COURSE OUTLINE: ATQ111 - CAREER PTHWY-PILOT

Prepared: Jim Cairns
Approved: Greg Farish, Chair, Aviation Technology - Flight

Course Code: Title	ATQ111: CAREER PATHWAY-PROFESSIONAL PILOT
Program Number: Name	4161: AVIATION TECHNIQUES
Department:	CONTROL - SAULT
Semesters/Terms:	21F
Course Description:	This course provides an overview of the licenses, ratings, and medical requirements which are necessary to become a professional pilot. The course will many of the possible licenses and ratings on the way to a career in the air transportation system, such as a professional pilot or flight dispatcher, and will specifically explore the certification stages of Sault College`s Aviation Technology Flight program, beginning with the Private Pilot`s License, and completing with the Group 1 Instrument Rating. The differences of integrated and non-integrated flight training programs will also be explored.
Total Credits:	2
Hours/Week:	2
Total Hours:	30
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course: **Please refer to program web page for a complete listing of program outcomes where applicable.**	**4161 - AVIATION TECHNIQUES** VLO 5 Apply oral and written technical communication skills to succeed in college level aviation programs. VLO 8 Develop effective learning and study skills to support success in the current program of study and advancement into subsequent, higher level, studies in Aviation. VLO 9 Identify various career paths related to aviation.
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 8 Show respect for the diverse opinions, values, belief systems, and contributions of others. EES 9 Interact with others in groups or teams that contribute to effective working

In response to public health requirements pertaining to the COVID19 pandemic, course delivery and assessment traditionally delivered in-class, may occur remotely either in whole or in part in the 2021-2022 academic year.

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	relationships and the achievement of goals.
	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:	Passing Grade: 50%, D A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.
Books and Required Resources:	Canadian Aviation Regulations Publisher: Transport Canada https://www.tc.gc.ca/en/transport-canada/corporate/acts-regulations/regulations/sor-96-433.htm Aeronautical Information MAnual Publisher: Transport Canada https://www.tc.gc.ca/en/services/aviation/publications/tc-aim.html

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
Professional pilot pathways	Understanding of the possible pathways to becoming a professional pilot.
Course Outcome 2	**Learning Objectives for Course Outcome 2**
Aviation Medicals	Understanding of the medical requirements at the different stages to becoming a professional pilot.
Course Outcome 3	**Learning Objectives for Course Outcome 3**
Skill and knowledge requirements	Understanding of the testing associated with each stage of flight training.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Final Exam	40%
Independent Study	10%
Midterm Exam	30%
Quizzes	20%

Date:	August 13, 2021
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.

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