

PROGRAM ARTICULATION DEGREE PLAN		Southern Illinois University Carbondale	
Southwestern Illinois College 2023-2024		BS Aviation Technologies (AVT) Helicopter 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
ENG 101	Rhetoric & Composition I	3	ENGL 101
			ENGL 102
			MATHEMATICS
	Human Relations	3	SOCIAL SCIENCE
			SOCIAL SCIENCE
	Humanities	3	HUMANITIES
			HUMANITIES
			PHYSICAL SCIENCE
			LIFE SCIENCE
			FINE ARTS
	Human Well-Being	2	HUMAN HEALTH
			MULTICULTURAL
		14	
Program Requirements			Program Requirements
AVMT 121	Aircraft Systems I	3	<p style="text-align: center;">An AAS degree in Aviation Maintenance Technology satisfies the 35 hours of technical electives required for a BS in Aviation Technologies - Helicopter 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
			AVT 301
			AVT 302
			AVT 304
			AVT 305
			AVT 306
			AVT 310
			AVT 380
			AVT 390
			AVT 405
			AVT 410
			AVT 470
			Aviation Maintenance Management
			Helicopter Theory & General Maintenance Practice
			Helicopter General Maintenance Lab
			Helicopter Power Train & Inspection
			Cabin Environment & Jet Transport Systems
			Helicopter Power Train Lab
			Aircraft Electrical Systems
			Aerospace Supply Chain Logistics
			MIS for Aerospace Applications
			Flight Management Systems
			Advanced Composites
			Reliability, Maintainability, & Fault Prediction & Analysis
			46
Total semester hrs completed with AAS degree:		75	Total semester hrs completed with BS degree:
			Total hrs to BS degree:
			139
Degree Plan updated on 8/2/23 by SG			