

PROGRAM ARTICULATION DEGREE PLAN				
Rock Valley College	2023-2024		Southern Illinois University Carbondale	
AAS Aviation Maintenance Technology - 82 hrs			BS Aviation Technologies (AVT) Aviation Maintenance Management Specialization - 120 hrs	
			UCC Capstone Option - 30 hrs	
		Hrs		Hrs
			UNIV 101	Saluki Success
SPH 131	Fundamentals of Communication	3	CMST 101	Intro to Oral Communication
ENG 101	Composition I	3	ENGL 101	English Composition I
			ENGL 102	English Composition II
			MATHEMATICS	3
			SOCIAL SCIENCE	3
			SOCIAL SCIENCE	3
			HUMANITIES	3
			HUMANITIES	NA
			PHYSICAL SCIENCE	3
			LIFE SCIENCE	3
			FINE ARTS	3
			HUMAN HEALTH	NA
			MULTICULTURAL	3
		6		24
Program Requirements			Program Requirements	
AVM 101	Materials & Processes	3	An Associate in Applied Science degree and/or Airframe and Powerplant certification satisfies the 39 hours of technical electives required for a BS in Aviation Technologies-Aviation Maintenance Management Specialization	
AVM 102	Basic Electricity	3		
AVM 103	Aviation Math & Physics	2		
AVM 104	Records & Publications	3		
AVM 105	Aircraft Drawing-Weight & Balance	3		
AVM 106	Cleaning & Corrosion Control	3		
AVM 160	Fuel & Lubrication Systems	6		
AVM 161	Engine Support Systems	3		
AVM 162	Basic Powerplants	6		
AVM 163	Ignition Systems	3		
AVM 164	Advanced Powerplants	6		
AVM 165	Engine Electrical Systems	2		
AVM 166	Propeller Systems	3		
AVM 241	Aircraft Finishing & Covering	3		
AVM 242	Cabin Atmosphere Control Systems	2		
AVM 243	Aircraft Welding	1		
AVM 244	Aircraft Auxiliary Systems	1		
AVM 245	Aircraft Electrical Systems	3		
AVM 246	Aircraft Instrument & Communication Sys	2		
AVM 247	Aircraft Metal Structures	6		
AVM 248	Hydraulic & Pneumatic Cont Sys	3		
AVM 249	Aircraft Fuel Systems	1		
AVM 250	Assembly & Rigging	3		
AVM 251	Landing Gears Systems	3		
AVM 252	Aircraft Inspection	2		
		76		
			AVT 329	Intro to Avionics Systems
			AVT 380	Aerospace Supply Chain Logistics
			AVT 390	MIS for Aerospace Applications
			AVT 470	Reliability, Maintainability, & Fault Prediction & Analysis
			AVT 475	Aerospace Lean Manufacturing & Maintenance Practices
			AVT 478	Aircraft Business & Industry Financial Practices
			AVT 485	Aerospace Maintenance Shop Operations
			AVT 488	Advanced Aerospace Safety Procedures
			IMAE 470A	Six Sigma Green Belt I
			IMAE 450 -or- TRM 470	Project Management
			AVT Internship/Cooperative	AVT 319 -or- 320 -or- 358 or approved electives
				12
				42
Total semester hrs completed with AAS degree:		82	Total semester hrs completed with BS degree:	
				66
			Total hrs to BS degree:	
				148
Degree Plan created on 5/15/23 by SG				