

Flight Instructor Rating (FIR) Program Outline

Program Description	<p>The Flight Instructor Rating (FIR) program trains candidates to the standard required to become class 4 flight instructors in Canada.</p> <p>The program is intended to provide ground knowledge and flight training of the principles of instruction in order to pass the Transport Canada (TC) AIRAF exam and the Class 4 Initial Flight Test.</p>
Career Occupations	Flight Instructor, Airline Pilot, Training Pilot, Ground School Instructor.
Admission Requirements	<ol style="list-style-type: none"> 1. Valid TC Category 1 medical. 2. Valid Canadian Commercial Pilot Licence or Canadian Airline Transport 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 the principles of flight instruction and the flight instructor guide. b. Use of the flight training manual. c. Use of lesson plans. d. A passing mark of 70% on the Transport Canada AIRAF exam and Initial class 4 flight test. e. Knowledge of safety and safety concepts as they relate to flight instruction.
Required course materials	Single engine aircraft, Flight Training Device (FTD), Pilot Operating Handbook, TC Flight Instructor Guide, TC Flight Test Guide, Human Factors for Aviation Instructor Guide, Current VTA chart and Flight supplement, LFS Instructor Rating Textbook, Flight Scheduling software and Lesson Plans.
Duration	76 hours (approximately 5-6 weeks).
Homework Hours	30 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 25 hours of ground and 30 hours of flight training in accordance with the Canadian Aviation Regulations.



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Topics	Duration (hours)
Dual Air Instruction	31.0
Preparatory Ground Instruction	10.0
Ground School Instruction	25.0
Pre/Post Flight Briefings	10.0