

TRANSFER GUIDE

AAS Industrial Maintenance transferring into BS Aviation Technologies

John A Logan College Courses			
AAS Industrial Maintenance – 66-68 hours			
ORI 100-1	College 101	HAC 107-3	Electrical Controls and Circuitry
COM 115-3	Speech	HAC 121-4	Heating I
ENG 101-3	English Composition I	HAC 131-4	Refrigeration & Air Conditioning I
MAT 112/113-3	Intro to Contemporary Math	IDM 120-2	Safety and Environment Mgmt
Elective-3	Physical Science	IDM 210-3	Hydraulics & Pneumatics
CMG 107-3	Construction Documentation	INT 101/PSY 110-3	Internship or College Success
CMG 110-4	Wood Frame Construction I	MAC 200-4	Machine Tool Labb
DRT 185-2	Computer Graphics I	MFT 103-3	Industrial Robots & PLC's
ELT 102-4	Basic Electricity & Writing	MFT 201-3	PLC Manufacturing Systems
ELT 150-4	Applied Solid State Electronics	WEL 121-3	SMAW (Stick) Plate Welding
ELT 224-3	Power Distribution and Motors	WEL 122-3	GMAW (MIG) Plate Welding
Southern Illinois University Carbondale Courses			
BS Aviation Technologies (Aviation Maintenance Management Specialization) – 60 hours			
Elective-3	Social Science	AVT 470-3	Reliability, Maintainability
Elective-3	Social Science	AVT 475-3	Aero Lean Mfg. and Maint.
Elective-3	Humanities	AVT 478-3	Aircraft Business & Finance
Elective-3	Life Science	AVT 485-3	Aerospace Maint Shop Ops
Elective-3	Fine Arts	AVT 488-3	Advanced Aerospace Safety
Elective-3	Multicultural	IMAE 450/TRM 470-3	Project Management
AVT 329-3	Intro to Avionics Systems	IMAE 470A-3	Six Sigma Green Belt I
AVT 380-3	Aerospc Supply Chain Logistics	AVT 319/320/358-12	AVT Internship / Cooperative Exp
AVT 390-3	MIS for Aerospace Applications		
Total Hours to Bachelor Degree: 126-128 Hours			

Salary Range: \$60,000-\$84,000

Possible Careers: Aircraft Mechanic
Engine Specialist
Inspector
Power Plant Mechanic
Air Frame Mechanic
Avionics Technician

Questions? Contact Us!

John A Logan College
Emily Monti
Associate Mngr for Curriculum & Instruction
P: 618-985-3741 ext 8514
E: emilymonti@jalc.edu

Southern Illinois University Carbondale
Dr. Karen Johnson
Associate Professor, Aviation Technologies
P: 618-453-9210
E: karen.johnson@siu.edu

Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

Residence Requirements. Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

Grade Point Average Requirements. Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways

[Saluki Transfer Pathways](#) is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at Okaytheir community college. Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in [Salukinet](#).

Saluki Transfer Estimator Portal (STEP)

The [Saluki Transfer Estimator Portal](#) (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.

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>					