



جامعة الفيصل
Alfaisal University



FUNDAMENTALS OF AVIATION

Become A Pilot With Dual Certification
From Alfaisal University & IAA



Your First Step Towards an Aviation Career

Join the **Fundamentals of Aviation (FA)** course at **Alfaisal University, Riyadh**, and take the first step toward a rewarding career in aviation. This exclusive program, in partnership with **Intercontinental Aviation Academy (IAA)**, provides students with a strong foundation in aviation principles, industry insights, and essential skills to advance to pilot training.



WHY JOIN?

- ✈ **Pathway to Pilot Licenses:** : This course lays the foundation for advanced pilot training leading to an EASA or ICAO f- ATPL under our Ab-Initio Airline Pilot Program. Upon completion of the Ab-Initio program, pilots can seamlessly convert their certification to obtain a GACA CPL, opening doors to global aviation careers.
- ✈ **Dual Certification:** Earn a recognized certificate from Alfaisal University & IAA.
- ✈ **High-Demand Industry:** With over 250,000 pilots needed in the next decade, now is the time to start your journey.
- ✈ **Comprehensive Aviation Education:** Gain in-depth theoretical knowledge to prepare or practical flight training.
- ✈ **Recreational PPL Option:** Students have the option to obtain a PPL for personal or recreational flying, often sought by business people or aviation enthusiasts who do not wish to fly commercially.
- ✈ **Limited Seats Available! Secure Your Spot Today!**

EASA f-ATPL: European standard Airline Transport Pilot License. An EASA f-ATPL is recognized in countries that follow EASA (European Union Aviation Safety Agency) regulations, primarily within the European Union and European Economic Area (EEA). With this license, you can operate commercial flights for airlines within EASA member states and in countries that have agreements with EASA.

ICAO f-ATPL: International Airline Transport Pilot License. The ICAO f-ATPL is a globally recognized license, based on International Civil Aviation Organization standards. It allows pilots to operate commercial flights for airlines in countries that follow ICAO regulations provided they meet the local aviation authority's conversion or validation requirements.

GACA CPL: Commercial Pilot License issued by KSA's General Authority of Civil Aviation (GACA), allowing commercial operations within the country.

PPL: Private Pilot License is a basic pilot certification allowing individuals to fly for personal or recreational purposes, but not for compensation.

WHAT YOU WILL LEARN

The Fundamentals of Aviation Certificate equips students with essential knowledge and skills, preparing them for further flight training. Subjects covered include:

- ✈️ STEM & Aviation English
- ✈️ Air Law & Regulations
- ✈️ Principles of Flight
- ✈️ Human Factors
- ✈️ Aircraft General Knowledge
- ✈️ Meteorology
- ✈️ Radio Communications
- ✈️ Performance & Limitations
- ✈️ Navigation

WHY THESE MODULES MATTER FOR YOUR PILOT TRAINING?

Aviation English & STEM: Master aviation terminology and essential STEM skills for effective communication and understanding of flight principles.

Air Law: Learn global aviation regulations and airspace safety protocols for compliant flight operations.

Principles of Flight: Understand aerodynamics, lift, drag, and aircraft control for optimized flight performance and safety.

Human Factors: Learn to manage stress, fatigue, and decision-making for improved flight safety.

Aircraft General Knowledge: Gain technical knowledge of aircraft systems and flight instruments for safe operations.

Meteorology: Understand weather patterns and forecasts to make informed, safety-enhancing flight decisions.

Radio Communication: Master radio phraseology and communication with ATC for effective flight operations.

Performance and Limitations (OPS): Interpret performance charts and calculate safe operational limits for efficient, safe flights.

Navigation: Master navigation principles and tools to ensure accurate and efficient flight paths.



TAKE OFF TOWARDS YOUR AVIATION CAREER TODAY!



PATHWAY TO ADVANCED PILOT TRAINING

Upon completion of the FA course, students can advance to IAA's world-class training, earning top-tier certifications like EASA or ICAO f-ATPL convertible to GACA CPL, boosting their global airline recruitment prospects.

REQUIREMENTS

- ✈ Be at least 17 years old
- ✈ Demonstrate a strong interest in aviation and future career aspirations
- ✈ Possess a good command of English
- ✈ Have a basic understanding of Math and Physics

COURSE CALENDAR



MAY 2025

Week 1:
May 4, 6, 7



JUNE 2025

Week 1:
Eid Al Adha
No classes



JULY 2025

Week 1:
July 6, 8, 9



AUGUST 2025

Week 1:
August 3, 5, 6

Week 2:
May 11, 13, 14

Week 2:
Eid Al Adha
No classes

Week 2:
July 13, 15, 16

Week 2:
Aug 10, 12, 13:
**Revision for
Final Exam**

Week 3:
May 18, 20, 21

Week 3:
June 15, 17, 18

Week 3:
July 20, 22, 23

**Aug 17 – 22
Final Exam
Week**

Week 4:
May 25, 27, 28

Week 4:
June 22, 24, 25

Week 4:
July 27, 29, 30

**PROGRAMS
ENDS**

KEY COURSE DETAILS

Location	On-campus at Alfaisal University, Riyadh, KSA
Start Date	May 4, 2025
Duration	3 Months
Final Exam Week	August 17-22, 2025
Registration Deadline	April 29, 2025



CONTACT US

- 📍 Alfaisal Center for Research & Consultancy Studies, Alfaisal University, Riyadh, KSA
- ☎️ +966 11 215 7627 | +966 54 099 7991
- ✉️ ksa@flyiaa.aero | dalghonaim@alfaisal.edu
- 🌐 www.alfaisal.edu | www.flyiaa.aero
- 📷 @flyiaa.global | @alfaisaluniversity

