



## COURSE OUTLINE: AFT361 - FLIGHT TRAINING V

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Approved: Greg Farish - Dean

<b>Course Code: Title</b>	AFT361: FLIGHT TRAINING V
<b>Program Number: Name</b>	4061: AVIATION TECHNOLOGY
<b>Department:</b>	AVIATION TECHNOLOGY
<b>Academic Year:</b>	2025-2026
<b>Course Description:</b>	<p>This course has a primary focus on preparing students to meet the standards required for the Instrument Rating Flight Test. Through advanced flight instruction, students will refine their piloting skills, enhance their knowledge, and develop the necessary proficiency for successful completion of the flight test.</p> <p>The course culminates with a simulator progress simulator evaluation, where students demonstrate their ability to perform a variety of maneuvers and flight procedures.</p>
<b>Total Credits:</b>	6
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	45
<b>Prerequisites:</b>	AFT134, AFT250
<b>Corequisites:</b>	AFT362
<b>This course is a pre-requisite for:</b>	AFT370, AVF373
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>4061 - AVIATION TECHNOLOGY</b> VLO 1 Aviation Technology - Flight
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>	
<b>Essential Employability Skills (EES) addressed in this course:</b>	<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 10 Manage the use of time and other resources to complete projects.</p>



	EES 11 Take responsibility for ones own actions, decisions, and consequences.
<b>Course Evaluation:</b>	Satisfactory/Unsatisfactory & A minimum program GPA of 2.0 or higher where program specific standards exist is required for
<b>Other Course Evaluation &amp; Assessment Requirements:</b>	<p>Evaluation Considerations:</p> <p>Students will be assessed by a combination of attendance and deperment, and labs which are outlined in Sault College`s Flight Training Manual.</p> <p>Students may request a deferment of a PGI or lab 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-up evaluations will not be permitted without prior notice regardless of the circumstances.</p> <p>Attendance:</p> <p>Attendance is mandatory for courses which appear on the student`s formal Ground School Record required by Transport Canada.</p> <p>To be excused from class due to illness or other unforeseen circumstance, students must inform their instructor/professor via email prior to the start of class. A make-up class may be required.</p> <p>Unexcused absences will result in 2% deduction from the final mark for each occurrence. Arriving for class late will result in a 1% deduction from the final mark for each occurrence.</p> <p>Classroom Conduct:</p> <p>A classroom code of conduct can be found in the Sault College Student Code of Conduct policy, on the Sault College Website. This along with the list of Unacceptable Behaviours in the Sault College Aviation`s SOPs must be adhered to.</p> <p>Violations of the dress code will result in a Letter of Warning (LOW). Refer to the Sault College Aviation Standard Operating Procedures (SOPs) manual, Section 10, for dress code policies.</p> <p>Student Support and Students at Risk:</p> <p>Student support services are provided through Sault College`s Student Services department. All students are encouraged to use these services to enhance their learning experience. Services like peer tutoring provides support from Aviation students in years ahead, who have demonstrated success in the program.</p> <p>If a faculty member determines that a student is at risk of not being successful in their academic pursuits and has exhausted all strategies available to faculty, student contact information may be confidentially provided to Student Services to offer even more assistance with options for success. Any student wishing to restrict the sharing of such information should make their wishes known to the coordinator or faculty member.</p>
<b>Books and Required Resources:</b>	<p>Headset Aviation headset (for airplanes, not helicopters)</p> <p>Transport Canada`s Flight Training Manual, 4th edition</p>



Zlin 242 Pilot's Operating Handbook  
Instrument Procedures Manual, 5th edition  
Piper Seminole (PA44) Information Manual (manual part number 761-873 applicable to aircraft :  
Current edition of the Canada Flight Supplement  
Current edition of the Sault Ste. Marie VFR Navigation Chart  
Current edition of Enroute Low Altitude 3 & 4 (LO3&4)  
Current edition of Enroute Low Altitude 5 & 6 (LO5&6)  
Current edition of Canada Air Pilot 4 (CAP4).  
Current edition of the Canadian Terminal Area Charts  
ICAO ruler  
Douglas Protractor  
Flight Computer  
Fuel tester  
Flashlight  
Aeronautical Information Manual (AIM)  
<https://www.tc.gc.ca/en/services/aviation/publications/tc-aim.html>  
Transport Canada Flight Test Guides  
<https://tc.gc.ca/en/services/aviation/licensing-pilots-personnel/getting-trained-pilot-crew-member>  
Transport Canada Study and Reference Guides/Sample Examinations  
<https://tc.gc.ca/en/services/aviation/licensing-pilots-personnel/flight-crew-licenses-permits-rating>  
IFR Training Goggles or Hood

**Course Outcomes and Learning Objectives:**

<b>Course Outcome 1</b>	<b>Learning Objectives for Course Outcome 1</b>
Maintain satisfactory progress in achieving the standards of the lesson plans in the phase of flight in which they are currently training	Potential Elements of the Performance: - Achieve satisfactory progress on lesson plans completed to date. - Successfully complete any stage checks required for the phase of flight they are in.
<b>Course Outcome 2</b>	<b>Learning Objectives for Course Outcome 2</b>
Be considered safe and competent in the operation of Sault College aircraft.	Potential Elements of the Performance: - Demonstrate a high degree of proficiency in all normal and emergency procedures. This includes the ability to verbalize verbatim all memory checklist items. - Demonstrate effective decision making when deciding to fly.



	This includes their personal fitness, weather, our SOPs and the airworthiness of the aircraft.
<b>Course Outcome 3</b>	<b>Learning Objectives for Course Outcome 3</b>
Behave as a Professional Pilot	Potential Elements of the Performance: - Be available, prepared and attend all scheduled lesson plans. - Perform periodically assigned duties such as dispatch, ground handler and assisting in the movement of aircraft. - Be aware of and attempt to limit the adverse consequence of any hazardous attitudes.
<b>Course Outcome 4</b>	<b>Learning Objectives for Course Outcome 4</b>
Retain sufficient theoretical knowledge to understand and apply the concepts taught during flight or simulator training.	Potential Elements of the Performance: - Attend all assigned and scheduled preparatory ground school classes. - Successfully pass any knowledge confirmation quizzes, tests and exams.

<b>Date:</b>	August 20, 2025
<b>Addendum:</b>	Please refer to the course outline addendum on the Learning Management System for further in