COURSE OUTLINE: AFT250 - FLIGHT TRAINING IV

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Course Code: Title	AFT250: FLIGHT TRAINING IV
Program Number: Name	4061: AVIATION TECHNOLOGY
Department:	AVIATION TECHNOLOGY
Semesters/Terms:	20W
Course Description:	This course continues flight training toward the Integrated Commercial Pilot License with a group 1 Instrument Rating ICPL(IR). This course involves the improving of skills and building of flight time in preparation for the Transport Canada Commercial Flight Test. Also part of this course is writing the Sault College Qualification Exam in order to qualify for writing the Transport Canada Commercial Written exam (CPAER). Flight and simulator training leading to the issuance of the following licences or endorsements: • Single Engine Land Aeroplane Commercial Pilot Licence Flight and simulator training building skills in preparation for the following licences or endorsements: • Integrated Commercial Pilot License with a Group 1 Instrument Rating ICPL(IR) All flight and simulator training is described in The Sault College Training Manual, beginning with phase 2 and progressing through to phase 7.
Total Credits:	9
Hours/Week:	3
Total Hours:	39
Prerequisites:	AFT240, AVF241, AVF242, AVF245, AVT248
Corequisites:	There are no co-requisites for this course.
This course is a pre-requisite for:	AFT360
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 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. EES 11 Take responsibility for ones own actions, decisions, and consequences.
Course Evaluation:	Satisfactory/Unsatisfactory

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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 phase 5 is designed to be completed in AFT250, 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 allow for remedial training time in 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.

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 in an effort 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. |
| **Books and Required Resources:** | Aviation headset (for airplanes, not helicopters)

Flight Training Manual by Transport Canada
Edition: 4th edition (revised)
ISBN: 0-660-19351-5
http://publications.gc.ca/site/eng/9.649390/publication.html

Zlin 242 Pilot`s Operating Handbook by Moravan

Current Edition Canada Flight Supplement by NavCanada
http://www.navcanada.ca/EN/products-and-services/Pages/aeronautical-information-products-c

Current Edition Sault Ste Marie VFR Navigation Chart by NavCanada
http://www.navcanada.ca/EN/products-and-services/pages/aeronautical-information-products-ch

Flight Planning Tools
Douglas Protractor, Flight Computer, Fuel Tester, Flashlight |

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.	Achieve satisfactory progress on lesson plans completed to date. Successfully complete: • Recommendation for the Commercial Flight Test • Transport Canada Commercial Pilot Flight Test
	Course Outcome 2	**Learning Objectives for Course Outcome 2**
	Be considered safe and competent in the operation of Sault College aircraft.	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	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	Attend all assigned and scheduled preparatory ground school classes. Successfully pass any knowledge confirmation quizzes, tests and exams • Sault College Commercial Pilot Qualifier • Transport Canada Commercial Pilot Written Test (CPAER)
	Course Outcome 5	**Learning Objectives for Course Outcome 5**
	Achieve all Pilot In Command (PIC) and solo experience required by Transport Canada for the Commercial Pilot Licence being sought.	Achieve experience requirements: Total solo: Integrated Licence: 90hrs Non-Integrated Licence: 100hrs Solo training time following issuance of a Private Pilot Licence including Total Cross Country, Commercial Cross Country, Night.

Date:	August 1, 2019
Addendum:	Please refer to the course outline addendum on the Learning Management System for further in