	2023-2024		Southern Illinois University Ca	rbondalo	
Rock Valley College AAS Aviation Maintenance				rbondale Aviation Maintenance Management Specialization - 120 hrs	, I
AAS AVIALION Maintenance	Technology - 62 his	-	UCC Capstone Option - 30 hrs	Aviation Maintenance Management Specialization - 120 hrs	5
		Hrs			Hrs
		1113	UNIV 101	Saluki Success	NA
SPH 131	Fundamentals of Communication	3	CMST 101	Intro to Oral Communication	T
ENG 101	Composition I		ENGL 101	English Composition I	Ť
			ENGL 102	English Composition II	NA
			MATHEMATICS		3
			SOCIAL SCIENCE		3
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
			PHYSICAL SCIENCE		3
			LIFE SCIENCE FINE ARTS		3 3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		6			24
Program Requirements			Program Requirements		
AVM 101	Materials & Processes	3			
AVM 102	Basic Electricity	3			
AVM 103	Aviation Math & Physics	2	4		
AVM 104	Records & Publications	3			
AVM 105	Aircraft Drawing-Weight & Balance	3			
AVM 106	Cleaning & Corrosion Control Fuel & Lubrication Systems	3			
AVM 160 AVM 161	Engine Support Systems	6			
	Basic Powerplants				
AVM 162	Basic Powerplants	6			
AVM 162 AVM 163	Ignition Systems	3			
AVM 162 AVM 163 AVM 164	Ignition Systems Advanced Powerplants	3	An Associate in Applied So	ience degree and/or Airframe and Powerplant certificatio	on
AVM 162 AVM 163	Ignition Systems Advanced Powerplants Engine Electrical Systems	3		ience degree and/or Airframe and Powerplant certification have a certifi	
AVM 162 AVM 163 AVM 164 AVM 165	Ignition Systems Advanced Powerplants	3 6 2	satisfies the 39 hours of tec		
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems	3 6 2 3	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 243	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding	3 6 2 3 3 2 1	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 241 AVM 242 AVM 243 AVM 244	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems	3 6 2 3 3 2 1 1	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 241 AVM 242 AVM 243 AVM 244 AVM 245	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Lectrical Systems Aircraft Electrical Systems	3 6 2 3 3 2 1 1 1 3	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 243 AVM 244 AVM 245 AVM 246	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Lectrical Systems Aircraft Electrical Systems Aircraft Instrument & Communiation Sys	3 6 2 3 3 2 1 1 1 3 2 2	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 243 AVM 243 AVM 244 AVM 245 AVM 246 AVM 247	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems Aircraft Instrument & Communiation Sys Aircraft Metal Structures	3 6 2 3 3 2 1 1 1 3 2 2 6	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 243 AVM 244 AVM 244 AVM 245 AVM 245 AVM 246 AVM 247 AVM 248	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Electrical Systems Aircraft Lectrical Systems Aircraft Hostinument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys	3 6 2 3 3 2 1 1 3 2 6 3	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 243 AVM 243 AVM 244 AVM 245 AVM 246 AVM 247 AVM 248 AVM 248 AVM 249	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems Aircraft Electrical Systems Aircraft Instrument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems	3 6 2 3 3 2 1 1 1 3 2 6 6 3 1	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
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AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 242 AVM 243 AVM 244 AVM 245 AVM 246 AVM 246 AVM 247 AVM 248 AVM 248 AVM 249 AVM 250 AVM 251	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems Aircraft Electrical Systems Aircraft Hestrument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems Assembly & Rigging Landing Gears Systems	3 6 2 3 3 2 1 1 1 3 2 6 3 3 1 3 3	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 242 AVM 243 AVM 244 AVM 244 AVM 245 AVM 246 AVM 247 AVM 248 AVM 249 AVM 250	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Electrical Systems Aircraft Electrical Systems Aircraft Instrument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems Aircraft Fuel Systems Aircraft Fuel Systems	3 6 2 3 3 2 1 1 1 3 2 6 6 3 3 1 3	satisfies the 39 hours of tec	hnical electives required for a BS in Aviation Technologie	
