



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

Plant Propagation Techniques And Methods Training

Agriculture and Nature Conservation / Primary Agriculture

Unit Standard 116119 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the theoretical and practical knowledge required to propagate plants using a variety of techniques and methods. It focuses on the principles of plant growth, the selection of appropriate propagation methods, and the application of these techniques in agricultural and horticultural settings. By the end of the course, participants will be able to plan and execute propagation activities to support sustainable plant production.

Category	Agriculture and Nature Conservation
Subfield	Primary Agriculture
Unit Standard	116119
Accreditation	SAQA Accredited · NQF Level 2 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate an understanding of the principles of plant growth and development as they relate to propagation.
- Apply appropriate propagation techniques, including seed sowing, cuttings, grafting, and layering, to produce healthy plants.
- Analyze environmental factors affecting propagation success and implement control measures.
- Evaluate different propagation methods for specific plant species and select the most suitable technique.
- Implement a propagation plan, including scheduling, resource allocation, and record-keeping.
- Design a basic propagation facility or area, considering hygiene, irrigation, and environmental control.

WHO SHOULD ATTEND

- This course is designed for farm managers, nursery workers, horticulturists, and agricultural technicians who are involved in plant production and propagation.
- It is also suitable for individuals seeking to enhance their skills in sustainable agricultural practices.

COURSE OUTLINE

Day 1: Fundamentals of Plant Propagation

- Introduction to plant propagation: sexual vs asexual methods.
- Propagation structures: greenhouses, mist beds, and cold frames.
- Growing media: components, properties, and sterilization.
- Seed propagation: seed selection, pre-treatment, sowing, and germination.
- Vegetative propagation: stem, leaf, and root cuttings.
- Cutting preparation: selection, cutting types, and hormone application.
- Environmental factors: light, temperature, humidity, and ventilation.
- Quality control and record keeping in propagation.

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 **3 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	10 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
14 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	17 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	17 Aug 2026	On-Campus	Dubai, UAE

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 116119) 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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