



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

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COURSE BROCHURE

Ship Electrical Power Generation and Distribution Systems

Law, Military Science and Security / Sovereignty of the State

Unit Standard 259421 · NQF Level 4 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips marine engineering personnel with a comprehensive understanding of electrical power generation, distribution, and safety systems on ships. Participants will gain the knowledge to operate, maintain, and troubleshoot shipboard electrical systems in compliance with international maritime regulations and safety standards.

Category	Law, Military Science and Security
Subfield	Sovereignty of the State
Unit Standard	259421
Accreditation	SAQA Accredited · NQF Level 4 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate understanding of the principles of electrical power generation on ships, including alternators and prime movers.
- Analyze the configuration and operation of ship electrical distribution systems, including switchboards and protective devices.
- Apply safety procedures and regulations related to ship electrical systems, including isolation and lockout/tagout.
- Evaluate common faults and troubleshooting techniques for ship electrical generation and distribution systems.
- Interpret electrical schematics and single-line diagrams used in ship electrical systems.

WHO SHOULD ATTEND

- Marine engineers, electrical technicians, and ship engineering officers responsible for the operation and maintenance of ship electrical power systems.

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 **10 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	18 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	18 Aug 2026	On-Campus	Mauritius
11 Aug 2026	19 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	20 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa
14 Aug 2026	24 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	25 Aug 2026	On-Campus	Shenzhen, China
18 Aug 2026	26 Aug 2026	On-Campus	Dubai, UAE

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 259421) 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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