



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

Flight Operations Safety Principles Application

Physical, Mathematical, Computer and Life Sciences / Physical Sciences

Unit Standard 243325 · NQF Level 5 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips aviation professionals with the skills to apply fundamental safety principles in flight operations, enhancing risk awareness and promoting a proactive safety culture. Participants learn to identify hazards, assess risks, and implement controls aligned with regulatory requirements and industry best practices.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Physical Sciences
Unit Standard	243325
Accreditation	SAQA Accredited · NQF Level 5 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply safety management system (SMS) principles to flight operations.
- Identify hazards and assess risks in operational contexts using standard tools.
- Implement appropriate risk controls and monitor their effectiveness.
- Analyze incident and accident data to prevent recurrence.
- Demonstrate effective safety communication and reporting procedures.
- Evaluate the impact of human factors on flight safety.

WHO SHOULD ATTEND

- This course is designed for pilots, flight operations officers, cabin crew, and ground handling personnel who require a practical understanding of safety principles in flight operations.

COURSE OUTLINE

Day 1: Foundational Flight Safety Principles

- Overview of SA CAA regulations and ICAO standards
- Key safety concepts: hazard, risk, safety risk management
- Introduction to Safety Management Systems (SMS)
- Human factors in aviation: fatigue, stress, communication
- Hazard identification and risk assessment methods
- Case studies of aviation incidents and lessons learned
- Safety culture and reporting culture
- Introduction to safety assurance and safety promotion

Day 2: Application of Safety Principles in Flight Operations

- Advanced risk assessment techniques (e.g., Bowtie, 5x5 matrix)
- Safety performance monitoring and measurement
- Emergency response planning and drills
- Safety investigation and root cause analysis (RCA)
- Implementing safety actions and follow-up
- Case study: applying SMS to a flight department
- Safety promotion and training strategies
- Course review and assessment

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 16,200.00	R 16,200.00
1	In-House	R 21,000.00	R 21,000.00
1	On-Campus (Pretoria)	R 24,300.00	R 24,300.00

UPCOMING SESSIONS

No sessions are currently scheduled. Please contact us to arrange a session at a time and location that suits your team.

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 243325) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za