



COURSE OUTLINE: AVT259 - INSTRUMENT PROCEDURE

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Approved: Greg Farish, Chair, Aviation Technology - Flight

Course Code: Title	AVT259: INSTRUMENT PROCEDURES
Program Number: Name	4061: AVIATION TECHNOLOGY
Department:	AVIATION TECHNOLOGY
Semesters/Terms:	20W
Course Description:	This course covers the rules and procedures for all aspects of flight in instrument meteorological conditions. Topics covered are navigation aid tracking, general flight rules, departure, enroute, arrival and holding procedures. An emphasis is placed on sourcing all course material from official government publications such as the AIP and CARs.
Total Credits:	1
Hours/Week:	1
Total Hours:	15
Prerequisites:	AFT120, AVF241, AVF242, AVF245, AVT248
Corequisites:	There are no co-requisites for this course.
This course is a pre-requisite for:	AFT360, AVT361, AVT363, AVT364, AVT366, AVT369
Essential Employability Skills (EES) addressed in this course:	<p>EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.</p> <p>EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>EES 3 Execute mathematical operations accurately.</p> <p>EES 4 Apply a systematic approach to solve problems.</p> <p>EES 5 Use a variety of thinking skills to anticipate and solve problems.</p> <p>EES 6 Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>EES 10 Manage the use of time and other resources to complete projects.</p> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>
Course Evaluation:	Passing Grade: 70%, B
Other Course Evaluation & Assessment Requirements:	Unexcused absences will result in 2% deduction of the final mark for each occurrence, arriving for class late will result in a 1% deduction of the final mark for each occurrence, and violations of the dress code will result in a 1% deduction of the final mark for each occurrence. Refer to the SOP GEN 1.3 for dress code policies and SOP GEN 1.6.7 for policy regarding absence



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from classes.

Quizzes will be given without prior notice.

Students may request a deferment of a test or exam or exam 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. Make-ups will not be permitted after the fact for compassionate reasons.

A classroom code of conduct can be found in the SOP General section, and will be adhered to. Attendance is mandatory for all Aviation classes unless approval is granted. In the case of illness, a phone call, voice mail or e-mail message is expected.

If a student expects to be late or will be delayed for any reason, every attempt should be made to contact the professor, or leave a message on voice mail or e-mail.

Although attitude, co-operation, etc., are not graded, students may be terminated based on their performance in this area (see section VI). 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.

Books and Required Resources:

AERONAUTICAL INFORMATION MANUAL by TRANSPORT CANADA
Publisher: TRANSPORT CANADA
ISBN: 1715-7382/TP 14371E

CARs CANADIAN AVIATION REGULATIONS
<https://www.tc.gc.ca/eng/acts-regulations/regulations-sor96-433.htm>

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
Understand the general layout and be able to navigate through the relevant sections of the AIM. with an objective to using the AIM as a learning document and as a reference for the professional IFR commercial pilot	
Course Outcome 2	Learning Objectives for Course Outcome 2
Appreciate the practical need to integrate IFR procedures with the Canadian Aviation Regulations Regulations as they relate to daily commercial IFR operations.	
Course Outcome 3	Learning Objectives for Course Outcome 3
The need to be self reliant and take responsibility for	



	knowing all relevant IFR procedure and Canadian Aviation Regulations for a 703, 704 and 705 operation	
	Course Outcome 4	Learning Objectives for Course Outcome 4
	The ability to effectively navigate IFR ground, aircraft and satellite-based aids.	
Evaluation Process and Grading System:	Evaluation Type	Evaluation Weight
	FINAL EXAM	50%
	MIDTERM EXAM	30%
	QUIZZES	20%
Date:	January 22, 2020	
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.	