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 Fundamentals

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0374 · NQF Level 5 · 2 Credits · 1 Day

COURSE OVERVIEW

This course provides a comprehensive introduction to the oil and gas industry, covering the entire value chain from exploration and production to refining, transportation, and marketing. Participants will gain a solid understanding of key technical, commercial, and regulatory aspects, enabling them to communicate effectively with industry stakeholders and make informed decisions in their roles.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0374
Accreditation	SAQA Accredited · NQF Level 5 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS — verifiable online

LEARNING OUTCOMES

- Apply the fundamental concepts of the oil and gas value chain to identify the roles of key players and stakeholders.
- Analyze the geological and engineering principles behind upstream exploration and production activities.
- Evaluate the processes involved in midstream transportation, storage, and downstream refining and marketing.
- Demonstrate an understanding of the economic, environmental, and regulatory factors impacting the industry.
- Implement basic risk assessment and safety practices relevant to oil and gas operations.
- Discuss current trends and future challenges in the global oil and gas sector.

WHO SHOULD ATTEND

- This course is ideal for professionals new to the oil and gas sector, including business development managers, project coordinators, procurement specialists, and administrative staff who interact with technical teams.
- It also serves as a refresher for those seeking a structured overview of the industry.

COURSE OUTLINE

Day 1: Oil & Gas Fundamentals

- Introduction to oil and gas: history, global demand, and energy transition
- Industry structure: upstream, midstream, downstream, and integrated companies
- Exploration methods: seismic surveys, geological studies, and reservoir evaluation
- Drilling operations: rig types, drilling process, and well completion
- Production and surface facilities: wellheads, separators, and storage
- Transportation and storage: pipelines, tankers, and LNG terminals
- Refining and petrochemicals: distillation, cracking, and product distribution
- Safety, environmental management, and regulatory compliance (e.g., OHS Act, NEMA

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 **2 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 9,900.00	**R 9,900.00**
1	In-House	R 13,300.00	**R 13,300.00**
1	On-Campus (Pretoria)	R 14,800.00	**R 14,800.00**

UPCOMING SESSIONS

Start	End	Method	Venue
01 Dec 2026	01 Dec 2026	On-Campus	Shenzhen, China
02 Dec 2026	02 Dec 2026	On-Campus	Dubai, UAE
03 Dec 2026	03 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
03 Dec 2026	03 Dec 2026	On-Campus	Lagos, Nigeria
04 Dec 2026	04 Dec 2026	On-Campus	Durban, South Africa
07 Dec 2026	07 Dec 2026	Online	—
07 Dec 2026	07 Dec 2026	On-Campus	Kigali, Rwanda
08 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-0374) 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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