



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

Film and Television Rig Lighting

Communication Studies and Language / Communication Studies

Unit Standard 255765 · NQF Level 5 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to rig lighting for film and television productions, ensuring safe and effective illumination for various scenes. Participants will learn to set up, adjust, and maintain lighting equipment in compliance with industry standards and safety regulations.

Category	Communication Studies and Language
Subfield	Communication Studies
Unit Standard	255765
Accreditation	SAQA Accredited · NQF Level 5 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the ability to interpret lighting plans and rigging instructions for film and television sets.
- Apply safe working practices when handling and positioning lighting equipment.
- Implement appropriate lighting techniques to achieve desired visual effects.
- Evaluate lighting setups and make adjustments to meet production requirements.
- Design basic lighting rigs for different scene types, including interior and exterior shoots.

WHO SHOULD ATTEND

- This course is designed for aspiring lighting technicians, grips, and production assistants in the film and television industry who seek to specialize in lighting rigging.

COURSE OUTLINE

Day 1: Introduction to Rig Lighting & Electrical Principles

- Overview of rig lighting in film/TV.
- Electrical fundamentals: voltage, current, power.
- Safety protocols: lockout/tagout, PPE, fire safety.
- Types of lighting fixtures: Fresnel, LED, HMI.
- Lighting stands, clamps, and mounting hardware.
- Cables, connectors, and distribution.
- Basic rigging knots and hitches.
- Introduction to lighting plans and paperwork.

Day 2: Lighting Design & Pre-Rigging Preparation

- Reading lighting plots and symbols.
- Load calculations and power distribution.
- Rigging plans and communication with gaffer.
- Pre-rigging checks: equipment inspection.
- Colour temperature and filters.
- Practical lighting scenarios (interior/exterior).
- Ladder and lift safety.
- Documentation and labelling.

Day 3: Rigging Techniques & Equipment Handling

- Rigging on stands: height, stability, sandbags.
- Truss and grid rigging: clamps, couplers, safety bonds.
- Counterweight systems and loading.
- Cable management: dressing, taping, protection.
- Connector types: powerCon, Socapex, Bates.
- Wiring basics: cable repair and assembly.
- Common faults: flickering, tripping, overheating.
- Team coordination during rigging.

Day 4: Advanced Rigging & Specialised Equipment

- Moving light rigging and data cabling.
- DMX control and dimmer racks.
- Generator setup: load balancing, grounding.
- Battery-operated lighting rigging.
- Rigging for chroma key.
- Practical effects: rain, smoke, fire effects lighting.
- High-speed and underwater rigging considerations.
- Safety with heavy or awkward fixtures.

Day 5: Integration, Strike & Industry Best Practices

- Collaboration with grip, electric, and camera departments.
- Strike protocols: de-rigging, packing, inventory.
- Waste disposal and environmental practices.
- Industry certifications and career progression.
- Review of safety incidents and lessons learned.

- Simulated production scenario: rig, operate, strike.
- Final assessment and feedback.
- Course wrap-up and resources.

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 **8 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 24,200.00	R 24,200.00
1	In-House	R 31,400.00	R 31,400.00
1	On-Campus (Pretoria)	R 36,200.00	R 36,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 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 255765) 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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