

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

COURSE OUTLINE

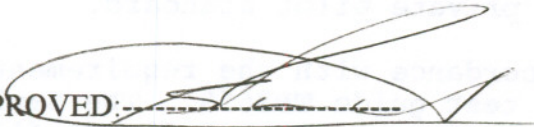
COURSE TITLE : AIR FLIGHT TRAINING

CODE NO.: AFT 105-11 SEMESTER 3

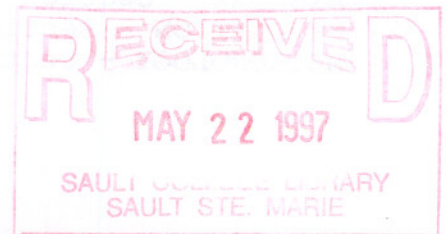
PROGRAM: AVIATION TECHNOLOGY (FLIGHT)

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DATE; 12 MAY 1997 PREVIOUS DATE: AUGUST 1995

APPROVED: 
DEAN

DATE: MAY 20, 1997



AIR FLIGHT TRAINING I

AFT 105-11

COURSE NAME

CODE NO.

TOTAL CREDIT 11

PREREQUISITE(S): Valid CAT 1 medical and satisfactorily completed semester 1 & 2 academics with a 3.0 GPA.

I. PHILOSOPHY/GOALS:

The aim of the Aviation Program is to produce professional pilots within a structured time frame. Upon completion of this course the student shall exhibit competencies in the following area:

Aircraft Operation - a) The student shall be able to operate a light single engine aircraft proficiently and safely.

b) The student shall pass the Transport Canada Private Pilot Flight test within specified time-frames outlined in the Pilot Training Curriculum as contained in the student progress book.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will pass the Private Pilot Flight Test. Candidates with PPLs will pass all the Progress Flight Tests to the private pilot standard.

The flight program will be in accordance with the requirements of the Transport Canada (TC) flight test guide TP2655. The Sault College semester progress flight test or Transport Canada flight test recommendations will be as published and amended from time to time in the students flight progress book.

Responsibilities, professionalism and discipline are an integral part of this program.

The student will know the following material to the PPL Standard as set forth in the Study Reference Guide for Private Pilot Licence Aeroplanes TP12880 (as they apply to aircraft operation):

- 1) AIR LAW - Section 1 Air Law
- 2) NAVIGATION - Section 6 Navigation and Radio Aids
- 3) METEOROLOGY - Section 5 Meteorology

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V. EVALUATION METHODS: (INCLUDES ASSIGNMENTS, ATTENDANCE REQUIREMENTS, ETC.)

The student shall be assessed by:

- a) Scheduled progress flight check as indicated on the semester progress flight check sheet in the Student Progress Book.
- b) Progress write-ups by the instructor following each dual flight. These write-ups will indicate the students day to day progress. Difficulties in addition to the debriefing and write-up will be in as much detail as possible.
- c) Unscheduled progress flight checks will be at the request of the Field Coordinator or CFI (Chief Flying Instructor).
- d) The Transport Canada Private Pilot Flight Test or Semester Final Progress Flight Test, as appropriate.

Final and midterm grades will be indicated by "S" - Satisfactory, "U" - Unsatisfactory or, "X" - Incomplete (not to be used for semester final except as a temporary measure if flight test has not been completed due to weather, etc.)

A "U" (Unsatisfactory) semester end assessment constitutes a failure and termination from the Aviation Flight Program.

VI. REQUIRED STUDENT RESOURCES

Flying Training Manual - Transport Canada

Aircraft Handling Manual - Manufacturer

Aeronautical Information Publication - Transport Canada

Proper Flying Attire as recommended by the Field Coordinator

FLIGHT TRAINING POLICY

SEMESTER 3

Sault College Aviation training has adopted a policy which allows a percentage overage for each phase of Flight Training. The training program has training in semesters 3,4,5,6 and 7. The individual semester is also broken down into phases. The student pilot is allowed a 10% overage for the PPL with a 20% overage in phase 1 of semester 3 for the ab initio student. Should the student use up his/her extra training time, then that person will appear before a Review Committee for a decision to either continue training or to cease training. The Review Committee will have at least the CFI or his/her delegate, another instructor not involved with the student in question training, an Aviation student from that semester and if possible the Dean.

SEMESTER 3-	AB INITIO	LICENCED PILOT
■ normal	10 hours	solo 3 hours
■ 20% overage	2	overage 2
Time to solo MAX	<hr/> 12	<hr/> 5
Time to Mid -Term	31.9	17
overage 10%	3.2	1.7
Time to Mid-Term max	<hr/> 35.1	<hr/> 18.7
Time to PPL	54 hours	30.5
10% overage	5.4	3.0
Max to PPL	<hr/> 59.4	<hr/> 33.5

