



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Select Use And Care For Hand Tools And Basic Equipment In Environmentally Related Contexts Training

Physical, Mathematical, Computer and Life Sciences / Environmental Sciences

Unit Standard 119302 · NQF Level 1 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to select, use, and care for hand tools and basic equipment in environmentally related contexts. It covers safe handling practices, basic maintenance, and environmental considerations, ensuring compliance with workplace health and safety standards.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Environmental Sciences
Unit Standard	119302
Accreditation	SAQA Accredited · NQF Level 1 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Select appropriate hand tools and basic equipment for specific environmental tasks.
- Demonstrate safe and correct use of hand tools and basic equipment.
- Apply basic maintenance and care procedures to extend tool life.
- Analyze environmental factors affecting tool selection and use.
- Implement waste management and disposal practices for tools and materials.
- Evaluate risks associated with tool use and apply corrective measures.

WHO SHOULD ATTEND

- This course is designed for workers, technicians, and supervisors in environmental, agricultural, or construction sectors who use hand tools and basic equipment as part of their daily tasks.

COURSE OUTLINE

Day 1: Introduction to Hand Tools and Basic Equipment

- Overview of hand tools: spades, forks, pruners, loppers, saws, and trowels.
- Basic equipment: wheelbarrows, watering cans, buckets, and measuring tools.
- Tool selection criteria based on task requirements and environmental conditions.
- Safety precautions: personal protective equipment (PPE) and hazard awareness.
- Proper storage: cleaning, drying, and organising tools to prevent damage and accidents.
- Environmental considerations: reducing waste through tool care and responsible disposal.
- Introduction to tool maintenance: sharpening, oiling, and tightening handles.

Day 2: Safe Use and Care of Tools in Environmental Work

- Techniques for digging, cutting, pruning, and cultivating with hand tools.
- Ergonomic practices to prevent strain and injury during prolonged use.
- Tool care: cleaning after use, rust prevention, and blade sharpening.
- Basic repairs: replacing handles, tightening fasteners, and dressing edges.
- Risk assessment: weather conditions, terrain, and biological hazards.
- Environmental stewardship: minimising soil compaction and damage to vegetation.
- Disposal methods: recycling metal parts, composting wooden handles, and proper waste management.

Day 3: Advanced Applications and Integration

- Project planning: selecting tools for site preparation, planting, and mulching.
- Practical exercise: implementing a restoration or landscaping task.
- Tool efficiency: assessing wear and tear, and optimising cutting angles.
- Group dynamics: coordinating tasks and sharing equipment safely.
- Sustainable toolkit: choosing durable, repairable tools over disposable ones.
- Creating a maintenance log: scheduling inspections, cleaning, and repairs.
- Review of unit standard outcomes and assessment preparation.

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 **6 NQF credits** at **NQF Level 1**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

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

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 119302) 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za