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 Management Software

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0559 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with the knowledge and skills to effectively implement and manage energy management software systems. It focuses on optimizing energy usage, reducing costs, and supporting sustainability initiatives through data-driven decision-making.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0559
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 software to collect, analyze, and report energy consumption data.
- Analyze energy data to identify inefficiencies and opportunities for energy savings.
- Evaluate the features and capabilities of different energy management software solutions.
- Design an energy management plan using software tools to meet organizational goals.
- Implement energy management software systems, including configuration and integration with existing infrastructure.
- Demonstrate the use of dashboards and reports to communicate energy performance to stakeholders.

WHO SHOULD ATTEND

- This course is designed for energy managers, facilities managers, sustainability officers, and IT professionals responsible for energy monitoring and management within their organizations.

COURSE OUTLINE

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

- Introduction to Energy Management Software (EMS
- Overview of energy management standards (ISO 50001, SANS 50001
- Key components: data acquisition, analytics, reporting, and control
- User interface and navigation basics
- Data sources: smart meters, sensors, and manual entry
- Energy performance indicators (EnPIs) and baselines
- Introduction to energy dashboards and reporting
- Case studies of EMS in South African industries

Day 2: **Advanced Applications and Integration**

- Advanced data analytics: trend analysis, anomaly detection, and forecasting
- Setting up alerts and automated reports
- Energy benchmarking and normalisation
- Integration with building management systems (BMS) and industrial control systems
- Using EMS for demand response and peak load management
- Compliance reporting and regulatory submissions
- Developing an energy management action plan
- Best practices for EMS implementation and maintenance

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	Durban, South Africa
02 Dec 2026	03 Dec 2026	On-Campus	Dubai, UAE
03 Dec 2026	04 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
03 Dec 2026	04 Dec 2026	On-Campus	Cape Town, South Africa
10 Dec 2026	11 Dec 2026	On-Campus	Maseru, Lesotho
10 Dec 2026	11 Dec 2026	On-Campus	Kigali, Rwanda
10 Dec 2026	11 Dec 2026	On-Campus	Accra, Ghana
10 Dec 2026	11 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-0559) 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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