MISSION STATEMENT AND STUDENT LEARNING OUTCOMES for
Aviation Management

Review Year: 2024

Division:	Discipline/Program/Department:	Contact Person(s):
Technical Education	Aviation Management	Mueller, Keith

Mission Statement

The Aviation Management Training Program at Southwestern Illinois College prepares the student to enter the professional field of aviation management. The program graduate will develop the operational and skills necessary to display a working knowledge of Flight Operations, The Air Traffic Control System, Airport Operations, Aviation Safety Practices, Aircraft Maintenance requirements and Regulations that govern Private, Corporate and Commercial Aviation. He / She will also demonstrate operational knowledge of the governmental regulatory organizations such as the Department of Transportation, National Transportation Safety Board and the Federal Aviation Administration regulatory compliance requirements.

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	***Course Prefix and Number***														
Graduates of this program/discipline shall be able to:	AVIA 101	AVIA 105	AVIA 108	AVIA 122	AVIA 131	AVIA 133	AVIA 141	AVIA 160	AVIA 233	AVIA 237	AVIA 260	AVIA 261	AVIA 264	AVIA 266	AVIA 280
Demonstrate operational knowledge with the tasks associated with pilot flight operations.	I			I	I	I	I				I				
Discuss the operational process required by commercial air carriers to maintain the regulatory process of commercial air commerce.	I	R					R		R			I			
Discuss the historical role of the development of aviation in the United States.			I				R	R	R	R		E	I		
Demonstrate operational knowledge of aircraft systems and components.	I			I									R	R	
Display and operational knowledge of the ICAO ATC System.	I				R										
Discuss Human Factors and their role in Aviation Safety Management.	I					E					R	R			
Apply Federal Aviation Regulations to Flight and Management operations.	I						E		R						
Demonstrate personnel management skills.								I		R		E			R
Apply knowledge of aircraft maintenance regulatory requirements.	I			R			E						I		
Demonstrate airport management skills in compliance with regulatory requirements.								I				R	R	R	

Map Comments:

Core Competency Map

Core Competencies	***Course Prefix and Number***														
	AVIA 101	AVIA 105	AVIA 108	AVIA 122	AVIA 131	AVIA 133	AVIA 141	AVIA 160	AVIA 233	AVIA 237	AVIA 260	AVIA 261	AVIA 264	AVIA 266	AVIA 280
Communication Skills															
1. Computer Literacy					X				X		X				
2. Oral Communications					X	X									X
3. Writing												X			
Reasoning Skills															
4. Critical Thinking					X										
5. Quantitative Literacy															
Citizenship															
6. Personal Accountability							X			X		x			
7. Civic And Social Accountability										X					