COURSE OUTLINE: AFT361 - FLGHT TRAINING V

Prepared: Aaron McCaig
Approved: Greg Farish, Dean, Aviation

Course Code: Title	AFT361: FLIGHT TRAINING V
Program Number: Name	4061: AVIATION TECHNOLOGY
Department:	AVIATION TECHNOLOGY
Academic Year:	2024-2025
Course Description:	This course continues flight training toward the Integrated Commercial Pilot License with a group 1 Instrument Rating ICPL(IR). The key objective is Group 3 (single engine) Instrument Flight Rules (IFR) training. Stage Checks: - IFR Simulator Progress Check
Total Credits:	6
Hours/Week:	3
Total Hours:	45
Prerequisites:	AFT250
Corequisites:	AFT362
This course is a pre-requisite for:	AFT370, AVF373
Vocational Learning Outcomes (VLO's) addressed in this course: Please refer to program web page for a complete listing of program outcomes where applicable.	**4061 - AVIATION TECHNOLOGY** VLO 1 Aviation Technology - Flight
Essential Employability Skills (EES) addressed in this course:	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. EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication. EES 3 Execute mathematical operations accurately. EES 4 Apply a systematic approach to solve problems. EES 5 Use a variety of thinking skills to anticipate and solve problems. EES 6 Locate, select, organize, and document information using appropriate technology and information systems. EES 7 Analyze, evaluate, and apply relevant information from a variety of sources. EES 10 Manage the use of time and other resources to complete projects.

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	EES 11 Take responsibility for ones own actions, decisions, and consequences.
Course Evaluation:	Satisfactory/Unsatisfactory & A minimum program GPA of 2.0 or higher where program specific standards exist is required for
Other Course Evaluation & Assessment Requirements:	The course outlines are designed to match the academic semester a student is in, however the academic semester does not always match the phase of flight training. For example AFT361 is designed to be completed in phase 6, but, due to circumstance beyond the control of either the student or the college this is not always the case. Therefore, providing the student is proceeding at a satisfactory level in the flight training, they will be awarded an X grade. To maintain a satisfactory grade a student must meet the following standards: - Achieve satisfactory progress on each lesson plan. - Pass each stage check in the allotted time. In an effort to accommodate different learning styles, the phases may allow for a personalized learning plan developed on a case by case basis. - Attend at least 95% of all of the scheduled lesson plans and assigned duties. - Students may request a deferment of a flight, including evaluation and test flights, 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. - Achieve a passing grade in all quizzes, tests and exams as required to confirm a sufficient level of knowledge to continue with the next lesson plan. - Be recommended to write all Transport Canada exams. - A code of conduct can be found in the SOP General section, and will be adhered to. The following semester grades will be assigned to students in aviation flight courses: CR (Credit) Credit for diploma requirements has been awarded. S Satisfactory achievement in field /clinical placement or non-graded subject area. U Unsatisfactory achievement in field/clinical placement or non-graded subject area. X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registrar`s office. W Student has withdrawn from the course without academic penalty.
Books and Required Resources:	Headset Aviation headset (for airplanes, not helicopters) Transport Canada`s Flight Training Manual, 4th edition  Zlin 242 Pilot`s Operating Handbook Instrument Procedures Manual, 5th edition Piper Seminole (PA44) Information Manual (manual part number 761-873 applicable to aircraft S 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:	**Course Outcome 1**	**Learning Objectives for Course Outcome 1**
	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.
	Course Outcome 2	**Learning Objectives for Course Outcome 2**
	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.
	Course Outcome 3	**Learning Objectives for Course Outcome 3**
	Behave as a Professional Pilot	Potential Elements of the Performance: - Be available, prepared and attend all scheduled lesson plans. - Preform periodically assigned duties such as dispatch, ground handler and assisting in the movement of aircraft. - Maintain a positive attitude and a spirit of co-operation. This esprit de corps ` promotes

	a positive learning environment. - Be aware of and attempt to limit the adverse consequence of any hazardous attitudes.
Course Outcome 4	**Learning Objectives for Course Outcome 4**
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.
Course Outcome 5	**Learning Objectives for Course Outcome 5**
Flight and simulator training building skills in preparation for the following licences or endorsements	Instrument Rating

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
SE IFR Progress Check and ME Flight Test	100%

Date: June 27, 2024

Addendum: Please refer to the course outline addendum on the Learning Management System for further in