

**SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE MARIE, ON**



COURSE OUTLINE

Course Title: Aeronautics

Code No.: AVT 110-6

Semester: Three (3)

Program: Aviation Technology (flight)

Author: Louis St Pierre

Date: April 1998 Previous Outline Date:

Approved:

K. DeRosario

Dean

April 23/98

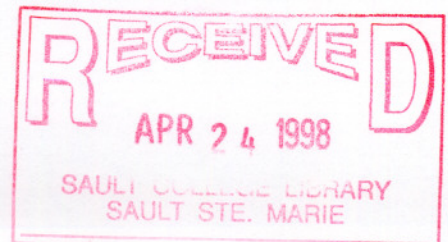
Date

Total Credits: 6

Prerequisite(s): AVT 100-5

Length of Course: 16 weeks Total Credit Hours:

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I. COURSE DESCRIPTION:

To teach the preparatory ground instruction that is required by Transport Canada, and study for the completion of the Transport Canada Private Pilot Written Exam. Classes will take place as need, usually when the weather is not suitable for the flight training.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

(Generic Skills Learning Outcomes placement on the course outline will be determined and communicated at a later date.)

Upon successful completion of this course the student will demonstrate the ability to:

- 1) have the required knowledge to participate in the flying portion of semester 3

Potential Elements of the Performance:

all of the contents of the Flight Training Manual up to and including Exercise 24: instrument flying, review of the Zlin Pilot operating handbook.

- 2) to complete the requirements for writing the Transport Canada Private Pilot written exam

Potential Elements of the Performance:

review of some of the subject matter covered in AVT 101 and AVT 100, and writing the Sault College Private Pilot Qualification exam.

III. TOPICS:

- 1) Preparatory Ground Instruction
- 2) Zlin Systems

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

From the Ground Up

Flight Test Standards Guide for Private and Commercial Pilots (TP2655)

Aeronautical Information Publication (AIP)

Canada Flight Supplement

The Flight Training Manual

The Zlin ground school manual



V. EVALUATION PROCESS/GRADING SYSTEM

The student will be assessed by tests and a final exam. The tests will be based on the preparatory ground instruction and Zlin systems. The final exam will be Private Pilot Qualification Exam. Weighting of each test will be 50 % for all tests prior to the final and 50 % for the final exam.

GRADE:

- A+ - 93 - 100%
- A - 87 - 92%
- B - 80 - 86%
- C - 70 - 79%
- R - Below 70%

- To be recommended to write the Transport Canada Private Written Exam, the Sault college Private Qualification Exam must be passed with a minimum of 70% overall and a 70% in each of the four segments. An "R" grade will be awarded for AVT 110-6 in the event of a failure regardless of the resulting average.

- The Transport Canada Written Exam is not included in college grades although a minimum of 70% as well as a pass of all segments is required to continue on course. An "R" grade will be awarded in the event that this requirement is not met.

- Students who already hold a Private Pilot License will not write the Transport Canada Private Pilot Exam, however they will write the Private qualification exam.

- Students may request a deferment of a test for compassionate reasons. Compassionate Grounds for deferment will include but not be limited to death of an immediate family member, personal illness, or recent diagnosis of a serious illness of a family member. **Rewrites will not be permitted after the fact for compassionate reasons.**

- **"R" grades in any subject at the end of a semester will result in termination from the program. Re-writes in aviation subjects are not permitted except as provided in the re-write policy below.**

- Attendance is mandatory for all Aviation classes unless approval is granted in advance.

- Although attitude, co-operation, etc., are not graded, students may be terminated based on their performance in this area. These attributes are also considered in the selection of the Air Canada Award and other scholarships.

- Dates of tests will be announced at least 1 week in advance.

VI. SPECIAL NOTES:**Re-write policy**

-no re-writes on mid term tests

- An individual section of the Sault College Private Qualification Exam may be re-written in the event of a failure provided the overall semester average is 70% or greater and the failed section is within 5% of a pass (ie. 65% or more). If more than one section is failed, re-writes will not be permitted. The re-written section will be averaged with the failed section to determine the resulting mark which must be 70% or above to pass. If the delay in obtaining a recommendation for the DOT Private Written Exam results in the student not writing with the remainder of the class, then the student must make his/her own arrangements to write the DOT Commercial Written Exam within the time limit specified by the instructor.

- No re-writes on the DOT Commercial Written Exam

- Special Needs

If you are a student with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.

- Retention of Course Outlines

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions.

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following: