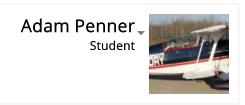
Topic





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Activities







Flight Instructor Ground School

Welcome to our Flight Instructor online ground school!

The course is designed to work from the top on down, but it can be completed in any order you prefer.



Course Tutorial - READ THIS FIRST!



AIRIF Feedback



Flight Instructor Written Test Guide



Flight Instructor Flight Test Guide



Aaron Doherty



AIRAF (Class IV instructor) feedback



AIRAT (Class II and I) feedback

1 Air Law: Review of the Basics



Administration

Course

administration



Question bank

Switch role to...



General Presentation



General Provisions Quiz



Aerodromes and Airports Presentation



Aerodromes and Airports Quiz



Personal Licensing and Training



Personnel Licensing and Training Quiz

Course: Flight Instructor Rating Return to my normal role

> Site administration





Enrolment

Your enrolment in Flight Instructor Rating does not expire.



Airspace Structure, Classification and Use Presentation



Airspace Structure, Classification and Use Quiz



Forest Fire Flight Restrictions Presentation



Forest Fire Flight Restrictions Quiz



Operating and Flight Rules Presentation



Operating and Flight Rules Quiz

Operational and Emergency Equipment Requirements



Operational and Emergency Equipment Requirements Quiz



Flight Preparation, Flight Plans and Flight Itineraries Presentation



Flight Preparation, Flight Plans and Flight Itineraries Quiz



Pre-Flight and Fuel Requirements Presentation



Pre-Flight and Fuel Requirements Quiz

2 **Air Law: VFR Procedures**

Topic



Operations at or in the Vicinity of an Aerodrome Presentation



Operations at or in the Vicinity of an Aerodrome Quiz



Visual Flight Rules Presentation



Visual Flight Rules Quiz



Radio Communications Presentation



Radio Communications Quiz



Emergency Communications and Security Presentation



Emergency Communications and Security Quiz



Aircraft Requirements Presentation



🖊 Aircraft Requirements Quiz



Transportation Safety Board Presentation



Transportation Safety Board Quiz



Air Traffic Services and Procedures Presentation



Air Traffic Services and Procedures Quiz



Question/Discussion Forum: Air Law: VFR Procedures

Course: Flight Instructor Rating

3

Documents Presentation

Air Law: Aircraft



Documents Quiz



Aircraft Equipment Requirements Presentation



🖊 Aircraft Equipment Requirements Quiz



Aircraft Maintenance Requirements Presentation



Aircraft Maintenance Requirements Quiz



Aircraft Maintenance Requirements Technical Records

Presentation



Technical Maintenance Records Requirements Quiz



Commercial Maintenance System



Commercial Maintenance System Quiz



Miscellaneous Presentation



Miscellaneous Quiz



Question/Discussion Forum: Air Law: Aircraft

Airframes, Engines, and Aircraft 4 Systems

Topic



Airframes Presentation



🖊 Airframes Quiz



Landing Gear, Brakes and Flaps Presentation



🖊 Landing Gear, Brakes and Flaps Quiz



Piston Engine Presentation



Piston Engine Quiz



Propellers (Variable Pitch) Presentation



Propellers (Fixed Pitch) Presentation



Propellers Quiz



Constant Speed Propellers Presentation



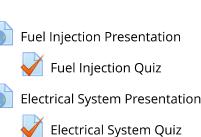
🖊 Constant Speed Propellers Quiz



Carburetor Presentation



Carburetor Quiz



Lubricating Systems and Oils Presentation

Lubricating Systems and Oils Quiz

Fuel System and Fuels Presentation

Fuel Systems and Fuels Quiz

Other Aircraft Systems Presentation

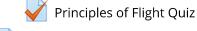
Other Aircraft Systems Quiz

Question/Discussion Forum: Air Law: Airframes, Engines, and Aircraft Systems

5 Theory of Flight

Topic





Forces Acting on an Aircraft Presentation

Forces Acting on an Aircraft Quiz

Aerofoils Presentation

Aerofoils Quiz

Design of the Wing Presentation

Design of the Wing Quiz

Load Factor Presentation

Load Factor Quiz

Stability Presentation

Stability Quiz

Flight Controls Presentation

Flight Controls Quiz

Rule of Thumb

Duestion/Discussion Forum: Theory of Flight

Course: Flight Instructor Rating

Flight Operations 6

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Flight Operations General Presentation



