

PROGRAM ARTICULATION DEGREE PLAN						
John A Logan College	2022-2023		Southern Illinois University Carbondale			
AAS - Industrial Maintenance - 66 hrs			BS - Aviation Technologies - Aviation Maintenance Management Specialization - 120 hrs			
			University Core Curriculum (UCC) - Capstone Option 30 hours			
			Hrs		Hrs	
ORI 100	College 101	1	UNIV 101	Saluki Success	NA	
COM 115	Speech	3	CMST 101	Intro Oral Communication	T	
ENG 101	English Composition I	3	ENGL 101	English Composition I	T	
			ENGL 102	English Composition II	NA	
MAT 112 or 113	Intro to Contemporary Math	3	MATH 101	Intro to Contemporary Math	T	
			SOCIAL SCIENCE		3	
			SOCIAL SCIENCE		3	
			HUMANITIES		3	
			HUMANITIES		NA	
	IAI Physical Science	3	PHYSICAL SCIENCE		T	
			LIFE SCIENCE		3	
			FINE ARTS		3	
			HUMAN HEALTH		NA	
			MULTICULTURAL		3	
		13			18	
Any additional courses may be taken at John A. Logan College provided they are IAI designated courses or have been articulated to meet a category within the University Core Curriculum						
Program Requirements			Program Requirements			
CMG 107	Construction Documentation Interpretation	3	An AAS in Industrial Maintenance satisfies the 39 hours of technical electives required for a BS in Aviation Technologies - Aviation Maintenance Management Specialization			
CMG 110	Wood Frame Construction I	4				
DRT 185	Computer Graphics I	2				
ELT 102	Basic Electricity and Wiring	4				
ELT 150	Applied Solid State Electronics	4				
ELT 224	Power Distribution and Motors	3				
HAC 107	Electrical Controls and Circuitry	3				
HAC 121	Heating I	4				
HAC 131	Refrigeration and Air Conditioning I	4				
IDM 120	Safety and Environmental Management	2				
IDM 210	Hydraulics and Pneumatics	3				
INT 101 or PSY 110	Internship or College Success	1-3				
MAC 200	Machine Tool Lab	4				
MFT 103	Industrial Robots & PLC's	3				
MFT 201	PLC Manufacturing Systems	3				
WEL 121	SMAW (Stick) Plate Welding	3				
WEL 122	GMAW (MIG) Plate Welding	3				
		53-55				
			AVT 329	Intro to Avionics Systems	3	
			AVT 380	Aerospc Supply Chain Logistics	3	
			AVT 390	MIS for Aerospace Applications	3	
			AVT 470	Reliability, Maintainability	3	
			AVT 475	Aero Lean Mfg. and Maint.	3	
			AVT 478	Aircraft Business & Finance	3	
			AVT 485	Aerospace Maint Shop Ops	3	
			AVT 488	Advanced Aerospace Safety	3	
			IMAE 450 -or- TRM 470	Project Management	3	
			IMAE 470A	Six Sigma Green Belt I	3	
			AVT 319/320 -or- AVT 358	AVT Internship/Cooperative Experience	12	
					42	
			Total semester hrs completed w/BS degree:			60
Total semester hrs completed w/AAS degree:		66-68	Total hrs to BS degree:			126-128
<i>Degree Plan updated on 4/22/22 by SW</i>						