



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

Pendant Controlled Overhead Crane Operation Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 116235 · NQF Level 2 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to safely and efficiently operate a pendant-controlled overhead crane. It covers pre-operational inspections, load handling procedures, and emergency protocols to minimize workplace risks and comply with South African health and safety regulations.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	116235
Accreditation	SAQA Accredited · NQF Level 2 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate pre-operational inspection procedures for pendant-controlled overhead cranes.
- Apply safe lifting and load-handling techniques according to manufacturer specifications and OHS Act requirements.
- Evaluate load weight, center of gravity, and rigging equipment to ensure safe crane operation.
- Implement emergency shutdown and load-lowering procedures in simulated fault conditions.
- Analyze workplace hazards related to overhead crane operations and apply appropriate control measures.

WHO SHOULD ATTEND

- This course is designed for operators, riggers, and supervisors who use or oversee pendant-controlled overhead cranes in industrial, manufacturing, or warehousing environments.

COURSE OUTLINE

Day 1: Foundations of Pendant Controlled Overhead Crane Operation

- Overview of the Occupational Health and Safety Act and relevant regulations.
- Responsibilities of the operator and employer.
- Crane types, components (pendant, hoist, trolley, bridge), and terminology.
- Pre-operational inspection checklist: mechanical, electrical, and structural checks.
- Load capacity, centre of gravity, and safe working load (SWL).
- Hand signals and communication protocols.
- Basic operation: starting, stopping, and controlling crane movements.
- Practical exercise: pendant control familiarisation and slow-speed manoeuvring.

Day 2: Advanced Operation, Load Handling, and Practical Assessment

- Advanced manoeuvring: tandem lifts, load rotation, and tight-space placement.
- Handling unbalanced loads and using tag lines.
- Emergency procedures: power failure, load swing, and mechanical faults.
- Shutdown and securing the crane after operation.
- Daily and periodic maintenance tasks.
- Practical assessment: pre-op inspection, safe operation, and load handling.
- Evaluation of hand signals, communication, and safety compliance.
- Feedback and certification requirements.

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 **5 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	05 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	05 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	07 Aug 2026	On-Campus	Mauritius
06 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	11 Aug 2026	On-Campus	Mauritius
10 Aug 2026	11 Aug 2026	On-Campus	Dubai, 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 116235) 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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