

Instrument Rating (IR) Program Outline

Program Description	<p>The Instrument Rating (IR) program trains candidates to the standard required to obtain an instrument rating in Canada.</p> <p>The program is intended to provide ground knowledge and flight training under actual or simulated instrument meteorological conditions, as well as under actual or simulated instrument flight rules (IFR). Training may be conducted in a single-engine (group 3) or in multi-engine (Group 1) aircraft to satisfy the licencing requirements of the Canadian Aviation Regulations.</p>
Career Occupations	Flight Instructor, Commercial Pilot, Airline Pilot, Training Pilot, Ground School Instructor.
Admission Requirements	<ol style="list-style-type: none"> 1. Valid TC Category 1 or 3 medical as dictated by the licence. 2. Valid Canadian Private Pilot Licence or a Commercial Pilot Licence.
Learning Objectives	<p>Upon completion of this program the successful student will demonstrate:</p> <ol style="list-style-type: none"> a. An understanding of IFR operational knowledge. b. Use of the Canada Air Pilot, the general pages, and other supplements. c. Use of aircraft GPS. d. A passing mark of 70% on the Transport Canada INRAT exam and Initial IFR flight test (group 1 or 3). e. Knowledge of safety and safety concepts as they relate to IFR operations.
Required course materials	Single or multi engine aircraft, Flight Training Device (FTD), Pilot Operating Handbook, TC Flight Instructor Guide, TC Flight Test Guide, Current LO chart and Flight supplement, LFS Instrument Rating Textbook and Workbook, Flight Scheduling software and Lesson Plans.
Duration	84 hours (approximately 6 weeks).
Homework Hours	20 hours
Delivery Method	In-class instruction, aircraft and FTD flight training
Teaching Methods	Lecture/Guided-Discussion/In-Flight Instruction.
Method(s) of Student Evaluation	Students will be assigned homework, individual topics for discussion, and in class quizzes.
Completion Requirements	Successfully complete the INRAT exam with a passing mark of 70% and pass an instrument rating flight test or an instrument proficiency check.



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Topics	Duration (hours)
Dual Air Instruction	20.0
Preparatory Ground Instruction	24.0
Ground School Instruction	20.0
Pre/Post Flight Briefings	20.0



Langley Flying School (LFS)

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