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

Energy Risk Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0471 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, assess, and manage energy-related risks within an organisation. It focuses on developing strategies to mitigate financial, operational, and regulatory risks associated with energy use and procurement, thereby enhancing organisational resilience and sustainability.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0471
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 risk management principles to identify and classify energy-related risks in an organisational context.
- Analyze the impact of energy price volatility, supply disruptions, and regulatory changes on business operations.
- Evaluate different risk mitigation strategies, including hedging, diversification, and energy efficiency measures.
- Design an energy risk management plan that aligns with organisational objectives and risk appetite.
- Implement monitoring and reporting mechanisms to track energy risk indicators and performance.
- Demonstrate the ability to communicate energy risk findings and recommendations to stakeholders.

WHO SHOULD ATTEND

- This course is designed for energy managers, facility managers, sustainability officers, risk management professionals, and operations managers who are responsible for energy planning, procurement, and risk mitigation within their organisations.

COURSE OUTLINE

Day 1: **Foundations of Energy Risk Management**

- Overview of energy markets: electricity, oil, gas, renewables
- Types of risks: market, credit, operational, regulatory, environmental
- South African energy landscape: Eskom, IPPs, and regulatory bodies (NERSA, DOE
- Introduction to risk management frameworks (ISO 31000, COSO
- Key financial instruments: forwards, futures, options, swaps
- Basics of energy trading and price volatility
- Case studies of energy risk events
- Introduction to risk measurement: VaR, stress testing

Day 2: **Advanced Techniques and Practical Application**

- Quantitative methods: Value at Risk (VaR), Monte Carlo simulation
- Hedging strategies: futures, options, swaps, and structured products
- Portfolio management and risk optimization
- Credit risk: counterparty assessment, collateral management
- Operational risk: process safety, supply chain, and technology
- Regulatory and compliance updates: carbon tax, emissions trading
- Managing risks in renewable energy projects
- Case studies and group discussions on integrated risk management

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	Durban, South Africa
02 Dec 2026	03 Dec 2026	On-Campus	Dubai, UAE
03 Dec 2026	04 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
03 Dec 2026	04 Dec 2026	On-Campus	Cape Town, South Africa
10 Dec 2026	11 Dec 2026	On-Campus	Maseru, Lesotho
10 Dec 2026	11 Dec 2026	On-Campus	Kigali, Rwanda
10 Dec 2026	11 Dec 2026	On-Campus	Accra, Ghana
10 Dec 2026	11 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-0471) 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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