

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



COURSE OUTLINE

Course Title: INSTRUCTIONAL TECHNIQUES

Code No.: AVT 240

Semester: SEVEN(7)

Program: AVIATION TECHNOLOGY (FLIGHT)

Author: EARL TURNER

Date: JANUARY 1998

Previous Outline Date: _____

Approved: _____

K. DeRosario
Dean

Dec. 22/98
Date

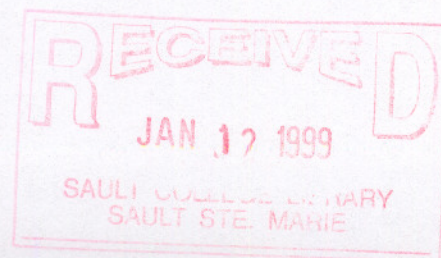
Total Credits: 2

Prerequisite(s): AVT 205

Length of Course: 16 weeks Total Credit Hours: 24 periods

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COURSE NAME **INSTRUCTIONAL TECHNIQUES**
COURSE NUMBER **AVT 240**

I. COURSE DESCRIPTION:

The subject is a study of the principles of learning and techniques of instruction and a review of theory of flight and general aviation knowledge, leading to the Department of Transport Flight Instructor Endorsement Examinations. In addition, students will participate in classroom exercises to gain experience in giving preparatory instruction and pre/post flight briefings.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

- 1) demonstrate sufficient knowledge of the requirements toward the DOT written exam for the Flight Instructor Rating, Class IV as per the Study and Reference Guide, TP2810E.
- 2) meet the practical requirements of conducting Preparatory Instruction, Pre-flight and Post-flight briefings, and student evaluation as per the DOT Flight Test Guide - Flight Instructor Rating.
- 3) be recommended to write the DOT Class IV Flight Instructor Written Exam. (pending meeting the experience requirements)

Potential Elements of the Performance:

ground school
pre and post flight briefings
in-flight instruction
preparatory instruction

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III. TOPICS:

As per the latest revision of DOT publication: Study and Reference Guide
Flight Instructor Rating
 Aeroplane and Helicopter
 TP 2810E

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

1. Study and Reference Guide, Private and Commercial Pilot Licences - Aeroplane TP 5717E
2. Flight Test Guide, Private and Commercial Pilot Licences - Aeroplane, TP 2655E
3. Study and Reference Guide, Flight Instructor Rating, Aeroplane and Helicopter, TP 2810E
4. Flight Test Guide, Flight Instructor Rating, Aeroplane - Transport Canada
5. Flight Instructor Guide, TP 975E
6. Aeronautical Information Publication (AIP) Canada
7. From the Ground Up - A. F. MacDonald
8. Flying Training Manual - Transport Canada
9. Canada Flight Supplement, GPH 205
10. Pilots Operating Handbook - Zlin Z242L (Ground school copy)
11. Canadian Aviation Regulations (Internet access)

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V. EVALUATION PROCESS/GRADING SYSTEM

The Student will be assessed in four (4) ways as follows:

1. The student will be expected to prepare and hand in a lesson plan on an assigned air exercise. This lesson plan will be marked for completeness and conformity to the recommended lesson plan layout. This will be worth 10% of the overall mark.
2. The student will be expected to give a lesson on the assigned air exercise under a simulated circumstance. ie: Preparatory instruction to one or more students within the class. This lesson will be marked by the other students as per the Flight Test Guide. This will be worth 10% of the overall mark.
3. The student will be expected to mark each other student in the class who is giving an assigned lesson. The marking sheet will be assessed by the instructor for conformity to the Flight Test Guide. This will be worth 10% of the overall mark.
4. The student will be expected to write a Final Written Examination which will be similar in layout and content to the Exam Specified in the Study and Reference Guide. This exam will be worth 70% of the overall mark.

The Four marks obtained will be added together for a total mark out of 100.

GRADE:

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

- 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.

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- 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.

RE-WRITE POLICY

- No re-writes on mid-term tests.
- The final exam of AVT 240 may be re-written in the event of a failure provided the semester average is 70% or greater and the failed final exam is within 5% of a pass. (i.e. 65% or above). The re-written final exam will be averaged with the failed final exam to determine the resulting mark which must be 70% or above to pass.

VI. SPECIAL NOTES:

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.

Disclaimer for Meeting the Needs of the Learners

VII. PRIOR LEARNING ASSESSMENT

There will be no advanced credit given for this course.

