



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

Physical Asset Management

Custom Courses / Engineering & Technical Maintenance

Unit Standard AATICD-0214 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to effectively manage physical assets throughout their lifecycle, from acquisition to disposal. Participants will learn to optimize asset performance, reduce costs, and ensure compliance with relevant regulations, enhancing organizational efficiency and sustainability.

Category	Custom Courses
Subfield	Engineering & Technical Maintenance
Unit Standard	AATICD-0214
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply principles of physical asset management to develop a lifecycle management plan for a selected asset.
- Analyze asset performance data to identify improvement opportunities and optimize maintenance strategies.
- Evaluate risk management techniques to mitigate asset-related risks and ensure business continuity.
- Design a preventive maintenance schedule based on asset criticality and manufacturer recommendations.
- Implement asset tracking and documentation procedures to maintain accurate asset registers.
- Demonstrate compliance with relevant South African legislation and standards governing physical asset management.

WHO SHOULD ATTEND

- This course is designed for asset managers, maintenance supervisors, operations managers, and any professionals responsible for the management of physical assets in industries such as manufacturing, logistics, utilities, and facilities management.

COURSE OUTLINE

Day 1: Introduction to Physical Asset Management

- Overview of physical asset management.
- Asset lifecycle: acquisition, operation, maintenance, disposal.
- Key principles: value, alignment, leadership, assurance.
- Introduction to ISO 55000 series.
- Roles and responsibilities in asset management.

Day 2: Asset Strategy and Planning

- Asset management policy and strategy formulation.
- Risk assessment and management in asset management.
- Lifecycle cost analysis.
- Capital investment planning and prioritisation.
- Maintenance strategy development (reactive, preventive, predictive).

Day 3: Asset Performance and Condition Monitoring

- Performance measurement and KPIs (OEE, availability, reliability).
- Condition monitoring techniques: vibration, thermography, oil analysis.
- Data collection and analysis for decision-making.
- Reliability-centred maintenance (RCM) methodology.
- Failure modes and effects analysis (FMEA).

Day 4: Asset Lifecycle Management and Optimisation

- Asset acquisition and commissioning processes.
- Maintenance optimisation: planning, scheduling, and execution.
- Spare parts management and inventory optimisation.
- Asset renewal, refurbishment, and disposal strategies.
- Continuous improvement: root cause analysis, Kaizen.

Day 5: Integration, Audit, and Future Trends

- Integration with financial, HR, and operational systems.
- Auditing asset management systems (ISO 55001).
- Emerging technologies: IoT, AI, predictive analytics, digital twins.
- Sustainability and asset management.
- Developing a personal action plan for asset management 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 **10 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
17 Aug 2026	21 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	21 Aug 2026	On-Campus	Shenzhen, China
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 2026	On-Campus	London, UK

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 AATICD-0214) 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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