Accredited Africa Training Institute for Capacity Development
Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa
Tel: +27 12 004 8389 · Mobile: +27 65 077 6310
Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Energy Management for Facilities

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0465 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips facilities managers and related professionals with the knowledge and skills to effectively manage energy consumption in buildings and facilities. It covers energy auditing, efficiency strategies, and the implementation of sustainable energy practices to reduce costs and environmental impact.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0465
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 identify opportunities for reducing energy consumption in facilities.
- Analyze energy usage data to evaluate facility performance and identify areas for improvement.
- Design an energy management plan tailored to a specific facility, incorporating efficiency measures and renewable energy options.
- Implement energy-saving initiatives, including monitoring and verification of results.
- Demonstrate compliance with relevant South African energy regulations and standards.
- Evaluate the financial and environmental impact of energy management strategies.

WHO SHOULD ATTEND

- Facilities managers, building supervisors, maintenance managers, and energy coordinators responsible for the operational efficiency of commercial, industrial, or institutional facilities.

COURSE OUTLINE

Day 1: **Foundations of Energy Management**

- Introduction to energy management: definitions, benefits, and drivers
- Energy consumption in facilities: lighting, HVAC, equipment, and processes
- Energy benchmarking and performance indicators
- South African energy legislation, standards, and codes (e.g., SANS 50001, Energy Efficiency Strategy
- Energy audits: types and methodologies
- Energy data collection and analysis tools
- Key stakeholders and their roles in energy management
- Overview of energy management systems (EnMS) and ISO 50001

Day 2: **Advanced Applications and Integration**

- Energy-efficient technologies and retrofits (lighting, HVAC, motors, renewable energy
- Energy performance contracting and financing options
- Monitoring and targeting (M&T;): metering, data analysis, and reporting
- Energy management action plans: setting goals, implementing measures, and tracking progress
- Integration with facility management systems (BMS, CMMS
- Behavioral change and employee engagement strategies
- Preparing for ISO 50001 certification and audit processes
- Case studies and best practices in South African facilities

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-0465) 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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