

## COURSE OUTLINE: AVT378 - HUMAN FACTORS-SAFETY

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Approved: Greg Farish, Chair, Aviation Technology - Flight

Course Code: Title	AVT378: SAFETY AND HUMAN FACTORS			
Program Number: Name	4061: AVIATION TECHNOLOGY			
Department:	AVIATION TECHNOLOGY			
Semesters/Terms:	21W			
Course Description:	This is the third human factors course. You will continue to develop the skills required for a safe and successful aviation career. Some of the topics covered are aviation physiology, aviation psychology, pilot-equipment/materials relationship, CFIT and threat and error management.			
Total Credits:	3			
Hours/Week:	4			
Total Hours:	60			
Prerequisites:	AFT240, AVT361, AVT363, AVT364, AVT366, AVT369			
Corequisites:	There are no co-requisites for this course.			
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:	Passing Grade: 70%, B  A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.			
Books and Required Resources:	HUAMN FACTORS ADVANCED ISBN: 0660166569			

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 2020-2021 academic year.



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Course Outcomes and	Course Outcome 1		Learning Objectives for Course Outcome 1		
Learning Objectives:	The student will have acquired communication and decision making skills required to succeed in the aviation industry, as well as, review aircraft accidents and incidents.				
Evaluation Process and Grading System:	Evaluation Type	Evaluatio	n Weight	nt	
	ASSIGNMENT(S)	-		_	
	FINAL EXAM	35%			
	MIDTERM EXAM	25%			
	PARTICIPATION	5%			
	QUIZZES	20%			
Date:	January 5, 2021				
Addendum:	Please refer to the cinformation.	course out	line adden	endum on the Learning Management System for further	

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