

SAULT COLLEGE
of Applied Arts and Technology
Sault Ste. Marie

COURSE OUTLINE

INSTRUCTIONAL TECHNIQUES

AVT 240-2

revised June, 1981

INSTRUCTIONAL TECHNIQUES

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TEXTS:

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

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

M.O.T. - - - - Flight Instructor Guide

Pultz - - - - Flying Instructor Course

REFERENCE TEXTS:

Transport Canada --- Aeronautical Information Publication

General Objectives:

The objective of this course is to provide students with the knowledge and practical experience required to complete the Ministry of Transport, Class III 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) flight crew licensing qualifications
- (b) flight crew medical requirements
- (c) techniques of teaching and principles of learning
- (d) aerodynamics
- (e) wake turbulence
- (f) aircraft operations
- (g) aircraft instruments
- (h) administration
- (i) preparatory ground instruction, and
- (j) pre and post flight briefing

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Topic No.	Periods	Topic Description	Reference
1	3	Issue, privilege and renewal of flight crew licences	Personnel Licensing Handbook - Flight Crew
2	3	Endorsements and Ratings	
3	2	Ministry of Transport Forms	
4	1	Medical Facts for Flight Crews	Personnel Licensing Handbook - Medical Requirements
5	3	Medical Standards for Flight Crews	
6	1	Mid-Semester examination	
7	5	Techniques of teaching and principles of learning	M.O.T. Flight Instructor Guide
8	5	Review of aerodynamics	Pultz - Flying Instructor Course
9	1	Wake Turbulence	
10	2	Aircraft Operations	
11	2	Aircraft Instruments	
12	2	Administration	
13	2	Final written examination	
14	10	Preparatory ground instruction	M.O.T. Flight Instructor Guide
15	10	Pre and post flight Briefing	