



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

Jib Crane Operation in Studio Environments

Communication Studies and Language / Media Studies

Unit Standard 243978 · NQF Level 5 · 9 Credits · 6 Days

COURSE OVERVIEW

This course equips learners with the skills and knowledge required to safely and efficiently operate jib cranes in studio environments. Participants will gain practical competence in setting up, maneuvering, and dismantling jib equipment, ensuring compliance with industry safety standards and best practices.

Category	Communication Studies and Language
Subfield	Media Studies
Unit Standard	243978
Accreditation	SAQA Accredited · NQF Level 5 · 9 Credits
Duration	6 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the ability to conduct pre-operational safety checks on jib cranes and associated equipment.
- Apply correct techniques for setting up and balancing jibs in various studio configurations.
- Operate jib cranes smoothly to achieve desired camera movements while ensuring load stability.
- Evaluate potential hazards in the studio environment and implement appropriate safety measures.
- Perform routine maintenance and troubleshooting on jib equipment to ensure reliable performance.
- Comply with relevant health, safety, and environmental regulations during jib operations.

WHO SHOULD ATTEND

- This course is designed for camera operators, lighting technicians, and studio crew who need to operate jib cranes as part of their daily production work.
- It is also suitable for aspiring technicians seeking to expand their skills in studio equipment handling.

COURSE OUTLINE

Day 1: Introduction to Jib Cranes and Studio Safety

- Types of jib cranes: wall-mounted, free-standing, and articulating
- Components: boom, column, trolley, hoist, and controls
- Relevant legislation: OHS Act, SANS 10294, and SAQA unit standards
- Studio-specific hazards: overhead obstructions, lighting rigs, and personnel movement
- Personal protective equipment (PPE) requirements
- Pre-use inspection checklist
- Emergency procedures and stop controls

Day 2: Pre-Operational Checks and Rigging Fundamentals

- Daily inspection procedures: wire rope, hooks, limit switches
- Rigging equipment: slings, shackles, eyebolts, and spreader bars
- Load weight estimation and SWL calculations
- Effect of angles on sling tension
- Standard hand signals for crane operations
- Radio communication and team coordination

Day 3: Basic Lifting Techniques and Load Control

- Starting and stopping procedures: acceleration/deceleration
- Lifting, lowering, and slewing techniques
- Load swing dynamics and damping methods
- Tag line use and placement
- Handling off-center and unbalanced loads
- Simulated emergency scenarios: power failure, load shift

Day 4: Studio-Specific Application and Obstacle Navigation

- Studio layout considerations: limited headroom, floor loading
- Lifting near sensitive equipment: cameras, sound gear
- Coordinated lifts with multiple operators
- Working at height and fall protection
- Electrical safety: proximity to overhead power lines
- Case studies of studio lifting incidents

Day 5: Advanced Operations and Maintenance Awareness

- Tandem lift planning and execution
- Load equalization and center of gravity adjustment
- Wear indicators: wire rope, brake linings, bearings
- Lubrication schedules and points
- Fault reporting and corrective actions
- Operator logbooks and daily records

Day 6: Assessment, Review, and Practical Integration

- Comprehensive practical assessment: pre-use check, lift plan, execution
- Written test on regulations, calculations, and procedures
- Feedback session and error correction
- Review of course objectives and outcomes

- Resources for further training and certification
- Course evaluation and close-out

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 **9 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 26,900.00	R 26,900.00
1	In-House	R 35,000.00	R 35,000.00
1	On-Campus (Pretoria)	R 40,300.00	R 40,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
04 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	11 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	12 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	13 Aug 2026	On-Campus	Mauritius
07 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	17 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	18 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 243978) 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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