



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

Building Maintenance

Custom Courses / Property & Facilities Management

Unit Standard AATICD-0240 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the practical skills and knowledge required to perform routine building maintenance tasks in a commercial or industrial environment. It covers the identification, inspection, and basic repair of building systems and structures, ensuring safety and compliance with relevant regulations. By the end of this course, participants will be able to contribute effectively to the upkeep and longevity of building assets.

Category	Custom Courses
Subfield	Property & Facilities Management
Unit Standard	AATICD-0240
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

- Identify and inspect common building systems including electrical, plumbing, HVAC, and structural components.
- Apply basic maintenance and repair techniques for building fixtures and fittings.
- Demonstrate safe work practices in accordance with occupational health and safety regulations.
- Implement a routine maintenance schedule to prevent deterioration and extend asset life.
- Analyze building defects and recommend appropriate corrective actions.
- Evaluate the condition of building elements and prioritize maintenance tasks.

WHO SHOULD ATTEND

- This course is ideal for maintenance staff, facilities managers, and property caretakers who are responsible for the day-to-day upkeep of buildings.
- It is also suitable for individuals seeking to enter the building maintenance field.

COURSE OUTLINE

Day 1: Introduction to Building Maintenance and Safety

- Overview of building maintenance: types (preventative, corrective, predictive).
- Building components: structural, electrical, plumbing, HVAC.
- Common building materials: concrete, brick, wood, metal, glass.
- Health and safety regulations (OHSA).
- Personal protective equipment (PPE).
- Basic hand tools and power tools.
- Introduction to maintenance planning and scheduling.
- Importance of documentation and reporting.

Day 2: Structural and Masonry Maintenance

- Structural defects: cracks, settlement, dampness.
- Masonry repair techniques: repointing, patching, plastering.
- Waterproofing: damp-proof courses, sealants, membranes.
- Roof maintenance: types (tile, metal, flat), leak detection, gutter cleaning.
- Concrete repair: spalling, crack injection, surface treatments.
- Inspection checklists for structural elements.
- Safety considerations for working at heights.
- Record keeping for structural maintenance.

Day 3: Electrical and Plumbing Systems Maintenance

- Electrical systems: circuits, switches, sockets, lighting.
- Electrical safety: lockout/tagout, testing for live circuits.
- Common electrical faults: tripping, loose connections, bulb replacement.
- Plumbing systems: water supply pipes, fittings, valves.
- Drainage systems: unblocking drains, cleaning traps.
- Tap and toilet repairs: washers, floats, cisterns.
- Regulations: SANS 10142 (electrical), SANS 10252 (plumbing).
- Energy and water efficiency practices.

Day 4: HVAC, Painting, and Finishing Maintenance

- HVAC systems: types (split, ducted), filter replacement, condenser cleaning.
- Painting: surface preparation, primer, paint types, application methods.
- Door and window maintenance: hinges, handles, seals, glazing.
- Locks and security hardware: lubrication, adjustment, replacement.
- Pest control: common pests (termites, rodents), treatments.
- Fire safety: extinguishers, alarms, sprinklers, inspection schedules.
- Flooring maintenance: tiles, carpets, vinyl.
- Finishing touches: caulking, grouting, sealing.

Day 5: Maintenance Planning, Inspection, and Practical Integration

- Maintenance planning: work orders, scheduling, inventory management.
- Building inspection: systematic approach, checklist usage.
- Reporting: defect identification, photographic evidence, recommendations.
- Cost estimation: materials, labour, contractor quotes.
- Legal aspects: warranties, service level agreements, compliance.

- Emergency maintenance procedures.
- Sustainability in maintenance: green practices.
- Course review and assessment.

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
03 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
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

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-0240) 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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