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 Transition

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0537 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips professionals with the knowledge and skills to understand and manage the transition from traditional energy sources to sustainable alternatives. It covers policy frameworks, technology options, and strategic planning to enable organisations to navigate the energy transition effectively.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0537
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

- Analyse the drivers and impacts of the global energy transition on business and society.
- Evaluate different renewable energy technologies and their suitability for various applications.
- Design strategic energy transition plans that consider technical, economic, and regulatory factors.
- Implement energy efficiency measures and integrate renewable energy sources into existing systems.
- Demonstrate an understanding of relevant South African and international energy policies and regulations.
- Assess the financial and environmental implications of energy transition projects.

WHO SHOULD ATTEND

- This course is designed for energy managers, sustainability officers, project managers, and professionals involved in energy planning or policy implementation within corporate, government, or non-profit sectors.

COURSE OUTLINE

Day 1: **Foundations of the Energy Transition**

- Introduction to the energy transition: definitions and global context
- South Africa's energy mix and the case for change
- Drivers: climate change, energy security, economics, and technology
- Overview of renewable energy technologies (solar, wind, hydro, biomass
- Energy efficiency and demand-side management
- Key policies: IRP, NDC, and the Just Transition Framework
- Stakeholder mapping: government, industry, communities, and labour
- Challenges and opportunities for South Africa

Day 2: **Implementing the Energy Transition**

- Renewable energy project lifecycle: feasibility, financing, and implementation
- Grid integration and the role of smart grids
- Energy storage technologies: batteries, pumped hydro, and emerging options
- Just transition: social, labour, and community implications
- Environmental impact assessment and mitigation
- Financing mechanisms: PPAs, green bonds, and carbon credits
- Case studies: renewable energy projects in South Africa
- Developing a transition roadmap: steps and best practices

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-0537) 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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