



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 Auditing

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0457 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with the skills to conduct comprehensive energy audits in commercial and industrial settings. It covers the principles of energy efficiency, data collection and analysis, identification of energy-saving opportunities, and the compilation of professional audit reports. By the end, learners will be able to drive sustainable energy practices within their organisations.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0457
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 auditing to assess energy consumption patterns in a facility.
- Analyze energy data to identify inefficiencies and quantify potential savings.
- Evaluate different energy-saving technologies and strategies for feasibility and impact.
- Design an energy audit plan tailored to the specific needs of an organisation.
- Implement energy audit processes, including on-site inspections and measurement.
- Demonstrate the ability to compile a comprehensive energy audit report with actionable recommendations.

WHO SHOULD ATTEND

- This course is designed for energy managers, facilities managers, engineers, environmental officers, and consultants who need to perform energy audits and implement energy efficiency measures.

COURSE OUTLINE

Day 1: Fundamentals of Energy Auditing

- Introduction to energy management and auditing
- Types of energy audits (walk-through, detailed, investment-grade)
- Energy legislation, standards, and regulations (SANS 50001, etc.)
- Energy sources, tariffs, and billing analysis
- Energy performance indicators (EnPIs) and baseline establishment
- Walk-through audit methodology
- Safety considerations during energy audits
- Introduction to energy auditing tools and instruments

Day 2: Advanced Auditing Techniques and Reporting

- Data logging and measurement instruments (power analyzers, thermal cameras)
- Analyzing energy consumption patterns and load profiles
- Identifying energy efficiency opportunities (lighting, HVAC, motors, compressed air)
- Financial analysis: simple payback, net present value, internal rate of return
- Energy audit reporting structure and content
- Presenting findings and recommendations
- Post-audit implementation and monitoring
- Case studies of successful energy audits

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 15,400.00	R 15,400.00
1	On-Campus (Pretoria)	R 17,800.00	R 17,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
30 Sep 2026	01 Oct 2026	In-House	—
30 Sep 2026	01 Oct 2026	On-Campus	Shenzhen, China
01 Oct 2026	02 Oct 2026	On-Campus	Blantyre, Malawi
05 Oct 2026	06 Oct 2026	On-Campus	Windhoek, Namibia
06 Oct 2026	07 Oct 2026	On-Campus	Kigali, Rwanda
06 Oct 2026	07 Oct 2026	Online	—
07 Oct 2026	08 Oct 2026	On-Campus	Lusaka, Zambia
07 Oct 2026	08 Oct 2026	On-Campus	Mbabane, Eswatini

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0457) and click **Get A Quote / Apply**. 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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