

MISSION STATEMENT AND STUDENT LEARNING OUTCOMES for Aviation Pilot Training

Review Year:	Division:	Discipline/Program/Department:	Contact Person(s):							
2024	Technical Education	Aviation Pilot Training	Mueller, Keith							

Mission Statement

The Aviation Pilot Training program prepares the student for employment in the professional field of aviation. The program graduate holds a Federal Aviation Administration professional pilot certification. Aviation professionals commit to a lifetime program of learning and maintaining the highest level of professionalism, proficiency and safety.

Program/Discipline Curriculum Map

- I = Introduce: Student is first exposed to the concept/idea and is requested to apply the concept in a limited scope.
- E = Emphasize: Student applies concept(s) in varying/multiple situations of greater complexity than when initially introduced.
- R = Reinforce: Student may be expected to understand the concept upon taking the course and utilizes the concept in conjunction with other concepts/ideas to solve problems.

Program/Discipline Outcomes	Cour	se Pr	efix a	nd N	umbe	er																															
Graduates of the program or discipline shall be able to:	AVIA 101	AVIA 102*	AVIA 103	AVIA 104*	AVIA 122	AVIA 131	AVIA 133	AVIA 151	AVIA 153	AVIA 154*	AVIA 155*	AVIA 201	AVIA 202*	AVIA 203	AVIA 222	AVIA 260	AVIA 269	AVIA 270*	AVIA 111#	AVIA 112#	AVIA 113#	AVIA 114#	AVIA 161#	AVIA 163#	AVIA 211#	AVIA 212#	AVIA 263#	AVIA 265#	AVIA 271#	AVIA 272#	AVIA 273#	AVIA 274#	AVIA 251*	AVIA 252*	AVIA 254*	AVIA 255*	
Demonstrate operational proficiency and Pilot in Command Skills to a FAA Pilot Examiner.				I			R				R		R					R				I				I				E				R		R	
Demonstrate operational knowledge and understanding of complex aircraft systems and components.	I				ı			R				R			Е		R			I	R	R				R		R						E	Е	Е	
Demonstrate operational knowledge and proficiency as a pilot in the International Civil Aviation Organization (IACO) Air Traffic Control system.	I	I	R	R		ı		R	R	R	R	R	Е	R				E		I				I	R		R							R			
Recognize ground and in flight safety risk situations and demonstrate correct resolutions.	1	I		I			I	R		R	R		R		R	R	R			I		R	R		R									E	E	E	
Execute proper procedure for instrument approach operations, Standard arrival and Departure procedures.												I	R	R			R									I					R	E			Е	Е	
Identify the Federal Government Regulatory Organizations that govern civil aviation.	ı	R		R						11					(i)				l			R			R			R	R				R				
Identify hazardous weather conditions and demonstrate appropriate operational actions.		I		R						R	R					E		E		ı						R	R	R		-				E			

Map Comments:

*=Fixed Wing Flight Courses

#=Rotary Flighting Courses

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Core Competencies																																				
	AVIA 101	AVIA 102*	AVIA 103	A AVIA 104*	AVIA 122	AVIA 131	AVIA 133	AVIA 151	AVIA 153	AVIA 154*	AVIA 155*	AVIA 201	AVIA 202*	AVIA 203	AVIA 222	AVIA 260	AVIA 269	AVIA 270*	AVIA 111#	AVIA 112#	AVIA 113#	AVIA 114#	AVIA 161#	AVIA 163#	AVIA 211#	AVIA 212#	AVIA 263#	AVIA 265#	AVIA 271#	AVIA 272#	AVIA 273#	AVIA 274#	AVIA 251*	AVIA 252*	AVIA 254*	AVIA 255*
Communication Skills																																				
1. Computer Literacy						X		X								X									X											
2. Oral Communications						X	Х												X																	
3. Writing																													X				X			
Reasoning Skills																																				
4. Critical Thinking						X																X												X		
5. Quantitative Literacy								X			Х																		X							
Citizenship																																				
6. Personal Accountability										х										х																
7. Civic And Social Accounta																																			X	