

PROGRAM ARTICULATION DEGREE PLAN					
Southwestern Illinois College 2023-2024				Southern Illinois University Carbondale	
AAS Aviation Maintenance Technology - 75 hrs				BS Aviation Technologies (AVT) Aviation Electronics Specialization- 120 hrs	
				(UCC) CAPSTONE OPTION - 30 Hrs	
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
COMM 151	Fundamentals of Public Speaking	3	CMST 101	Intro to Oral Communication	T
ENG 101	Rhetoric & Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
			MATHEMATICS		3
	Human Relations	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
			SOCIAL SCIENCE		3
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
			HUMANITIES		NA
			PHYSICAL SCIENCE		3
			LIFE SCIENCE		3
			FINE ARTS		3
	Human Well-Being	2	HUMAN HEALTH	See SIUC Transfer Equivalency Guide	T
			MULTICULTURAL		3
		14			18
Program Requirements			Program Requirements		
AVMT 121	Aircraft Systems I	3	<p align="center">An AAS degree in Aviation Electronics satisfies the 39 hours of technical electives required for a BS in Aviation Technologies - Aviation Electronics 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	3
			AVT 305	Cabin Environment & Jet Transport Systems	5
			AVT 310	Aircraft Electrical Systems	5
			AVT 317	Intro to Aviation Electronics	3
			AVT 318	Aviation Electronics Controls Systems	3
			AVT 321	Radio Theory & Practice	3
			AVT 327	Aircraft Communication	3
			AVT 380	Aerospace Supply Chain Logistics	3
			AVT 390	MIS for Aerospace Applications	3
			AVT 405	Flight Management Systems	3
			AVT 465	Digital Data Bussing & EFIS	5
			AVT 470	Reliability, Maintainability, & Fault Prediction & Analysis	3
					42
Total semester hrs completed with AAS degree:		75	Total semester hrs completed with BS degree:		60
			Total hrs to BS degree:		135