



COURSE OUTLINE: AFT111 - FLIGHT TRAIN PREP 1

Prepared: Jim Cairns

Approved: Greg Farish, Chair, Aviation Technology - Flight

Course Code: Title	AFT111: FLIGHT TRAINING PREPARATION 1
Program Number: Name	4061: AVIATION TECHNOLOGY
Department:	AVIATION TECHNOLOGY
Academic Year:	2022-2023
Course Description:	This course begins the flight training requirements toward the Integrated Commercial Pilot Licence with a group 1 Instrument Rating ICPL(IR). This course involves Preparatory Ground Instruction (PGI) and simulation labs to prepare the student to start in aircraft flight training. Students will complete their Radio Operators Certificate - Aeroplane (ROC-A) and the Pre-Solo Test of Air Regulations (PSTAR). For students with or without a private pilot licence, this course will introduce students to our operating procedures and processes for flight training.
Total Credits:	3
Hours/Week:	3
Total Hours:	45
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:	4061 - AVIATION TECHNOLOGY VLO 1 Aviation Technology - Flight
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>	
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 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:	Satisfactory/Unsatisfactory & A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.												
Books and Required Resources:	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 Pilots Operating Handbook by Moravan												
Course Outcomes and Learning Objectives:	<table border="1"> <thead> <tr> <th>Course Outcome 1</th> <th>Learning Objectives for Course Outcome 1</th> </tr> </thead> <tbody> <tr> <td>Retain sufficient theoretical knowledge to understand and apply the concepts taught during classroom & simulator training</td> <td>Successfully pass any knowledge confirmation quizzes, tests and exams - Pre-Solo Test of Air Regulations (PSTAR) - Radio Operators Certificate written Test (ROC) - College Operations and Training manual quizzes</td> </tr> <tr> <th>Course Outcome 2</th> <th>Learning Objectives for Course Outcome 2</th> </tr> <tr> <td>Attend all assigned and scheduled Preparatory Ground Instruction (PGI) classes.</td> <td>Be able to explain the procedure and theory learned in the PGI classes, during the briefing phase of the lab simulations</td> </tr> <tr> <th>Course Outcome 3</th> <th>Learning Objectives for Course Outcome 3</th> </tr> <tr> <td>Attend all flight simulation labs</td> <td>Demonstrate a reasonable level of understanding and aircraft control during lab simulations</td> </tr> </tbody> </table>	Course Outcome 1	Learning Objectives for Course Outcome 1	Retain sufficient theoretical knowledge to understand and apply the concepts taught during classroom & simulator training	Successfully pass any knowledge confirmation quizzes, tests and exams - Pre-Solo Test of Air Regulations (PSTAR) - Radio Operators Certificate written Test (ROC) - College Operations and Training manual quizzes	Course Outcome 2	Learning Objectives for Course Outcome 2	Attend all assigned and scheduled Preparatory Ground Instruction (PGI) classes.	Be able to explain the procedure and theory learned in the PGI classes, during the briefing phase of the lab simulations	Course Outcome 3	Learning Objectives for Course Outcome 3	Attend all flight simulation labs	Demonstrate a reasonable level of understanding and aircraft control during lab simulations
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Date:	July 5, 2022												
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.												