Flight Operations General Quiz



Wake Turbulence Presentation



🖊 Wake Turbulence Quiz



Search and Rescue (SAR) Presentation



Search and Rescue Quiz



Aircraft Critical Surface Contamination Presentation



Aircraft Critical Surface Contamination Quiz



Aircraft Icing Presentation



🖊 Aircraft Icing Quiz



Weight and Balance Presentation Part 1



Weight and Balance Presentation Part 2



Weight and Balance Quiz



Weight Shift Presentation



Weight Shift Quiz



Question/Discussion Forum: Flight Operations

7 **Aircraft Performance**

Topic



Aircraft Performance Presention



Aircraft Performance Quiz



Use of Performance Charts Presentation



Use of Performance Charts Quiz



Rule of Thumb



Aircraft Performance Quiz



Question/Discussion Forum: Aircraft Performance

Pilot Decision Making and Human 8 **Factors**

Topic



Spatial Orientation Presentation

Topic



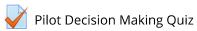
Visual Illusions Presentation



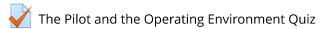
Aviation Physiology Presentation



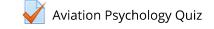
Pilot Decision Making Presentation



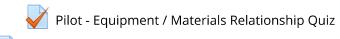
The Pilot and the Operating Environment Presentation



Aviation Psychology Presentation



Pilot - Equipment/Materials Relationship Presentation



Interpersonal Relations Presentation

Interpersonal Relations Quiz Cockpit Resource Management (CRM) Presentation

Cockpit Resource Management (CRM) Quiz

Question/Discussion Forum: Pilot Decision Making and **Human Factors**

Flight Instruments 9

Pitot Static System Presentation

Pitot Static System Quiz

Airspeed Indicator Presentation

Airspeed Indicator Quiz

Airspeeds and Definitions Presentation

🚺 Airspeeds and Definitions Quiz

Vertical Speed Indicator Presentation

Vertical Speed Indicator Quiz

Altimeter/Encoding Altimeter Presentation

Altimeter/Encoding Altimeters Quiz

Magnetic Compass Presentation

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Magnetic Compass Quiz



Gyroscope Presentation



Gyroscope Quiz



Heading Indicator Presentation



Heading Indicator Quiz

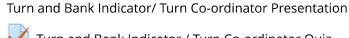


Attitude Indicator Presentation



🖊 Attitude Indicator Quiz





Turn and Bank Indicator / Turn Co-ordinator Quiz



Instrument Flying Presentation



Instruments Flying Quiz



Question/Discussion Forum: Flight Instruments

Lesson Planning 10

Topic



Preparing Lesson Plans - PDF



Preparing Lesson Plans Presentation



How To Give A Lesson Plan Video



Question/Discussion Forum: Lesson Planning



Preparing Lesson Plans Quiz

Flight Instructor Guide 11

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Learning Factors Presentation



Learning Factors Quiz



Types of Instruction



Types of Instruction Quiz



Oral Questions Presentation



🖊 Oral Questions Quiz



Instructional Techniques Presentation



/ Instructional Techniques Quiz



Demonstration Performance Method Presentation

Licencing Requirements 15

Question/Discussion Forum: Supervision

Topic 15



Course: Flight Instructor Rating



Licensing Requirements Quiz



Question/Discussion Forum: Licencing Requirements

16 Flight Test Guides

Topic 16



Flight Test Guide - Recreational Pilot Permit - Aeroplane



Flight Test Guide - Private Pilot Licence -Flight Test Guide -

Private Pilot License - Aeroplane Aeroplane



Flight Test Guide - Flight Test Guide - Commercial Pilot License - Aeroplane Commercial Pilot Licence - Aeroplane



Instructor Guide — VFR Over-the-Top Rating



VFR Navigation Progress Test Guide



Question/Discussion Forum: Flight Test Guides

Practice Exams 17

Topic 17



Practice Exam 1



Practice Exam 2



Practice Exam 3



Practice Exam 4



AIRAT Practice Exam 1



AIRAT Practice Exam 2



Flight Instructor Rating Certificate - Class 4

Not available unless:

- You achieve a required score in Practice Exam 1
- You achieve a required score in Practice Exam 2
- You achieve a required score in Practice Exam 3
- You achieve a required score in Practice Exam 4



Flight Instructor Rating Certificate - Class 2

Not available unless:

- You achieve a required score in AIRAT Practice Exam 1
- You achieve a required score in AIRAT Practice Exam 2



Flight Instructor Rating Certificate - Class 1

Not available unless:

- You achieve a required score in AIRAT Practice Exam 1
- You achieve a required score in AIRAT Practice Exam 2



Question/Discussion Forum: Practice Exams

☑ E-mail: admin@pilottraining.ca