



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

Gate Automation Fundamentals for Technicians

Law, Military Science and Security / Safety in Society

Unit Standard 244322 · NQF Level 4 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips technicians with the foundational knowledge and practical skills required to understand, install, and maintain residential and light commercial gate automation systems. It covers the principles of gate automation, safety protocols, and basic troubleshooting techniques, ensuring compliance with South African standards. By the end of the training, participants will be able to demonstrate a comprehensive understanding of gate automation components and their safe operation.

Category	Law, Military Science and Security
Subfield	Safety in Society
Unit Standard	244322
Accreditation	SAQA Accredited · NQF Level 4 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate an understanding of the basic principles and components of gate automation systems.
- Apply safety regulations and procedures during the installation and maintenance of automated gates.
- Analyze different types of gate automation systems and select appropriate components for specific applications.
- Evaluate common faults and perform basic troubleshooting on gate automation systems.
- Install and commission a basic gate automation system following manufacturer specifications and industry best practices.

WHO SHOULD ATTEND

- This course is designed for aspiring and practicing technicians, installers, and maintenance personnel who are new to gate automation or seeking formal recognition of their skills.
- It is also suitable for electricians and handymen looking to expand their service offerings.

COURSE OUTLINE

Day 1: Gate Automation Fundamentals for Technicians

- Introduction to gate automation: types, applications, and benefits.
- Safety regulations and standards (SANS, OHS Act).
- Components: motors, control boards, sensors, remote controls, and accessories.
- Electrical fundamentals: power supply, wiring, and circuit protection.
- Installation procedures: mounting, alignment, and connections.
- Programming and configuration of control systems.
- Troubleshooting common faults: motor issues, sensor failures, communication errors.
- Maintenance practices: lubrication, inspection, and component replacement.

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 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Mauritius
13 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	17 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	17 Aug 2026	On-Campus	Abu Dhabi, 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 244322) 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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