



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

Indigenous Plant Propagation and Reintroduction

Agriculture and Nature Conservation / Nature Conservation

Unit Standard 257177 · NQF Level 4 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to propagate and reintroduce indigenous plants into natural and rehabilitated environments. It covers seed collection, vegetative propagation, nursery management, and site preparation for successful reintroduction. The course aims to enhance biodiversity conservation and ecosystem restoration efforts.

Category	Agriculture and Nature Conservation
Subfield	Nature Conservation
Unit Standard	257177
Accreditation	SAQA Accredited · NQF Level 4 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply appropriate propagation techniques for selected indigenous plant species.
- Demonstrate seed collection, storage, and pretreatment methods to maximize germination.
- Implement vegetative propagation methods such as cuttings, division, and layering.
- Analyze site conditions and prepare planting areas for successful reintroduction.
- Evaluate the success of reintroduction efforts and recommend adaptive management actions.

WHO SHOULD ATTEND

- This course is ideal for environmental practitioners, conservationists, horticulturists, and land managers involved in ecological restoration, landscaping, or sustainable land use.

COURSE OUTLINE

Day 1: Introduction to Indigenous Plant Propagation

- Overview of indigenous plant diversity in South Africa
- Ecological significance of indigenous plants
- Basic plant biology relevant to propagation
- Introduction to propagation methods: seed vs. vegetative
- Legal framework: permits, CITES, and biodiversity legislation
- Ethics of collection and sustainable use

Day 2: Seed Propagation Techniques

- Seed structure and viability testing
- Seed dormancy types: physical, physiological, morphological
- Pre-treatment methods: scarification, stratification, smoke treatment
- Growing media and containers for seedling production
- Sowing techniques and seedling care
- Germination monitoring and record keeping

Day 3: Vegetative Propagation Methods

- Types of vegetative propagation: cuttings, division, layering, grafting
- Selecting and preparing stock plants
- Cutting types: softwood, semi-hardwood, hardwood
- Rooting media, hormones, and environmental control
- Managing humidity, temperature, and light
- Disease prevention and pest management in propagation

Day 4: Nursery Management and Hardening Off

- Nursery layout and infrastructure
- Irrigation systems and water management
- Fertilization regimes for indigenous plants
- Integrated pest management in nurseries
- Hardening off process: gradual exposure to outdoor conditions
- Record keeping and traceability

Day 5: Reintroduction and Monitoring

- Site selection criteria: soil, climate, habitat, threats
- Reintroduction planning: timing, density, companion species
- Planting techniques: hole preparation, mulching, staking
- Post-planting care: watering, weed control, protection from herbivores
- Monitoring methods: survival, growth, reproduction
- Community involvement and citizen science

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 **8 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 23,000.00	R 23,000.00
1	In-House	R 29,900.00	R 29,900.00
1	On-Campus (Pretoria)	R 34,500.00	R 34,500.00

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
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Pretoria, 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 257177) 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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