



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Small Vessel Navigation Using Weather Information Training

Services / Transport, Operations and Logistics

Unit Standard 113983 · NQF Level 3 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips skippers and crew of small vessels with the skills to integrate weather information into navigation planning and decision-making. Participants will learn to interpret meteorological data, assess its impact on vessel safety, and apply this knowledge to avoid hazardous conditions. The training ensures compliance with South African maritime safety standards and promotes responsible seamanship.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	113983
Accreditation	SAQA Accredited · NQF Level 3 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply meteorological principles to interpret weather charts, forecasts, and real-time observations for small vessel navigation.
- Analyze the influence of weather systems (e.g., cold fronts, coastal lows, and sea breezes) on sea state and vessel handling.
- Evaluate weather-related risks and make informed decisions to alter course, speed, or seek shelter.
- Demonstrate the use of instruments such as barometers, anemometers, and radio weather broadcasts for continuous weather monitoring.
- Implement safe passage planning that incorporates weather windows, tide and current interactions, and local weather phenomena.
- Communicate weather-related navigation decisions effectively with crew and shore-based support.

WHO SHOULD ATTEND

- Skippers, deck officers, and crew members operating small vessels (e.g., fishing boats, yachts, and coastal patrol craft) in South African waters.
- It is also suitable for maritime students and recreational boaters seeking to enhance their navigational safety.

COURSE OUTLINE

Day 1: Foundational Concepts of Small Vessel Navigation and Weather

- Introduction to navigation: charts, compass, and basic position fixing.
- Types of weather systems: high and low pressure, fronts, and winds.
- Weather hazards: fog, thunderstorms, and gale warnings.
- Sources of weather information: SAWS, Navtex, and internet services.
- Understanding Beaufort scale and wind direction.
- Tidal and current effects on navigation.
- Safety equipment and basic emergency procedures.
- Introduction to the use of barometer and anemometer.

Day 2: Integrating Weather Information into Navigation Planning

- Reading and interpreting synoptic charts.
- Using satellite and radar imagery for weather analysis.
- Passage planning incorporating weather windows.
- Adjusting speed and course to minimize weather impact.
- Understanding sea state and swell forecasts.
- Communication protocols for weather updates.
- Case studies: weather-related navigation incidents.
- Practical exercises in route planning with weather data.

Day 3: Advanced Application and Practical Integration

- Real-time weather monitoring and decision-making.
- Emergency response to sudden weather changes.
- Use of electronic navigation aids and weather apps.
- Debriefing and analysis of voyage simulations.
- Legal responsibilities and best practices.
- Final assessment: integrated navigation and weather scenario.
- Review of key concepts and Q&A;
- Course evaluation and certification.

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 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	13 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 113983) 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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