

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: SAFETY AND HUMAN FACTORS IN AVIATION
Code No.: AVT 280-3
Program: AVIATION TECHNOLOGY
Semester: FOUR
Date: MARCH 1986
Author:

New: _____ Revision: _____

APPROVED: _____
Chairperson Date

SAFETY AND HUMAN FACTORS IN AVIATION

Course Name

AVT 280-3

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PHILOSOPHY/GOALS:

The objectives of this course are to review survival and winter flying techniques, to ensure students have an awareness of typical accident causes, to discuss effects of the human body during flight, and to study the handling of dangerous goods.

METHOD OF ASSESSMENT:

See cover sheet re: Grading and Reporting.

TEXTS:

R.C.A.F. -- Down But Not Out

Transport Canada - Regulations for Handling Dangerous Goods

I.A.T.A. - Dangerous Goods Regulation

REFERENCE TEXTS:

D.O.T. - Accident Reports

D.O.T. - Safety Letters

COURSE OUTLINE:

<u>TOPIC</u>	<u>PERIODS</u>	<u>TOPIC DESCRIPTION</u>	
1	1	Snowshoeing - Lecture	
2	2	Snowshoeing - Practice	
3	2	Survival - Review	
4	2	Winter flying	
5	8	Aero-medicine	Guest Lecturer
6	2	Typical accident causes	D.O.T. Safety Letters and Accident Reports
7	1	Review	
	2	Mid-Semester Examination	
8	10	Dangerous Goods Regulations	I.A.T.A. Regulations
9	1	Film & Discussion "Caution Wake Turbulence"	
10	1	Film & Discussion "Approaches in Fog"	
11	1	Film & Discussion "Medical Facts for Pilots"	
12	10	First Aid	Guest Lecturer
13	3	Class symposium on flight safety	
14	4	Review	
	2	Final Semester Examination	