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 Operations Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0556 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to manage energy operations effectively within a corporate environment. It focuses on planning, monitoring, and optimizing energy usage to enhance efficiency and sustainability.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0556
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 energy management principles to develop an energy management plan for a workplace.
- Analyze energy consumption data to identify trends and areas for improvement.
- Evaluate the effectiveness of energy-saving measures and recommend improvements.
- Design a monitoring and reporting system to track energy performance.
- Implement energy efficiency initiatives in alignment with organisational goals and regulations.
- Demonstrate the ability to communicate energy management strategies to stakeholders.

WHO SHOULD ATTEND

- This course is designed for operations managers, facility managers, and energy coordinators who are responsible for overseeing energy consumption and implementing energy management strategies in their organizations.

COURSE OUTLINE

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

- Overview of the energy sector in South Africa (Eskom, IPPs, municipalities).
- Energy sources: coal, renewables, gas, nuclear – operational fundamentals.
- Energy legislation and compliance (NEEA, Carbon Tax, etc.).
- Principles of energy management and the energy management system (EnMS).
- Energy auditing: types, methodologies, and reporting.
- Key performance indicators (KPIs) for energy operations.
- Introduction to energy efficiency technologies and practices.
- Case studies of energy management in South African industries.

Day 2: **Advanced Operations, Optimization, and Integration**

- Energy management action plans: setting targets and priorities.
- Demand-side management (DSM) and load management strategies.
- Integrating renewable energy: solar PV, wind, storage systems.
- Energy monitoring and targeting (M&T;) using smart meters and SCADA.
- Data analytics for energy performance optimization.
- Financial evaluation of energy projects (ROI, payback, NPV).
- Project management for energy efficiency initiatives.
- Behavioural change and employee engagement for sustainability.

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-0556) 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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