



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

Management of oil deposits

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0279 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to effectively manage oil deposits, including exploration, extraction, storage, and distribution processes. Participants will understand regulatory compliance, environmental impact, and operational best practices within the South African context.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0279
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply principles of oil deposit management to optimize extraction and storage operations.
- Analyze regulatory requirements and environmental standards relevant to oil deposit management.
- Evaluate risks associated with oil deposit operations and implement mitigation strategies.
- Design procedures for safe handling, transportation, and disposal of oil deposits.
- Implement monitoring systems to ensure compliance with health, safety, and environmental policies.
- Demonstrate effective communication and record-keeping practices in oil deposit management.

WHO SHOULD ATTEND

- This course is designed for managers, supervisors, and technical staff involved in the oil and gas industry, including those in exploration, production, logistics, and environmental management.

COURSE OUTLINE

Day 1: Introduction to Oil Deposits and Management Frameworks

- Overview of oil deposits: types and characteristics
- Geological processes leading to oil accumulation
- Regulatory framework: SAQA, DMR, and environmental legislation
- Lifecycle stages: exploration, appraisal, development, production, decommissioning
- Principles of resource management: sustainability, economics, and safety

Day 2: Exploration and Evaluation Techniques

- Seismic surveys: 2D, 3D, and 4D
- Well logging and core analysis
- Reserve estimation methods: deterministic and probabilistic
- Risk analysis: technical, economic, and environmental
- Case studies of successful and failed exploration

Day 3: Production Operations and Well Management

- Primary recovery: natural drive mechanisms
- Secondary recovery: waterflooding and gas injection
- Enhanced oil recovery (EOR): thermal, chemical, miscible
- Well completion design and equipment
- Production monitoring: flow rates, pressures, and decline curves
- Well integrity management: corrosion, scale, and sand control

Day 4: Economic Evaluation and Project Management

- Economic indicators: NPV, IRR, payback period, profitability index
- Cost estimation: capital and operating expenditures
- Field development planning: phased vs. full development
- Risk and uncertainty analysis: sensitivity, scenario, Monte Carlo
- Project management: work breakdown structure, scheduling, resource allocation

Day 5: Environmental Management and Decommissioning

- Environmental impact assessment (EIA) process
- Spill prevention and response planning
- Waste management: produced water, cuttings, emissions
- Decommissioning options: abandonment, reuse, recycling
- HSE management systems: risk assessment, safety cases, audits
- Stakeholder engagement and community relations

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 24,200.00	R 24,200.00
1	In-House	R 31,400.00	R 31,400.00
1	On-Campus (Pretoria)	R 36,200.00	R 36,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	21 Aug 2026	On-Campus	Shenzhen, China
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 2026	On-Campus	London, UK

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

- Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0279) 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.
- 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.
- 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.
- 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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