



## 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

# Instrument Flight Rules Flight Planning

Physical, Mathematical, Computer and Life Sciences / Physical Sciences

Unit Standard 243330 · NQF Level 5 · 2 Credits · 1 Day

## COURSE OVERVIEW

This course equips pilots with the advanced skills required to plan and execute Instrument Flight Rules (IFR) flights safely and in compliance with South African Civil Aviation Authority (SACAA) regulations. Learners will master the interpretation of aeronautical charts, weather analysis, fuel management, and flight plan filing to ensure efficient and compliant IFR operations.

|                 |                                                    |
|-----------------|----------------------------------------------------|
| Category        | Physical, Mathematical, Computer and Life Sciences |
| Subfield        | Physical Sciences                                  |
| Unit Standard   | 243330                                             |
| Accreditation   | SAQA Accredited · NQF Level 5 · 2 Credits          |
| Duration        | 1 day                                              |
| Training Method | Online, On-Campus, In-House                        |
| Certificate     | Issued via AATICD LMS – verifiable online          |

## LEARNING OUTCOMES

- Apply SACAA regulations and ICAO standards to plan an IFR flight from departure to destination, including alternate aerodromes.
- Analyze meteorological information, NOTAMs, and AIP supplements to determine weather minima and route suitability.
- Evaluate aircraft performance data (takeoff, climb, cruise, descent, landing) to calculate fuel requirements and weight and balance.
- Design a complete IFR flight plan using appropriate charts (SIDs, STARs, en-route, approach) and navigation aids.
- Demonstrate proficiency in using flight planning software and manual methods to file a flight plan with ATC.
- Implement risk management strategies to address contingencies such as engine failure, weather diversion, or communication failure.

## WHO SHOULD ATTEND

- This course is designed for licensed pilots seeking to add or renew their Instrument Rating (IR), as well as aviation professionals involved in flight operations management who require a thorough understanding of IFR flight planning procedures.

## COURSE OUTLINE

### Day 1: IFR Flight Planning Fundamentals

- Regulatory framework: CARs, SA-CATS, AIC for IFR operations
- Airspace classification and IFR routing requirements
- Meteorological information: SIGMET, AIRMET, TAF, METAR
- NOTAMs and AIS briefing for IFR flights
- Fuel planning: contingency, alternate, holding, and final reserve
- Alternate aerodrome minima and selection criteria
- Navigation log preparation and waypoint sequencing
- IFR flight plan form (CA48) completion and submission

## 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 **2 NQF credits** at **NQF Level 5**.

## PRICING (PER DELEGATE, EX-VAT)

| Delegates | Training Method      | Price per Delegate | Total       |
|-----------|----------------------|--------------------|-------------|
| 1         | Online               | R 13,400.00        | R 13,400.00 |
| 1         | In-House             | R 17,400.00        | R 17,400.00 |
| 1         | On-Campus (Pretoria) | R 20,200.00        | R 20,200.00 |

## 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](http://www.aaticd.co.za), open the page for this course (Unit Standard 243330) 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](mailto: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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