and corrective maintenance
- Emergency response and shutdown procedures
- Case studies of production optimisation and problem-solving

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	Shenzhen, China
01 Dec 2026	02 Dec 2026	On-Campus	Lagos, Nigeria
02 Dec 2026	03 Dec 2026	On-Campus	Durban, South Africa
03 Dec 2026	04 Dec 2026	On-Campus	Dubai, UAE
07 Dec 2026	08 Dec 2026	On-Campus	Maseru, Lesotho
07 Dec 2026	08 Dec 2026	On-Campus	Kigali, Rwanda
07 Dec 2026	08 Dec 2026	On-Campus	Accra, Ghana
07 Dec 2026	08 Dec 2026	On-Campus	Cape Town, South Africa

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-0380) 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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