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 Facilities Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0557 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips facilities and energy managers with the knowledge and skills to effectively manage energy systems within facilities, optimise energy usage, and reduce operational costs. Participants will learn to conduct energy audits, implement energy management plans, and monitor performance, contributing to organisational sustainability and compliance with South African regulations.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0557
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 and prioritise energy-saving opportunities in facility operations.
- Analyze energy consumption data to assess facility performance and identify inefficiencies.
- Evaluate the feasibility of energy efficiency measures and renewable energy technologies for facility applications.
- Design an energy management plan that aligns with organisational goals and regulatory requirements.
- Implement energy conservation measures and monitor their effectiveness using appropriate metrics.
- Demonstrate compliance with relevant South African energy legislation, standards, and best practices.

WHO SHOULD ATTEND

- This course is designed for facility managers, energy managers, maintenance supervisors, and technical professionals responsible for the operation and maintenance of building systems, who seek to enhance their energy management capabilities.

COURSE OUTLINE

Day 1: **Fundamentals of Energy Management in Facilities**

- Introduction to energy management and its benefits
- Overview of building energy systems (HVAC, lighting, etc.
- Energy auditing fundamentals (types, process, tools
- Energy performance indicators (EnPI) and benchmarking
- Regulatory framework: South African legislation (e.g., SANS 50001, Energy Efficiency Strategy
- Utility tariffs and energy procurement basics
- Energy efficiency opportunities in common facility systems

Day 2: **Advanced Strategies and Implementation**

- Energy management systems (EnMS) aligned with ISO 50001
- Renewable energy integration (solar PV, etc.
- Financial appraisal: payback, NPV, IRR
- Energy performance contracting and ESCOs
- Measurement and verification (M&V;) protocols
- Behavioural change and energy culture
- Case studies and best practice 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-0557) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za