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 Efficiency Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0456 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with the knowledge and skills to manage energy efficiency in a workplace, contributing to cost reduction and environmental sustainability. It covers energy auditing, monitoring, and the implementation of energy-saving measures.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0456
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 the principles of energy efficiency to identify opportunities for improvement.
- Analyze energy consumption data to determine usage patterns and areas of waste.
- Evaluate energy-saving technologies and practices for suitability in a specific context.
- Design an energy management plan for a workplace, including goals, actions, and monitoring methods.
- Implement energy-saving measures and monitor their effectiveness.
- Demonstrate the benefits of energy efficiency in terms of cost savings and environmental impact.

WHO SHOULD ATTEND

- Facilities managers, operations managers, and anyone responsible for energy use in an organisation.

COURSE OUTLINE

Day 1: **Foundations of Energy Efficiency and Management**

- Introduction to energy efficiency: benefits, drivers, and barriers.
- Energy use and environmental impact: greenhouse gas emissions and climate change.
- South African energy landscape: Eskom, municipalities, and energy pricing.
- Energy legislation and standards: SANS 50001, ISO 50001, and the National Energy Act.
- Energy management systems: structure, documentation, and certification.
- Energy auditing: types, methodology, and data collection.
- Energy performance indicators and baseline establishment.
- Case studies of successful energy efficiency initiatives.

Day 2: **Advanced Strategies and Implementation**

- Energy monitoring and targeting: data analysis, benchmarking, and reporting.
- Energy efficiency opportunities in lighting, HVAC, motors, and compressed air systems.
- Industrial energy efficiency: process optimisation, waste heat recovery, and cogeneration.
- Financial analysis: lifecycle costing, payback period, and return on investment.
- Project management for energy efficiency: planning, execution, and measurement & verification.
- Renewable energy integration: solar PV, solar thermal, and wind.
- Emerging technologies: smart grids, IoT, and energy storage.
- Developing an action plan and fostering a culture of energy efficiency.

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-0456) 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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