


GROUND SCHOOL & SCHOLARSHIP BRIEFING


52 "City of Calgary" Air Cadet Sqn




THE PURPOSE OF GROUND SCHOOL

- ▶ It's mandatory for the Glider or Power Pilot Training Courses
 - ▶ To teach you the material necessary to be a pilot
 - ▶ To prepare you for Ground School on course
 - ▶ To prepare you for the Qualifying Exam
 - ▶ To prepare you for the Transport Canada Exam
 - ▶ You **must** score 60% on the TC exam
 - ▶ You are allowed 1 rewrite before you are RTU'd
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GLIDER PILOT TRAINING COURSE

- ▶ 6 week course (7 weeks if extended)
 - ▶ Requirements
 - ▶ Be 16 years old by September 1 of **next year**
 - ▶ Be in Grade 10 or higher
 - ▶ Height: 152.4cm to 190.5cm
 - ▶ Weight: 40.82kg to 90.72kg
 - ▶ Level 3 completed by the end of the training year
 - ▶ Be capable of “daily physical exertion” (running)
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POWER PILOT TRAINING COURSE

- ▶ 7 week course
 - ▶ Requirements
 - ▶ Be 17 years old by September 1 of **next year**
 - ▶ Be in Grade 11 or higher
 - ▶ **No height limitation**
 - ▶ Weight: No more than 111.13 kg
 - ▶ Level 4 completed by the end of the training year
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DO I NEED TO MEET THE REQUIREMENTS TO BE IN GROUND SCHOOL?

- ▶ CJCR has developed a national online Ground School program that is **mandatory** for applicants
 - ▶ They are only issuing logins for cadets **who meet the previously stated requirements**
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NATIONAL ONLINE GROUND SCHOOL

- ▶ The national Ground School is an estimated 45 hours
 - ▶ The course must be completed by Jan 13 @ 23:59 PST
 - ▶ The qualifying exam will be held **in person the week of Jan 14**
 - ▶ To avoid overloading you, the sqn will **not** be conducting its own Ground School in parallel
 - ▶ We may conduct optional university-style tutorial sessions to help answer any questions you have, if there is demand
 - ▶ Logins are to be delivered to you between **Oct 1 and Oct 15**
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POTENTIAL COSTS BEFORE THE QUALIFYING EXAM

- ▶ None of this is mandatory for Ground School
 - ▶ Some of it may be mandatory if you are selected for GPTC/PPTC, but they may also loan you supplies
 - ▶ From the Ground Up textbook (~\$60-80)
 - ▶ For Power, an E6B Flight Computer
 - ▶ Metal (~\$40)
 - ▶ Cardboard (~\$15)
 - ▶ We will **NOT** be arranging for purchase of these
 - ▶ Try **Calgary Pilot Supply**
 - ▶ Ask if there is a cadet/student discount
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POTENTIAL COSTS AFTER THE QUALIFYING EXAM


- ▶ Category 3 Medical Certificate (\$100-200)
 - ▶ Required by June 1
 - ▶ Prepare this **EARLY (e.g. in January)**, there may be delays
 - ▶ A passport photo
 - ▶ Only if you get the course
 - ▶ Transport Canada exam and registration fee (\$160)
 - ▶ Only if you get the course
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HOW MANY CADETS CAN GO PER COURSE?

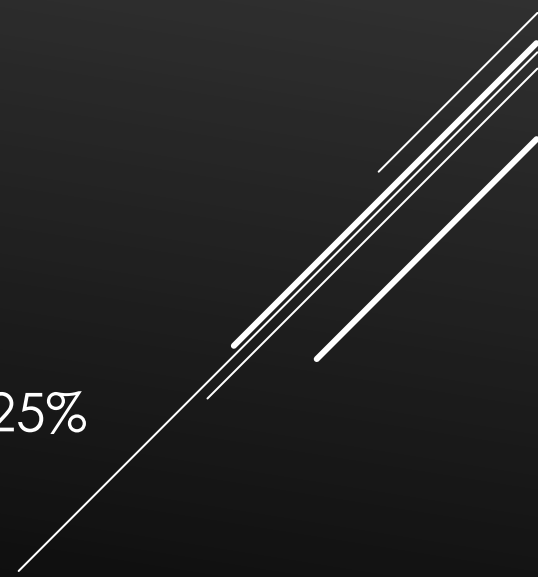
Squadron Size	Max # of Candidates	Max # of Selections
<40	2	1
41-80	3	2
81-120	4	3
121+	5	4

In reality, expect 1-2 selections per course at most

COURSE SELECTION PROCESS


1. Fill out the form to indicate your intention to apply for the GPTC or the PPTC
 - ▶ You may only select one
 2. Complete Online Ground School
 3. Complete any other paperwork required for your application
 - ▶ e.g. Report card or transcript
 4. Write the Qualifying Exam (Jan)
 - ▶ Passing grade is 50%
 5. Get picked by the squadron
 6. Mock Boards (practice interviews)
 7. Actual Review Boards (Feb/Mar)
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SELECTION FACTORS

- ▶ **See CJCR Group Order 8060-7 for full details**
 - ▶ Qualifying Exam mark 40%
 - ▶ File review 35%
 - ▶ Attendance
 - ▶ School marks
 - ▶ Rank/years in cadets
 - ▶ Previous summer camps/staff
 - ▶ Etc.
 - ▶ Merit interview 25%
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GROUND SCHOOL SUBJECTS

- ▶ **Key subjects are listed in:**

- ▶ TP 12880E - Study & Reference Guide - Private Pilot's License
 - ▶ TP 876E - Study & Reference Guide - Glider Pilot License
 - ▶ Air Law
 - ▶ Navigation
 - ▶ Meteorology
 - ▶ Airframes and Systems
 - ▶ Theory of Flight
 - ▶ Flight Operations
 - ▶ Human Factors
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KEYS TO SUCCESS

- ▶ National Ground School will be completed at your own pace
 - ▶ **Do not procrastinate**
 - ▶ We may set a schedule for completion
 - ▶ Take notes, even though the material is available online
 - ▶ Don't be shy about learning – use the resources available to you:
 - ▶ Read and reference the FTGU
 - ▶ Ask during tutorial sessions
 - ▶ Ask instructors
 - ▶ Ask pilots in the squadron
 - ▶ Ask your friends
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