

SAULT COLLEGE  
of Applied Arts and Technology  
Sault Ste. Marie

## COURSE OUTLINE

INSTRUMENT PROCEDURES  
&  
FLIGHT OPERATIONS  
AVT 235-2

revised June, 1981

INSTRUMENT PROCEDURES & FLIGHT OPERATIONS

AVT 235-2

TEXTS:

Transport Canada - Instrument Procedures Manual (IPM)

Transport Canada - Aeronautical Information Publication (AIP)

STUDY AND REFERENCE GUIDE:

M.O.T. -- Instrument Rating

REFERENCE TEXTS:

M.O.T. -- Personnel Licensing Handbook, Volume 1 - Flight Crew

M.O.T. -- Canada Air Pilot

M.O.T. -- IFR Supplement

D. of E. M. & R. -- Radio Navigation Charts

Fostair -- Instrument Rating Course

INSTRUMENT PROCEDURES & FLIGHT OPERATIONS

AVT 235-2

GENERAL OBJECTIVE:

The primary objective of this course is to add to the material covered in AVT 226-4 and thereby provide students with the knowledge required to complete the Ministry of Transport Instrument Rating Examination. In addition, students will be introduced to techniques and equipment beyond the Ministry of Transport Requirements in order to better prepare them for employment in a greater variety of aviation positions.

## AVT 235-2

TOPIC NO.	PERIODS	TOPIC DESCRIPTION	REFERENCE
1	3	Aircraft Instruments	IPM Film - Diaphragm Instruments
2	6	IFR Flight Planning	IPM AIP
3	1	VHF Direction Finding	IPM
4	1	Radio Range	Fostair IRC
5	2	Instrument Landing System	IPM
6	5	Review	All Texts
7	2	Mid-Semester Examination	
8	3	M.O.T. Instrument Rating Examination	
9	3	Morse Code Practice	IFR Supplement
10	2	DME Arcs & DME Arc Approaches	Hand-out
11	1	Point to Point Navigation	Hand-out
12	2	The Horizontal Situation Indicator	Hand-out
13	2	Navigation Rules of Thumb	Hand-out
14	1	Critical Point & Radius of Action	Hand-out
15	2	Final Examination	