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

Petroleum Economics

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0401 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with a comprehensive understanding of the economic principles that drive the petroleum industry, from exploration to retail. It covers market structures, pricing mechanisms, supply and demand dynamics, and the financial implications of petroleum projects, enabling informed decision-making in this complex sector.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0401
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 economic principles to analyze the petroleum value chain from upstream to downstream.
- Analyze global and local petroleum markets, including supply, demand, and price determinants.
- Evaluate the financial viability of petroleum projects using discounted cash flow and risk analysis.
- Demonstrate understanding of petroleum fiscal regimes and their impact on investment decisions.
- Design strategies to mitigate economic risks in petroleum operations.
- Implement economic forecasting techniques to support planning in petroleum enterprises.

WHO SHOULD ATTEND

- This course is designed for professionals working in or with the petroleum industry, including analysts, engineers, project managers, and financial personnel, as well as those seeking to enter the sector.

COURSE OUTLINE

Day 1: **Fundamentals of Petroleum Economics and Project Evaluation**

- Overview of the petroleum industry: exploration, development, production, refining, and marketing
- Global oil and gas markets: supply, demand, and pricing mechanisms
- Introduction to petroleum project life cycle and capital expenditure
- Time value of money: discounting, compounding, and net present value (NPV
- Internal rate of return (IRR) and payback period analysis
- Investment decision rules and their application
- Sensitivity analysis and scenario planning basics

Day 2: **Advanced Economic Modelling and Risk Management**

- Fiscal regimes: concessions, production sharing contracts, and risk service agreements
- Taxation and government take in petroleum projects
- Advanced cash flow modelling: capital costs, operating costs, revenue streams, and abandonment costs
- Incorporating inflation, exchange rates, and commodity price forecasts
- Risk and uncertainty: probability distributions, expected value, and decision trees
- Monte Carlo simulation for petroleum economics
- Portfolio analysis and capital allocation in oil and gas companies
- Case studies of real-world petroleum investment decisions

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-0401) 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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