MISSION STATEMENT AND STUDENT LEARNING OUTCOMES FOR:

Aviation Maintenance Technology

Review Year: 2024

Division:	Discipline/Program/Department:	Contact Person:
Technical Education	Aviation Maintenance Technology	**Harter, Matthew**

Mission Statement

The Aviation Maintenance Technology (AVMT) program at Southwestern Illinois College recognizes the key role of the Aviation Maintenance Technician in the aviation community. Our faculty is committed to providing students with the knowledge, skills and abilities required to meet Federal Aviation Administration (FAA) standards. The AVMT program continually assesses student learning and makes necessary modifications in material and technique to best prepare students to successfully fulfill the duties of an entry-level Airframe and Powerplant (A&P) Technician. The AVMT program provides for individual achievement through educational excellence and actively promotes associations with organizations in the aviation community.

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 or discipline shall be able to:	AVMT 121	AVMT 122	AVMT 126	AVMT 127	AVMT 131	AVMT 132	AVMT 136	AVMT 137	AVMT 140	AVMT 145	AVMT 150	AVMT 155	AVMT 157	AVMT 158	AVMT 171	AVMT 172	AVMT 176	AVMT 177	AVMT 186	AVMT 187						
Understand the theory/concepts and demonstrate the practice of FAA defined Airframe curriculum topics.	IE	IE	IE	IE	IE	IE	IE	IE																		
Understand the theory/concepts and demonstrate the practice of FAA General curriculum topics.	R	R	R	R	R	R	R	R	I	I	I	I	R	R	R	R	R	R	R	R						
Understand the theory/concepts and demonstrate the practice of FAA Powerplant curriculum topics.													IE	IE	IE	IE	IE	IE	IE	IE						

Map Comments:

Core Competency Map

Core Competencies	***Course Prefix and Number***																									
Communication Skills	AVMT 121	AVMT 122	AVMT 126	AVMT 127	AVMT 131	AVMT 132	AVMT 136	AVMT 137	AVMT 140	AVMT 145	AVMT 150	AVMT 155	AVMT 157	AVMT 158	AVMT 171	AVMT 172	AVMT 176	AVMT 177	AVMT 186	AVMT 187						
1. Computer Literacy			X																							
2. Oral Communications											X															
3. Writing												X														
Reasoning Skills																										
4. Critical Thinking				X																						
5. Quantitative Literacy											X															
Citizenship																										
6. Personal Accountability																	X									
7. Civic And Social Accountability																										