

PROGRAM ARTICULATION DEGREE PLAN				
Rock Valley College	2023-2024		Southern Illinois University Carbondale	
AAS Aviation Maintenance Technology - 82 hrs			BS Aviation Technologies (AVT) Aircraft Maintenance 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	<p>An Associate in Applied Science degree and/or Airframe and Powerplant certification satisfies the 38 hours of technical electives required for a BS in Aviation Technologies-Aircraft Maintenance Specialization</p>	
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		
			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:		82	Total semester hrs completed with BS degree:	
				67
			Total hrs to BS degree:	149
Degree Plan updated on 6/22/23 by SG				