

PROGRAM ARTICULATION DEGREE PLAN				
<b>Rock Valley College</b>	<b>2023-2024</b>		<b>Southern Illinois University Carbondale</b>	
AAS Aviation Maintenance Technology - 82 hrs			BS Aviation Technologies (AVT) Aviation Electronics Specialization - 120 hrs	
			<b>UCC Capstone Option - 30 hrs</b>	
		<b>Hrs</b>		<b>Hrs</b>
			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
		<b>6</b>		<b>24</b>
<b>Program Requirements</b>			<b>Program Requirements</b>	
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 Electronics 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		
		<b>76</b>		
			AVM 376	Aviation Maintenance Management
			AVT 305	Cabin Environment & Jet Transport Systems
			AVT 310	Aircraft Electrical Systems
			AVT 317	Intro to Aviation Electronics
			AVT 318	Aviation Electronics Control 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 465	Digital Data Bussing & EFIS
			AVT 470	Reliability, Maintainability, & Fault Prediction & Analysis
				<b>42</b>
<b>Total semester hrs completed with AAS degree:</b>		<b>82</b>	<b>Total semester hrs completed with BS degree:</b>	
				<b>66</b>
			<b>Total hrs to BS degree:</b>	<b>148</b>
Degree Plan created on 5/15/23 by SG				