

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY

SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: INSTRUCTIONAL TECHNIQUES

Code No.: AVT 240-2

Program: AVIATION TECHNOLOGY (FLIGHT)

Semester: IV

Date: JUNE 1986

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New: _____ Revision: X

APPROVED: *J.P. Crozetta*
Chairperson

Date

INSTRUCTIONAL TECHNIQUES

AVT 240-2

Course Name

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PHILOSOPHY/GOALS:

The objective of this course is to provide students with the knowledge and practical experience required to complete the Department of Transport, Class IV flying instructor's written examination, and the ground portion of the Ministry of Transport Class III flying instructor's practical test.

Areas of study will include:

- A. Techniques of teaching and principles of learning
- B. Preparatory ground instruction
- C. Pre and Post flight briefing
- D. Flight crew licensing
- E. Endorsements and rating
- F. Flight crew medical standards
- G. Wake turbulence
- H. Aircraft operations and flight safety
- I. Aircraft instruments
- J. Aerodynamics

METHOD OF ASSESSMENT (GRADING METHOD):

The student will be assessed by written mid-term and final examinations and a Transport Canada written Flight Instructor Rating and Instrument Instruction Endorsement examinations. All tests will carry equal weight.

Grades will be indicated as follows:

- A - 90-100%
- B - 80- 89%
- C - 70- 79%
- X - below 70% at mid-term
- R - below 70% at final grading

TEXTBOOK(S):

D.O.T. - Personnel Licensing Handbook - Flight Crew

D.O.T. - Personnel Licensing Handbook - Medical Requirements

D.O.T. - Flight Instructor Guide

REFERENCE TEXTS:

Transport Canada - Aeronautical Information Publication

TOPIC NO.	PERIODS	TOPIC DESCRIPTION	REFERENCE
1	5	Review aerodynamics	Pultz - Flying Instructor Course
2	13	Preparatory ground instruction	D.O.T. Flight Instructor Guide
3	10	Pre and post flight briefing	
	1	Mid-Semester Examination	
4	4	Flight crew licensing	Personnel Licensing Handbook - Flight Crew
5	3	Endorsements and ratings	
6	3	Medical standards for flight crews	Personnel Licensing Handbook - Medical Requirements
7	1	Wake turbulence	
8	3	Aircraft operations and flight safety	
9	2	Aircraft Instruments	
10	5	Review of aerodynamics	Pultz - Flying Instructor Course
	2	Final Written Examination	