

**FACTS ABOUT
FLIGHTLAB (AVIA1002) &
ADVANCED FLIGHTLAB (AVIA2001)**

FLIGHTLAB (AVIA1002) introduces the practical aspects of flight from the cockpit of an aircraft thereby enhancing the theoretical portion of our three-year Aviation Management diploma program. The course consists of 6 hours of in-flight instruction in a four-seat aircraft (along with three other students and your pilot) as well as 2.0 hours of ground briefing. **FLIGHTLAB** will run concurrently with **Aviation Orientation (AVIA1000)** in Semester 1. **Aviation Orientation** is the theory component of **FLIGHTLAB**. Upon completion of this course, students will have demonstrated the ability to:

- explain aircraft documentation and identify aircraft pre-flight procedures;
- describe weather factors relating to flight safety procedures;
- outline various air maneuvers and emergency procedures;
- explain basic instrument navigation techniques;
- associate weight and balance calculations with aircraft performance calculations;
- explain VOR and ADF tracking;
- verbally demonstrate aircraft handling procedures.

ADVANCED FLIGHTLAB (AVIA2001)

Advanced FLIGHTLAB continues with and enhances the principles introduced in **FLIGHTLAB**. It applies VFR navigation theory of the program through cross-country flight and reinforces navigation and navigation aid concepts from the cockpit of an aircraft. The course consists of 5 hours of in-flight instruction (along with three other students and your pilot) as well as 2 hours of ground briefing. **Advanced FLIGHTLAB** will run concurrently with **Navigation and Navigation Aids (AVIA2002)** in Semester 4. **Navigation and Navigation Aids** is the theory component of **Advanced FLIGHTLAB**. Upon completion of this course, students will have demonstrated the ability to:

- prepare VFR cross country flights
- participate in a VFR cross country flight;
- participate in an IFR cross country flight;
- explain the operation of instruments used in IFR navigation.

After completing both **FLIGHTLAB** and **Advanced FLIGHTLAB**, students will have received a total 4.0 hours of ground training and 11 hours of in-flight training. The in-flight training in both courses will be with three other students, plus the pilot, in a 4-seat aircraft. The combined 11 hours of in-flight training is designed to enhance training in a cockpit environment at a significantly reduced cost than that of a student obtaining this level of training privately.

YOUR COST

The cost of **FLIGHTLAB** is \$610 and includes flight and ground transportation. This cost is included in your total first-year fees which are due in June. The cost for **Advanced FLIGHTLAB** is estimated at \$610 and will be due at the same time as your Semester 4 fees (due in March – price subject to change without notice).

If you currently have a PPL, Commercial Pilots Licence or have completed more than 22.5 hours of flight time toward your PPL, you may apply for an exemption from **FLIGHTLAB**, and **Advanced FLIGHTLAB**. In addition, if you have passed the Transport Canada ground school test, you may apply for an exemption from **Aviation Orientation**. Exemptions will be granted on an individual basis. Please contact the Aviation Management Co-ordinator at 705-728-1968. ext 1419 for more details.

GROUND TRANSPORTATION

Transportation to the airport from the College is included in the **FLIGHTLAB** and **Advanced FLIGHTLAB** fees. There will be no weekend flying required unless weather conditions dictate a change in the established flight timetables.

We look forward to seeing you in the Fall!