



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

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Sound System Setup And Audio Equipment Installation Training

Culture and Arts / Music

Unit Standard 114537 · NQF Level 4 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the practical skills and theoretical knowledge required to set up, configure, and install professional sound systems and audio equipment. Participants will learn to ensure optimal audio quality and system reliability in various environments, including corporate venues, conference halls, and event spaces.

Category	Culture and Arts
Subfield	Music
Unit Standard	114537
Accreditation	SAQA Accredited · NQF Level 4 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the ability to plan and prepare for the installation of sound systems and audio equipment according to specifications.
- Apply correct procedures for connecting, configuring, and testing audio equipment such as mixers, amplifiers, speakers, and microphones.
- Analyze audio system performance and troubleshoot common issues to ensure optimal sound quality.
- Implement safety protocols and comply with relevant regulations during installation and operation.
- Evaluate audio system setups to meet the acoustic requirements of different venues.
- Design basic sound system layouts for small to medium-sized venues.

WHO SHOULD ATTEND

- This course is designed for technicians, event coordinators, and AV installers who are responsible for the setup and maintenance of audio systems in corporate, educational, or entertainment settings.

COURSE OUTLINE

Day 1: Fundamentals of Sound Systems and Audio Equipment

- Introduction to sound: frequency, amplitude, and acoustics.
- Audio signal flow: from source to output.
- Overview of microphones, mixers, amplifiers, and speakers.
- Cables and connectors: types, uses, and best practices.
- Basic system setup: connecting components correctly.
- Safety protocols: electrical safety, cable management, and equipment handling.
- Practical exercise: setting up a simple PA system.

Day 2: Installation Techniques and System Configuration

- Installation planning: site assessment and equipment placement.
- Rack mounting and equipment housing.
- Cable routing, termination, and labeling.
- Mixer setup: gain staging, EQ, and auxiliary sends.
- Signal processors: compressors, equalizers, and effects.
- Troubleshooting: identifying and resolving hum, noise, and feedback.
- Practical exercise: installing a multi-component sound system.

Day 3: Advanced Applications, Integration, and System Testing

- Digital mixers: features, setup, and remote control.
- Networked audio: Dante, AVB, and CobraNet basics.
- System tuning: using measurement microphones and software.
- Acoustic considerations: room EQ and speaker alignment.
- Testing procedures: signal flow verification and level setting.
- Documentation: system diagrams, equipment lists, and user guides.
- Practical exercise: full system integration and final sound check.
- Review and assessment of competencies.

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 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Mauritius
12 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	19 Aug 2026	On-Campus	Shenzhen, China
17 Aug 2026	19 Aug 2026	On-Campus	Pretoria, 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 114537) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za