

## TRANSFER GUIDE

### AAS Heating & Air Conditioning transferring into BS Technical Resource Management

John A Logan College Courses			
AAS Heating & Air Conditioning – 72-74 hours			
COM 115-3	Speech	HAC 131-4	Refrigeration & Air Conditioning I
ENG 101/113-3	English Composition I/Prof Tech Writ	HAC 132-4	Refrigeration & Air Conditioning II
MAT 113/120-3	Intro Contemp Math/Elem Statistics	HAC 140-3	Weatherization
Elective-3	IAI Social & Behavioral Science	HAC 142-4	Commercial Refrigeration
Elective-3	IAI Humanities/Fine Arts	HAC 207-3	Advanced Controls & Circuitry
CMG 107-3	Construction Doc Interpretation	HAC 222-3	Advanced Heating Systems
HAC 102-4	Residential Electrical Wiring	HAC 224-3	Geothermal Systems
HAC 105-3	Basic Sheet Metal Layout	HAC 240-3	Installation of HVAC Systems
HAC 106-2	Advanced Sheet Metal Layout	HAC 279-2	ICE Testing
HAC 107-3	Electrical Controls & Circuitry	INT 101-1-3	Internship (optional)
HAC 121-4	Heating I	ORI 100-1	College 101
HAC 122-4	Heating II	WEL 120-3	Oxyful Welding, Cutting & Brazing
Southern Illinois University Carbondale Courses Capstone Option			
BS Technical Resource Management (TRM) – 57 hours			
Elective-3	Social Science	TRM 383-3	Data Applications & Interpretation
Elective-3	Physical Science	TRM 425-3	Operations Management
Elective-3	Life Science	TRM 464-3	Managing for Quality
Elective-3	Fine Arts	TRM 470-3	Project Management
Elective-3	Multicultural	TRM Support-6	Select 2: TRM 332, 361, 362, 363E, 421, 440
TRM 316-3	Apps of Technical Writing	Approved Elec-15	Must be at 300/400 level
TRM 364-3	Work Center Management	TRM Course-3	TRM 319, 320, 350, 358
Total Hours to Bachelor Degree: 129-131 Hours			

### Questions? Contact us!

**Salary Range:** \$39,000-\$71,000

**Possible Careers:** Team Leader Supervisor  
District Sales/Service Mgr  
Construction Foreman  
Project Manager  
Service Technician  
Operations Manager  
Supply Chain Manager  
Materials Manager  
Inventory Manager

**John A Logan College**  
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## 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 their community college. Direct questions about the Saluki Transfer Pathways program to [transfer@siu.edu](mailto: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				
<b>John A Logan College</b>	<b>2024-2025</b>		<b>Southern Illinois University Carbondale</b>	
AAS Heating & Air Conditioning - 72-74 hrs			BS Technical Resource Management (TRM) - 120 hrs	
			<b>(UCC) CAPSTONE OPTION - 30 hrs</b>	
		<b>Hrs</b>		<b>Hrs</b>
			UNIV 101	Saluki Success
COM 115	Speech	3	CMST 101	Intro to Oral Communication
ENG 101 -or- 113	English Composition I -or- Prof Technical Writing	3	ENGL 101	English Composition I
			ENGL 102	English Composition II
MAT 113 -or- 120	Intro to Contemporary Math -or- Elementary Statistics	3	MATH 101 -or- 282	Intro to Contemporary Math -or- Intro to Statistics
	IAI Social & Behavioral Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
			SOCIAL SCIENCE	3
	IAI Humanities/Fine Arts	3	HUMANITIES	See SIUC Transfer Equivalency Guide
			HUMANITIES	NA
			PHYSICAL SCIENCE	3
			LIFE SCIENCE	3
			FINE ARTS	3
			HUMAN HEALTH	NA
			MULTICULTURAL	3
		<b>15</b>		<b>15</b>
<b>Program Requirements</b>			<b>Program Requirements</b>	
CMG 107	Construction Document Interpretation	3	<b>The AAS degree in Heating &amp; Air Conditioning meets the Career Electives requirement of 42 hours.</b>	
HAC 102	Residential Electrical Wiring	4		
HAC 105	Basic Sheet Metal Layout	3		
HAC 106	Advanced Sheet Metal Layout	2		
HAC 107	Electrical Controls & Circuitry	3		
HAC 121	Heating I	4		
HAC 122	Heating II	4		
HAC 131	Refrigeration & Air Conditioning I	4		
HAC 132	Refrigeration & Air Conditioning II	4		
HAC 140	Weatherization	3		
HAC 142	Commercial Refrigeration	4		
HAC 207	Advanced Controls & Circuitry	3		
HAC 222	Advanced Heating Systems	3		
HAC 224	Geothermal Systems	3		
HAC 240	Installation of HVAC Systems	3		
HAC 279	ICE Testing	2		
WEL 120	Oxyful Welding, Cutting & Brazing	3		
INT 101	Internship (recommended but not required)	1-3		
ORI 100	College 101	1		
		<b>57-59</b>		
			TRM 316	Applications of Technical Writing
			TRM 364	Work Center Management
			TRM 383	Data Applications & Interpretation
			TRM 425	Operations Management
			TRM 464	Managing for Quality
			TRM 470	Project Management
			TRM Support Courses	Select 2 from: TRM 332, 361, 362, 363E, 421, 440
			Approved Electives	300/400 Level
			TRM 319, 320, 350, 358	As necessary to meet 42 senior institution hour requirement
				<b>42</b>
<b>Total semester hrs completed w/AAS degree:</b>		<b>72-74</b>	<b>Total semester hrs completed w/BS degree:</b>	<b>57</b>
			<b>Total hrs to BS degree:</b>	<b>129-131</b>
<i>Degree Plan created on 9/3/24 by SG</i>				