



Professional Pilot Training



Professional Pilot Training is a full time (2 years) diploma/degree program in **Applied Aviation Science**. This program introduces students to the broad spectrum of aviation knowledge that will be needed as they progress in their aviation careers. Training as a pilot involves the skills required to fly an airplane and offers an exciting and rewarding career with high income potential. Certified pilots are licensed by aviation regulatory body in the country of jurisdiction.

The Core courses will also prepare the students to take Private, Commercial, Instrument and Multi Engine Pilot Ground Tests as well as accumulating the flight hours to meet the requirements for NCAA or FAA pilot certificates.

The students will go through four semester sessions during which they will take **60 units** of core courses and some electives. Prerequisite: **Basic Aviation Technology**.

ENTRY REQUIREMENT

Students must have a pass in WASC with at least five credits. English and Mathematics plus other subjects in science or technical are advantageous with at least a CGPA of 2.0. Commercial or Art Students are also welcomed. All applicants must take the Pre-Degree Course in Basic Aviation Technology.

ENTRY REQUIREMENT FOR INTERNATIONAL STUDENTS

Students must complete at least 12 years of education and obtained a secondary school certificate or higher. International students should also have TOEFL if their primary language is not English. TOEFL scores 500 (paper-based test), 195 (computer-based test), 70 (internet based test) and IELTS score of 5.5.

Course Outline

Semester	Modules	Course Codes
Semester (1)	<ul style="list-style-type: none">• Aerodynamics• Aircraft Instruments• Aircraft Engines and Systems• Airport, Airspace and Air traffic control Systems	<ul style="list-style-type: none">• AVI 001• AVI 009• AVI 002• AVI 003
Semester (2)	<ul style="list-style-type: none">• Aviation weather• Communication & Navigation• Human factors in Aviation• Weight & balance and Aircraft Performance• Cross-country flight planning	<ul style="list-style-type: none">• AVI 006• AVI 007• AVI 005• AVI 004• AVI 008
Semester (3)	<ul style="list-style-type: none">• IFR Operations and Navigations in Airspace Systems• Takeoff and Departure Procedures• En-route Operations• Arrival and Approach Procedures• IFR Flights	<ul style="list-style-type: none">• AVI 011• AVI 012• AVI 013• AVI 014• AVI 015
Semester (4)	<ul style="list-style-type: none">• Private Pilot Flight• Instrument Pilot Flight• Commercial Pilot Flight• Multi- Engine Pilot Flight	<ul style="list-style-type: none">• FLT 001• FLT 002• FLT 003• FLT 004

Duration of Course

Students currently attending ICA ground school can participate on Monday – Friday 09:00am till 3:00.
Duration of course is twenty-four months or **two years**.