



# COURSE OUTLINE

## AVT259

Prepared: JOHN PORTAS    Approved: GREG MAPP

<b>Course Code: Title</b>	AVT259: INSTRUMENT PROCEDURES
<b>Program Number: Name</b>	4061: AVIATION TECHNOLOGY
<b>Department:</b>	AVIATION TECHNOLOGY
<b>Semester/Term:</b>	18W
<b>Course Description:</b>	This course covers the rules and procedures for all aspects of flight in instrument meteorological conditions. Topics covered are 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.
<b>Total Credits:</b>	1
<b>Hours/Week:</b>	1
<b>Total Hours:</b>	15
<b>Prerequisites:</b>	AFT120, AVF241, AVF242, AVF245, AVT248
<b>This course is a pre-requisite for:</b>	AFT360, AVT361, AVT363, AVT364, AVT366, AVT369
<b>Essential Employability Skills (EES):</b>	<p>#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>#2. Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>#3. Execute mathematical operations accurately.</p> <p>#4. Apply a systematic approach to solve problems.</p> <p>#5. Use a variety of thinking skills to anticipate and solve problems.</p> <p>#6. Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>#7. Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>#8. Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>#9. Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>#10. Manage the use of time and other resources to complete projects.</p> <p>#11. Take responsibility for ones own actions, decisions, and consequences.</p>
<b>General Education Themes:</b>	Personal Understanding

	Science and Technology								
<b>Course Evaluation:</b>	Passing Grade: 70%, B								
<b>Evaluation Process and Grading System:</b>	<table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>FINAL EXAM</td> <td>40%</td> </tr> <tr> <td>MIDTERM EXAM</td> <td>30%</td> </tr> <tr> <td>QUIZZES</td> <td>30%</td> </tr> </tbody> </table>	Evaluation Type	Evaluation Weight	FINAL EXAM	40%	MIDTERM EXAM	30%	QUIZZES	30%
Evaluation Type	Evaluation Weight								
FINAL EXAM	40%								
MIDTERM EXAM	30%								
QUIZZES	30%								
<b>Books and Required Resources:</b>	<p>AERONAUTICAL INFORMATION MANUAL by TRANSPORT CANADA  Publisher: TRANSPORT CANADA Edition: 2017-1-March 30, 2017  ISBN: 1715-7382/TP 14371E</p> <p>CARs CANADIAN AVIATION REGULATIONS  <a href="https://www.tc.gc.ca/eng/acts-regulations/regulations-sor96-433.htm">https://www.tc.gc.ca/eng/acts-regulations/regulations-sor96-433.htm</a></p>								
<b>Course Outcomes and Learning Objectives:</b>	<p><b>Course Outcome 1.</b></p> <p>Upon successful completion of this course, the student will demonstrate the ability to:</p> <ol style="list-style-type: none"> <li>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</li> <li>2. Appreciate the practical need to integrate IFR procedures with the Canadian Aviation Regulations Regulations as they relate to daily commercial IFR operations.</li> <li>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</li> </ol> <p><b>Learning Objectives 1.</b></p> <p>As a result of completing the outcomes of the course</p> <p>Become a conscientious professional IFR commercial pilot that meets or exceeds the industry standards for safety in commercial operations</p>								
<b>Date:</b>	Thursday, February 8, 2018								
	Please refer to the course outline addendum on the Learning Management System for further information.								