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 Project Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0472 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to manage energy projects effectively, from initiation to closure, within the context of the South African energy sector. It focuses on integrating project management principles with energy-specific considerations such as sustainability, regulatory compliance, and stakeholder engagement.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0472
Accreditation	SAQA Accredited · NQF Level 5 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS — verifiable online

LEARNING OUTCOMES

- Apply project management principles and methodologies to plan and execute energy projects.
- Analyze energy project requirements, including technical, financial, and regulatory constraints.
- Evaluate risks and develop mitigation strategies specific to energy projects.
- Design project schedules and resource allocation plans using appropriate tools and techniques.
- Implement monitoring and control mechanisms to track project progress and performance.
- Demonstrate effective communication and stakeholder engagement in an energy project context.

WHO SHOULD ATTEND

- Project managers, engineers, and technical professionals involved in energy projects, as well as those aspiring to lead energy initiatives in the public or private sector.

COURSE OUTLINE

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

- Overview of energy sources (renewable, non-renewable) and their project implications.
- Introduction to project management lifecycle (initiation, planning, execution, monitoring, closure).
- Key project management frameworks (PMBOK, PRINCE2) and their relevance to energy.
- Stakeholder identification and engagement in energy projects.
- Regulatory framework for energy projects in South Africa (NEMA, NERSA, etc.).
- Environmental and social impact assessments (ESIA) basics.
- Project charter and scope definition for energy projects.
- Case studies of energy projects (e.g., renewable energy IPP programme).

Day 2: **Planning, Scheduling, and Risk Management**

- Detailed project planning: scope, time, cost, quality, and communication plans.
- Work breakdown structures (WBS) and critical path method (CPM) scheduling.
- Resource allocation and leveling in energy projects.
- Risk identification, assessment, and response planning (qualitative and quantitative).
- Procurement and contract strategies (EPC, BOOT, etc.) in energy.
- HSE planning and compliance in energy projects.
- Use of project management software (e.g., MS Project) for scheduling.
- Case study: planning a solar PV or wind farm project.

Day 3: **Execution, Monitoring, and Integration**

- Project execution strategies and team leadership in energy projects.
- Monitoring and control: KPIs, progress tracking, and performance reporting.
- Earned value management (EVM) for cost and schedule control.
- Change management and configuration control.
- Communication and stakeholder management during execution.
- Quality assurance and control in energy project deliverables.
- Project closure: handover, documentation, and lessons learned.
- Integration of project management knowledge areas: a comprehensive case study.

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 **6 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,900.00	**R 13,900.00**
1	In-House	R 18,700.00	**R 18,700.00**
1	On-Campus (Pretoria)	R 20,800.00	**R 20,800.00**

UPCOMING SESSIONS

Start	End	Method	Venue
01 Dec 2026	03 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
01 Dec 2026	03 Dec 2026	On-Campus	Dubai, UAE
02 Dec 2026	04 Dec 2026	On-Campus	Shenzhen, China
02 Dec 2026	04 Dec 2026	On-Campus	Cape Town, South Africa
08 Dec 2026	10 Dec 2026	On-Campus	Maseru, Lesotho
08 Dec 2026	10 Dec 2026	On-Campus	Kigali, Rwanda
08 Dec 2026	10 Dec 2026	On-Campus	Accra, Ghana
08 Dec 2026	10 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-0472) 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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