



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

Fire Ignition Control and Extinguishing in Conservation Areas

Agriculture and Nature Conservation / Nature Conservation

Unit Standard 252461 · NQF Level 2 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely ignite controlled fires, manage fire behavior, and extinguish wildfires in conservation areas. It emphasizes ecological fire management principles, legal compliance, and safety protocols to protect biodiversity and infrastructure.

Category	Agriculture and Nature Conservation
Subfield	Nature Conservation
Unit Standard	252461
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 fire behavior principles to plan and execute controlled ignitions in conservation areas.
- Demonstrate safe use of firefighting equipment and techniques to control and extinguish fires.
- Analyze environmental factors (weather, fuel load, topography) to predict fire spread and adjust tactics.
- Evaluate post-fire impacts and implement rehabilitation measures to restore ecological balance.
- Implement legal and organizational protocols for fire incident reporting and documentation.

WHO SHOULD ATTEND

- Conservation area managers, field rangers, fire protection officers, and environmental practitioners responsible for fire management in natural reserves, parks, or protected areas.

COURSE OUTLINE

Day 1: Fire Behaviour and Prevention in Conservation Areas

- Ecological role of fire in fynbos, savanna, and grassland biomes.
- Causes of wildfires: lightning, human activity, and arson.
- Fire danger rating systems and indices.
- Fuel types and load assessment.
- Weather factors: wind, temperature, humidity, and drought.
- Topography and its influence on fire spread.
- Fire prevention measures: firebreaks, controlled burns, and public education.
- Introduction to fire suppression equipment and PPE.

Day 2: Fire Suppression Techniques and Practical Application

- Hand tools: beaters, rakes, shovels, and backpack pumps.
- Water delivery systems: hoses, nozzles, pumps, and water sources.
- Direct attack: flame beating and water application.
- Indirect attack: firebreaks and backburning.
- Safety protocols: lookout, communication, escape routes, and safety zones.
- Mop-up techniques: hot spots, stump holes, and duff layers.
- Patrol and monitoring after containment.
- Post-fire assessment: severity, soil erosion risk, and rehabilitation.

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
10 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	11 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	11 Aug 2026	On-Campus	Mauritius
12 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
18 Aug 2026	19 Aug 2026	On-Campus	Shenzhen, China
18 Aug 2026	19 Aug 2026	On-Campus	Abu Dhabi, 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 252461) 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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