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

Sustainable Energy Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0526 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with the knowledge and skills to effectively manage sustainable energy resources within their organisations. It covers the principles of energy efficiency, renewable energy options, and the implementation of energy management systems to reduce costs and environmental impact.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0526
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 sustainable energy management to identify opportunities for energy efficiency.
- Analyze energy consumption data to establish baselines and set performance targets.
- Evaluate renewable energy technologies for suitability in a given context.
- Design an energy management plan that aligns with organisational goals and legislative requirements.
- Implement energy-saving measures and monitor their effectiveness.
- Demonstrate an understanding of the impact of energy use on the environment and economy.

WHO SHOULD ATTEND

- This course is designed for facilities managers, operations supervisors, energy champions, and any professional responsible for improving energy performance in their organisation.

COURSE OUTLINE

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

- Introduction to sustainable energy: concepts, benefits, and challenges
- Energy management systems (EnMS) and ISO 50001 overview
- Energy efficiency and conservation fundamentals
- South African energy landscape: Eskom, renewable energy, and legislation
- Energy auditing: types, processes, and tools
- Energy performance indicators and benchmarking
- Stakeholder engagement and communication strategies
- Case studies of successful energy management in South Africa

Day 2: **Advanced Applications and Implementation Strategies**

- Energy management action planning: setting objectives and targets
- Renewable energy technologies: solar, wind, biomass, and hybrid systems
- Financial analysis: payback period, NPV, IRR, and life-cycle costing
- Measurement and verification (M&V;) protocols
- Behavioural change and employee engagement
- Energy management software and smart monitoring systems
- Risk management and contingency planning
- Preparing for ISO 50001 certification and continuous improvement

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	Dubai, UAE
02 Dec 2026	03 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
02 Dec 2026	03 Dec 2026	On-Campus	Cape Town, South Africa
03 Dec 2026	04 Dec 2026	On-Campus	Shenzhen, China
03 Dec 2026	04 Dec 2026	On-Campus	Lagos, Nigeria
09 Dec 2026	10 Dec 2026	On-Campus	Maseru, Lesotho
09 Dec 2026	10 Dec 2026	On-Campus	Kigali, Rwanda
09 Dec 2026	10 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-0526) 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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