



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

Recover Hominid And Faunal Remains From A Hard Matrix Training

Human and Social Studies / Traditions, History and Legacies

Unit Standard 119874 · NQF Level 2 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the specialized skills required to recover hominid and faunal remains from hard matrices such as breccia, calcified sediments, or concrete-like deposits. Participants will learn to apply controlled extraction techniques, document findings meticulously, and preserve the integrity of fragile fossil material. The training ensures compliance with heritage legislation and best practices in paleoanthropological fieldwork.

Category	Human and Social Studies
Subfield	Traditions, History and Legacies
Unit Standard	119874
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

- Apply appropriate mechanical and chemical methods to safely extract hominid and faunal remains from hard matrices.
- Analyze the composition of the hard matrix to select suitable recovery tools and techniques.
- Implement documentation protocols including photography, mapping, and labeling to maintain provenience data.
- Evaluate the condition of recovered remains and apply stabilization measures to prevent damage.
- Demonstrate compliance with South African heritage legislation and ethical standards during recovery operations.

WHO SHOULD ATTEND

- This course is designed for field technicians, archaeologists, paleontologists, and heritage practitioners involved in fossil excavation or laboratory preparation.
- It is also suitable for museum curators and conservationists seeking to enhance their hands-on recovery skills.

COURSE OUTLINE

Day 1: Principles of Hominid and Faunal Recovery from Hard Matrices

- Introduction to hard matrix types (breccia, calcified sediments, conglomerates)
- Taphonomy and preservation of hominid and faunal remains
- Risk assessment and site safety procedures
- Hand tools and power tools for matrix removal
- Controlled mechanical extraction methods (chisels, drills, pneumatic tools)
- Chemical softening agents (acetic acid, EDTA) and their application
- In-field stabilization and packaging of fragile specimens
- Recording provenience and stratigraphic context

Day 2: Advanced Techniques and Practical Integration

- Micro-excavation under magnification (binocular microscopes, dental tools)
- Sequential chemical dissolution and mechanical cleaning
- Consolidants and adhesives for in situ stabilization
- Casting and molding of extraction voids
- Lab-based extraction: saws, grinders, and air scribes
- Data integration: photography, 3D scanning, and GIS recording
- Practical exercise: recover simulated hominid and faunal elements from a hard matrix block
- Reporting and curation protocols for recovered specimens

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 119874) 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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