



COURSE OUTLINE: AFT111 - FT PREPARATION 1

Prepared: Jim Cairns

Approved: Greg Farish, Dean, Aviation

Course Code: Title	AFT111: FLIGHT TRAINING PREPARATION 1
Program Number: Name	4061: AVIATION TECHNOLOGY
Department:	AVIATION TECHNOLOGY
Academic Year:	2024-2025
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. 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.
This course is a pre-requisite for:	AFT120
Vocational Learning Outcomes (VLO's) addressed in this course:	4061 - AVIATION TECHNOLOGY
Please refer to program web page for a complete listing of program outcomes where applicable.	VLO 1 Aviation Technology - Flight
Essential Employability Skills (EES) addressed in this course:	<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 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>EES 9 Interact with others in groups or teams that contribute to effective working</p>



	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.												
Other Course Evaluation & Assessment Requirements:	To be excused from class due to illness or other unforeseen circumstances, students must email the faculty member before the start of class. Students may request a deferment of a test for compassionate reasons, including but not limited to the death of an immediate family member, personal illness, or a recent diagnosis of a serious illness in a family member. Make-ups will not be permitted after the fact for compassionate reasons. Test dates will be announced at least one week in advance. If a faculty member determines that a student is at risk of not succeeding academically and has exhausted all available strategies, the student's contact information may be confidentially provided to Student Services to offer additional support. Any student wishing to restrict the sharing of their information should inform the coordinator or faculty member.												
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 SR20 Pilots Operating Handbook by Cirrus												
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 - 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 - 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:	August 22, 2024												
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.												