



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

Analyse The Impact Of Weather Events On Selected Regions Training

Human and Social Studies / General Social Science

Unit Standard 119904 · NQF Level 4 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the skills to analyse the impact of weather events on selected regions. It focuses on understanding how weather phenomena affect communities, economies, and environments, and how to apply this analysis in planning and decision-making.

Category	Human and Social Studies
Subfield	General Social Science
Unit Standard	119904
Accreditation	SAQA Accredited · NQF Level 4 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify different types of weather events and their characteristics relevant to selected regions.
- Analyse the social, economic, and environmental impacts of weather events on selected regions.
- Evaluate data sources and methods used to assess weather event impacts.
- Apply analytical frameworks to interpret weather event data for regional planning.
- Demonstrate the ability to communicate findings effectively to stakeholders.
- Assess the role of climate change in influencing weather event frequency and severity.

WHO SHOULD ATTEND

- This course is designed for professionals in disaster management, environmental planning, agriculture, and local government who need to assess and respond to weather-related impacts.

COURSE OUTLINE

Day 1: Foundational Concepts of Weather and Climate

- Introduction to meteorology: weather vs climate.
- Key weather elements: temperature, pressure, wind, humidity, precipitation.
- Weather observation and data sources (SAWS, satellites).
- Global circulation: Hadley, Ferrel, Polar cells.
- Ocean currents and their climatic effects.
- Introduction to South African weather patterns and seasons.

Day 2: Weather Events and Regional Impacts

- Types of weather events: tropical cyclones, cold fronts, heatwaves, heavy rainfall.
- Causes of extreme events: El Niño/La Niña, climate change.
- Regional impacts: agriculture, water resources, infrastructure, health.
- Reading synoptic charts and satellite images.
- Case study: KwaZulu-Natal floods (2022).
- Case study: Western Cape drought (2015-2018).

Day 3: Practical Application and Risk Mitigation

- Hands-on analysis: using weather data from SAWS.
- Impact assessment framework: vulnerability, exposure, resilience.
- Mitigation strategies: early warning systems, land-use planning.
- Adaptation measures: drought-resistant crops, flood defenses.
- Role of weather services in disaster risk reduction.
- Group exercise: assessing weather impact on a chosen region.
- Presentation of findings and peer feedback.

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 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,200.00	R 13,200.00
1	In-House	R 17,200.00	R 17,200.00
1	On-Campus (Pretoria)	R 19,800.00	R 19,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
24 Aug 2026	26 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	26 Aug 2026	On-Campus	Durban, South Africa
25 Aug 2026	27 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
25 Aug 2026	27 Aug 2026	On-Campus	Shenzhen, China
26 Aug 2026	28 Aug 2026	On-Campus	Harare, Zimbabwe
26 Aug 2026	28 Aug 2026	On-Campus	Abu Dhabi, UAE
31 Aug 2026	02 Sep 2026	On-Campus	Victoria Falls, Zimbabwe
31 Aug 2026	02 Sep 2026	On-Campus	Shenzhen, China

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 119904) 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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