

PROGRAM ARTICULATION DEGREE PLAN			Southern Illinois University Carbondale	
Southwestern Illinois College 2023-2024			BS Aviation Technologies (AVT) Aircraft Maintenance Specialization- 120 hrs	
AAS Aviation Maintenance Technology - 75 hrs			(UCC) CAPSTONE OPTION - 30 Hrs	
		Hrs		Hrs
			UNIV 101	Saluki Success
COMM 151	Fundamentals of Public Speaking	3	CMST 101	Intro to Oral Communication
ENG 101	Rhetoric & Composition I	3	ENGL 101	English Composition I
			ENGL 102	English Composition II
			MATHEMATICS	
	Human Relations	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
			SOCIAL SCIENCE	
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide
			HUMANITIES	
			PHYSICAL SCIENCE	
			LIFE SCIENCE	
			FINE ARTS	
	Human Well-Being	2	HUMAN HEALTH	See SIUC Transfer Equivalency Guide
			MULTICULTURAL	
		14		18
Program Requirements			Program Requirements	
AVMT 121	Aircraft Systems I	3	<p style="text-align: center;">An AAS degree in Aviation Maintenance Technology satisfies the 38 hours of technical electives required for a BS in Aviation Technologies - Aircraft Maintenance Specialization</p>	
AVMT 122	Aircraft Systems II	3		
AVMT 126	Aircraft Structures I	3		
AVMT 127	Aircraft Structures II	3		
AVMT 131	Aircraft Electrical I	3		
AVMT 132	Aircraft Electrical II	3		
AVMT 136	Aircraft Components I	3		
AVMT 137	Aircraft Components II	3		
AVMT 140	Materials, Processes & Fabrication	3		
AVMT 145	Basic Electricity & Technology	3		
AVMT 150	Fundamentals & Operations	3		
AVMT 155	Regulations & Science	3		
AVMT 157	Propulsion Systems I	3		
AVMT 158	Propulsion Systems II	3		
AVMT 171	Powerplant Systems I	3		
AVMT 172	Powerplant Systems II	3		
AVMT 176	Powerplant Components I	3		
AVMT 177	Powerplant Components II	3		
AVMT 186	Reciprocating Engine Maintenance I	3		
AVMT 187	Reciprocating Engine Maintenance II	3		
General Education Elective		1		
		61		
			AVM 376	Aviation Maintenance Management
			AVT 305	Cabin Environment & Jet Transport Systems
			AVT 310	Aircraft Electrical Systems
			AVT 321	Radio Theory & Practice
			AVT 327	Aircraft Communication
			AVT 380	Aerospace Supply Chain Logistics
			AVT 390	MIS for Aerospace Applications
			AVT 405	Flight Management Systems
			AVT 410	Advanced Composites
			AVT 416	Advanced Propulsion Systems
			AVT 470	Reliability, Maintainability, & Fault Prediction & Analysis
			AVT 485	Aerospace Maintenance Shop Operations
			TRM 364 -or- elective	Work Center Management
				43
Total semester hrs completed with AAS degree:		75	Total semester hrs completed with BS degree:	
				61
			Total hrs to BS degree:	
				136
Degree Plan updated on 8/1/23 by SG				