



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

Implement Equipment Repair And Maintenance Training

Agriculture and Nature Conservation / Primary Agriculture

Unit Standard 116060 · NQF Level 2 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the skills to plan, coordinate, and oversee the repair and maintenance of equipment in industrial or workplace settings. Participants will learn to implement maintenance schedules, diagnose faults, and ensure compliance with safety standards, thereby minimising downtime and extending equipment life.

Category	Agriculture and Nature Conservation
Subfield	Primary Agriculture
Unit Standard	116060
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

- Plan and schedule routine maintenance activities for equipment using manufacturer specifications and operational requirements.
- Diagnose common equipment faults and determine appropriate repair procedures.
- Implement corrective and preventive maintenance actions in accordance with workplace policies and safety regulations.
- Evaluate maintenance outcomes and adjust procedures to improve equipment reliability and performance.
- Demonstrate compliance with relevant health, safety, and environmental standards during repair and maintenance tasks.

WHO SHOULD ATTEND

- This course is ideal for maintenance supervisors, engineering technicians, operations managers, and anyone responsible for the upkeep of machinery and equipment in manufacturing, mining, or service industries.

COURSE OUTLINE

Day 1: Foundational Principles of Equipment Repair and Maintenance

- Role of maintenance in operational efficiency and safety
- Types of maintenance: preventive, corrective, predictive
- Equipment identification and component functions
- Workplace safety: lockout/tagout, PPE, and hazard identification
- Reading and interpreting maintenance manuals and schedules
- Basic fault-finding methods: visual inspection, testing, and measurement
- Use of hand tools and basic diagnostic equipment
- Record keeping and reporting maintenance activities

Day 2: Practical Application and Advanced Maintenance Techniques

- Step-by-step repair procedures for typical mechanical and electrical faults
- Lubrication, alignment, and adjustment techniques
- Replacement of worn components: belts, bearings, seals, filters
- Advanced troubleshooting using schematics and flow diagrams
- Precision measurement and calibration
- Testing equipment functionality after repair
- Quality assurance and compliance with standards
- Reporting and feedback for maintenance system improvement

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
11 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Durban, 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 116060) 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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