



Commercial Pilot Ground School and Exam Preparation Course Outline

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Delivery: Free-form Online for 9 months

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Prerequisites: Private Pilot License

Course Description

This course will instill deep learning of topics related to the operations of commercially registered aircraft as commercially licensed pilots. The focus of the course is to allow students to build the necessary skills to be safe pilots for the public, to be marketable for potential employers, to learn single pilot resource skills, and to learn basic crew resource management skills which can be applied in many commercial environments.

The course naturally uses Transport Canada's study guide to outline the materials and questions. The course delivery is more practical in some areas as the focus is no longer on privately operating an aircraft, but as a job or career. Videos will include practical application of the theoretical knowledge which will instill a deep level of understanding for students. The CPL course reviews some areas from the PPL and builds on most others.

Teaching Philosophy

If we had a dime for every pilot that couldn't relate ground school knowledge to practical flying, we'd be rich. **We don't teach you to just pass an exam.** The course is designed in such a way to mimic the tasks you would face as a Private Pilot. We will immerse you in these activities, asking you to reflect and apply yourself in a way which goes beyond a multiple-choice exam. This will **save you money** and make you a **better Pilot** in the long term. We're different and we are proud of it.



Learning Outcomes

After successfully completing our Commercial Pilot Ground School Course, you will be able to:

- Pass the CPAER Exam
- Solve typical issues faced by commercial pilots using knowledge of commercial air regulations and meteorology
- Examine and predict flying conditions based on meteorological data
- Prepare, plan and execute a cross-country flight to CPL Flight Test Standards
- Discuss the impact of applicable Air Regulations on a commercial flight
- Discuss aerodynamic and powerplant principles as they relate to large commercial aircraft
- Describe pilot responsibilities as they relate to flight planning, cross country flying, aerodrome operations, wake turbulence and collision avoidance in commercial operations
- Describe the purpose and operation of flight instruments and various airframes

Learning Activities and Assignments

You will have an opportunity to learn and demonstrate your learning through the following activities and assessments:

- Video Lectures and Lecture Notes
- Video Tutorials
- Assigned Readings
- Topics/Lesson Quizzes
- Self-reflection and critique through an online forum
- In-flight demonstration videos
- CPAER Sample Exams

Topics to be Covered

You will learn about:

- Commercial Air Law
- General Aviation Knowledge
- Commercial Pilot Responsibilities,
- Single Crew and Two-Crew Psychology and Human Factors
- Navigation Principles and Planning
- Communication in Controlled and Uncontrolled Airspace
- Practical Meteorology Theory



Your Success

In order to be successful in this course, we recommend you fully engage and immerse yourself into the designed learning activities and assignments. As this course is a flat fee, any time spent participating in learning activities will lessen the cost of training later on and will better prepare you for your flight training. All students are required to participate in the first lesson on “Course Success.” As such, **we expect you to participate to get the most out of the course.**

Letter of Ground School Completion

We are able to issue a letter which could be put towards your Commercial Pilot License Ground School. Upon course completion, e-mail the course instructor at the e-mail above and we will issue you a record of ground school.

Recommended Reading Materials

We recommend purchasing or obtaining access to the following supplemental materials:

- Flight Training Manual
- From the Ground Up
- Aeronautical Information Manual
- Pilot Operating Handbook of your aircraft
- Canadian Aviation Regulations

Additional Guidance and Help

This course is not just designed to help you pass the Transport Canada exam. Sometimes, you may find yourself stuck and needing some help. If you ever have any questions or need to reach out for assistance, please reach out to our staff using the online forums and we will do whatever is in our power to help and guide you through the course. **No question is off limits when it comes to your learning.**

This course is optimized to be accessed on a desktop computer or portable laptop using Google Chrome. The website and course may be accessed via a cell-phone, tablet or other programs, but user experience may go down.

Course Feedback

At all points throughout the course, we encourage students to provide feedback outlining topics or lessons they may have enjoyed or moments of difficulty. By providing feedback, it allows us to enhance your experience as well as that of others. **We encourage you to provide feedback whenever possible to us via the above communication methods without delay.**