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AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 242 AVM 243 AVM 244 AVM 245 AVM 246 AVM 246 AVM 247 AVM 248 AVM 248 AVM 249 AVM 250 AVM 251	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems Aircraft Electrical Systems Aircraft Hestrument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems Assembly & Rigging Landing Gears Systems	3 6 2 3 3 2 1 1 1 3 2 6 3 3 1 3 3 2 76	satisfies the 39 hours of tec Aviation Aviation AVT 329 AVT 380 AVT 380 AVT 390 AVT 470 AVT 475 AVT 478 AVT 485 AVT 485 AVT 485 AVT 488 IMAE 470A	hnical electives required for a BS in Aviation Technologic Maintenance Management Specialization Intro to Avionics Systems Aerospace Supply Chain Logistics MIS for Aerospace Applications Reliability, Maintainability, & Fault Prediction & Analysis Aerospace Lean Manufacturing & Maintenance Practices Aircraft Business & Industry Financial Practices Aerospace Maintenance Shop Operations Advanced Aerospace Safety Procedures Six Sigma Green Belt I	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
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AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 242 AVM 243 AVM 244 AVM 245 AVM 246 AVM 246 AVM 247 AVM 248 AVM 248 AVM 249 AVM 250 AVM 251	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems Aircraft Electrical Systems Aircraft Hestrument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems Assembly & Rigging Landing Gears Systems	3 6 2 3 3 2 1 1 1 3 2 6 3 3 1 3 3 2 76	satisfies the 39 hours of tec Aviation Aviation AVT 329 AVT 380 AVT 380 AVT 390 AVT 470 AVT 475 AVT 478 AVT 485 AVT 485 AVT 485 AVT 488 IMAE 470A	hnical electives required for a BS in Aviation Technologic Maintenance Management Specialization Intro to Avionics Systems Aerospace Supply Chain Logistics MIS for Aerospace Applications Reliability, Maintainability, & Fault Prediction & Analysis Aerospace Lean Manufacturing & Maintenance Practices Aircraft Business & Industry Financial Practices Aerospace Maintenance Shop Operations Advanced Aerospace Safety Procedures Six Sigma Green Belt I	ies- 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
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AVM 162 AVM 163 AVM 164 AVM 165 AVM 166 AVM 241 AVM 242 AVM 242 AVM 243 AVM 244 AVM 245 AVM 245 AVM 245 AVM 247 AVM 248 AVM 249 AVM 250 AVM 251 AVM 251	Ignition Systems Advanced Powerplants Engine Electrical Systems Propeller Systems Aircraft Finishing & Covering Cabin Atmosphere Control Systems Aircraft Welding Aircraft Auxiliary Systems Aircraft Instrument & Communiation Sys Aircraft Metal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems Assembly & Rigging Landing Gears Systems Aircraft Inspection End End Aircraft Matal Structures Hydraulic & Pneumatic Cont Sys Aircraft Fuel Systems Assembly & Rigging Landing Gears Systems Aircraft Inspection	3 6 2 3 3 2 1 1 1 1 3 2 6 3 1 3 3 2 76 76	satisfies the 39 hours of tec Aviation Aviation AVT 329 AVT 329 AVT 380 AVT 390 AVT 470 AVT 475 AVT 478 AVT 478 AVT 488 IMAE 470A IMAE 450 -or- TRM 470 AVT Internship/Cooperative Total semester hrs completed	hnical electives required for a BS in Aviation Technologie Maintenance Management Specialization Intro to Avionics Systems Aerospace Supply Chain Logistics MIS for Aerospace Applications Reliability, Maintainability, & Fault Prediction & Analysis Aerospace Lean Manufacturing & Maintenance Practices Aircraft Business & Industry Financial Practices Aerospace Maintenance Shop Operations Advanced Aerospace Safety Procedures Six Sigma Green Belt I Project Management AVT 319 -or- 320 -or- 358 or approved electives	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3