



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

Sound Operation For Film Television And Video Production Training

Communication Studies and Language / Communication Studies

Unit Standard 117530 · NQF Level 4 · 7 Credits · 4 Days

COURSE OVERVIEW

This course equips learners with the practical skills and theoretical knowledge required to operate sound equipment effectively in film, television, and video production environments. Participants will gain hands-on experience in capturing, mixing, and monitoring audio to industry standards, ensuring high-quality soundtracks for various media formats.

Category	Communication Studies and Language
Subfield	Communication Studies
Unit Standard	117530
Accreditation	SAQA Accredited · NQF Level 4 · 7 Credits
Duration	4 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply fundamental principles of acoustics and sound physics to optimize audio capture in diverse production settings.
- Demonstrate proficiency in setting up, calibrating, and operating microphones, mixers, and recording devices.
- Analyze audio signals using waveform monitors and meters to ensure proper levels and avoid distortion.
- Implement location sound recording techniques, including boom operation and wireless microphone management.
- Evaluate and troubleshoot common audio issues such as noise, feedback, and phase cancellation during production.
- Design basic audio post-production workflows for dialogue, sound effects, and ambient sound integration.

WHO SHOULD ATTEND

- This course is designed for aspiring sound technicians, production assistants, and media professionals seeking to specialize in audio production for film, television, and video.
- It is also suitable for individuals transitioning into the broadcast and entertainment industries.

COURSE OUTLINE

Day 1: Fundamentals of Sound and Audio Equipment

- Physics of sound: frequency, amplitude, phase, and wavelength.
- Acoustic principles: reflection, absorption, diffusion, and room modes.
- Overview of audio equipment: microphones, cables, connectors, mixers, recorders.
- Microphone types: dynamic, condenser, ribbon; polar patterns (cardioid, omnidirectional, figure-8).
- Microphone placement techniques for dialogue, ambience, and effects.
- Signal flow: from source to recorder; balanced vs. unbalanced connections.
- Gain staging: setting input levels, avoiding distortion and noise.
- Practical exercise: setting up a basic audio chain and recording test tones.

Day 2: Location Sound Recording and Mixing Techniques

- Location sound kit: field mixer, recorder, boom pole, wind protection, wireless systems.
- Boom operation: technique, handling, and avoiding shadows.
- Wireless microphones: frequency coordination, transmitter placement, antenna considerations.
- Mixing on location: balancing multiple sources, monitoring, and metadata.
- Dealing with common issues: handling noise, AC hum, traffic, and weather.
- Recording wild tracks, room tone, and sound effects on location.
- Practical exercise: recording a dialogue scene with boom and lavaliers.
- Troubleshooting: identifying and resolving audio problems on set.

Day 3: Post-Production Sound Editing and Mixing

- DAW fundamentals: session setup, tracks, editing tools, and shortcuts.
- Dialogue editing: cutting, crossfading, levelling, and removing clicks/pops.
- Noise reduction tools: spectral editing, gates, and plugins.
- ADR and voice-over: recording and synchronising replacement dialogue.
- Sound effects: sourcing, editing, and layering for realism.
- Foley: recording footsteps, props, and cloth movements to picture.
- Music: spotting, editing, and balancing with dialogue and effects.
- Practical exercise: editing and mixing a short scene from raw location audio.

Day 4: Final Mix, Delivery, and Industry Practices

- Mixing workflow: balancing levels, EQ, compression, and spatial placement.
- Loudness standards: LUFS, true peak, and specs for TV, film, and web.
- Surround sound basics: 5.1 and 7.1 setup, panning, and monitoring.
- Delivery formats: WAV, AIFF, stems, and metadata requirements.
- Industry roles: production sound mixer, sound designer, re-recording mixer.
- Collaboration: communication with director, editor, and post-production supervisor.
- Career pathways: freelancing, studio work, and continuing education.
- Final project: complete a polished mix of a short film scene with feedback.

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 **7 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 20,500.00	R 20,500.00
1	In-House	R 26,600.00	R 26,600.00
1	On-Campus (Pretoria)	R 30,800.00	R 30,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	13 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	13 Aug 2026	On-Campus	Mauritius
18 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
18 Aug 2026	21 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 117530) 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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