



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

Radio Transceiver Operation for South Africa

Services / Transport, Operations and Logistics

Unit Standard 260918 · NQF Level 3 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to operate a radio transceiver effectively and safely within South African contexts, including compliance with ICASA regulations. It covers fundamental radio theory, operational procedures, and emergency communication protocols to ensure reliable communication in various sectors such as security, transportation, and emergency services.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	260918
Accreditation	SAQA Accredited · NQF Level 3 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the ability to operate a radio transceiver in accordance with manufacturer instructions and South African regulatory requirements.
- Apply correct radio communication procedures, including call signs, phonetic alphabet, and standard message formats.
- Evaluate signal quality and troubleshoot common transmission issues to maintain effective communication.
- Implement safety protocols and emergency procedures when using radio transceivers in various environments.
- Analyze the impact of terrain, weather, and interference on radio signal propagation and adjust operations accordingly.
- Comply with ICASA licensing and frequency usage regulations relevant to radio transceiver operation.

WHO SHOULD ATTEND

- This course is designed for individuals who need to use two-way radio communication as part of their job, including security personnel, fleet controllers, event coordinators, and emergency response team members in South Africa.

COURSE OUTLINE

Day 1: Radio Transceiver Fundamentals and Operation

- Overview of ICASA regulations and licensing requirements
- Radio transceiver components: transmitter, receiver, antenna, power supply
- Frequency bands and channel allocation in South Africa
- Operating procedures: power-up, channel selection, transmission etiquette
- Communication protocols: call signs, phonetic alphabet, prowords
- Safety considerations: RF exposure, antenna installation
- Basic troubleshooting: interference, low power, antenna faults
- Practical exercise: radio operation and communication

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 **3 NQF credits** at **NQF Level 3**.

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
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Mauritius
14 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
14 Aug 2026	14 Aug 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 QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 260918) 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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