

#29

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: AIR FLIGHT TRAINING II

CODE NO.: AFT 115-9 SEMESTER: FOUR (4)

PROGRAM: AVIATION TECHNOLOGY (FLIGHT)

AUTHOR: B. GOVETT

DATE: JULY 1991 PREVIOUS OUTLINE DATED: JUNE 1986

APPROVED:

1993
20
L.P. Crozatt
DEAN

9/1/08/06
DATE

93-07/08

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TOTAL CREDIT HOURS _____

PREREQUISITE(S): Valid CAT 1 Medical as required, Satisfactorily completed Air Flight Training I and holding a Valid PPL.

I. PHILOSOPHY/GOALS:

Upon completion of this course the student shall exhibit competencies in the following area:

Aircraft Operation - The student shall be able to operate a light single engine aircraft and a heavier single engine aircraft proficiently and safely throughout the entire flight envelope.

II. STUDENT PERFORMANCE OBJECTIVES:

Upon successful completion of this course the student will:

- 1) Be able to demonstrate greater skills/competencies as partial completion of the approved Commercial Pilot requirements
- 2) Have successfully passed the college Flight Progress Test
- 3) Demonstrate sound knowledge and understanding of aircraft and flight principles.

III. TOPICS TO BE COVERED: are toward study and partial completion of Commercial Pilot's Licence.

- a) Navigation, Meteorology, Theory of Flight, Air Regulations, Airframes and Engines, and Instruments.
- b) Preparatory lessons 1 to 25 as indicated in the MOT Flying Training Manual.

IV. LEARNING ACTIVITIES

Navigation
Meteorology
Theory of Flight
Air Regulations
Airframes and Engines
Instruments

Preparatory lessons
1 through 25

Progress Ride (LP87) may be conducted prior to the completion of all 25 Lessons. Some lessons, unrelated to the final Progress Ride (LP87) may be carried over to the next semester

REQUIRED RESOURCES

A continuation and review of previous lessons and "From the Ground UP"

MOT Flying Training Manual

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

The student shall be assessed by:

- a) Progress write-ups by the instructor following each dual flight and scheduled flight simulator checks, following the standardized evaluation format.

Final grade will be based on the results of the final flight test, normally referred to as Lesson Plan 87, using the Transport Canada Flight Test Report (Private/Commercial/Partial).

Grades will be indicated by "S" - Satisfactory, "U" - Unsatisfactory or, "X" - Incomplete (not to be used for semester final.)

VI. **REQUIRED STUDENT RESOURCES**

Flying Training Manual - Transport Canada

Aircraft Handling Manual - Manufacturer

Canada Flight Supplement - Transport Canada

Aeronautical Information Publication - Transport Canada

VII. **ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY:**

Book Section (TITLE, PUBLISHER, EDITION, DATE, LIBRARY CALL NUMBER IF APPLICABLE - SEE ATTACHED EXAMPLE)

Periodical Section (MAGAZINES, ARTICLES)

Audiovisual Section (FILMS, FILMSTRIPS, TRANSPARENCIES)

VIII. SPECIAL NOTES

Students with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.