



COURSE OUTLINE: AVF373 - 2-CREW & CRM, LOFT

Prepared: Aaron McCaig

Approved: Greg Farish, Dean, Aviation

Course Code: Title	AVF373: 2-CREW & CRM, LOFT
Program Number: Name	4061: AVIATION TECHNOLOGY
Department:	AVIATION TECHNOLOGY
Academic Year:	2024-2025
Course Description:	CRM training is but one practical application of Human Factors. The training will focus on the functioning of the flight crew as an intact team provide opportunities for crew members to practice their skills together in the roles they normally perform in flight. LOFT refers to aircrew training which involves a full mission simulation of situations which are representative of line operations, with special emphasis on situations which involve communications, management and leadership.
Total Credits:	2
Hours/Week:	2
Total Hours:	30
Prerequisites:	AFT361, AVT362, AVT363, AVT378
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.	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 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:	<p>Passing Grade: 70%,</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>								
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>The student will learn how to operate and work efficiently in the realm of Standard Operating Procedures and multi-crew environments.</td> <td>Be able to understand the importance and how to operate within Standard Operating Procedures for multi-crew environments. Use techniques such as conflict resolution, pilot decision making, situational awareness to determine safest and most efficient solutions to problems that can and or will arise throughout an aviation operation.</td> </tr> <tr> <th>Course Outcome 2</th> <th>Learning Objectives for Course Outcome 2</th> </tr> <tr> <td>Learn the benefits and importance of LOFT (line orientated flight training) used in many operations throughout the industry.</td> <td>Students will have the opportunity to work as a multi-crew in scenarios that will allow them to develop and demonstrate skills learned through CRM and SOP type training.</td> </tr> </tbody> </table>	Course Outcome 1	Learning Objectives for Course Outcome 1	The student will learn how to operate and work efficiently in the realm of Standard Operating Procedures and multi-crew environments.	Be able to understand the importance and how to operate within Standard Operating Procedures for multi-crew environments. Use techniques such as conflict resolution, pilot decision making, situational awareness to determine safest and most efficient solutions to problems that can and or will arise throughout an aviation operation.	Course Outcome 2	Learning Objectives for Course Outcome 2	Learn the benefits and importance of LOFT (line orientated flight training) used in many operations throughout the industry.	Students will have the opportunity to work as a multi-crew in scenarios that will allow them to develop and demonstrate skills learned through CRM and SOP type training.
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Date:	December 4, 2024								
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.								