

## TRANSFER GUIDE

### AAS Computer Support & Networking transferring into BS Information Technology

John A Logan College Courses			
AAS Computer Support & Networking – 62 hours			
ENG 101-3	English Composition I	ELT 111-3	Digital Electronics I
COM 115-3	Speech	ELT 112-3	Digital Electronics II
ECO 202-3	Intro to Microeconomics	ELT 150-3	Applied Solid State Electronics
PHY 121-3	Technical Physics	ELT 200-3	Intro to Microprocessors
CIS 200-3	Network Essentials	ELT 210-3	A+ Preparation Essentials
CIS 206-3	Managing Network Environment I	ELT 214-3	A+ Preparation IT Technician
CIS 208-3	Security Awareness	ELT 215-3	IOT & Embedded Systems
CIS 213-3	Penetration Testing	ELT 218-3	Intro to Network Technologies
CIS 216-3	Cloud Technology	MATH 112/113-3	Intr Con Math w/Int/Intr Con Math
CIS 230-3	Operating Systems	ORI 100-1	College 101
ELT 102-4	Basic Electricity & Wiring		
Southern Illinois University Carbondale Courses Capstone Option			
BS Information Technology (ITEC) – 75 hours			
MATH 108-3	College Algebra	ITEC 312-3	Programming II
Select 1 Course-3	ECON 113, PSYC 102 or SOC 108	ITEC 314-3	Ethical & Legal Issues in IT
PHIL 104/105-3	Ethics/Elementary Logic	ITEC 334-3	Database Design & Processing
Elective-3	Life Science	ITEC 370-3	Database Programming w/SQL
Elective-3	Fine Arts	ITEC 380-3	User Experience Design
Elective-3	Multicultural	ITEC 390-3	Career Dev for IT Professionals
ITEC 209-3	Intro to Programming	ITEC 404-3	IT Project Management
ITEC 235-3	System Administration	ITEC 412-3	IT: Analysis, Design & Implemntatn
ITEC 236-3	Web-based Apps in Info Tech	ITEC 495-3	Senior Project I
ITEC 265-3	Applied Stats for IT Profession	Electives-15	ITEC at 300/400 level
ITEC 280-3	Discrete Math for IT		
Total Hours to Bachelor Degree: 137 Hours			

#### Questions? Contact us!

##### John A Logan College

Emily Monti

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##### Southern Illinois University Carbondale

Belle Woodward, Program Coordinator

Information Technology Program

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**Salary Range:** \$32,000-\$70,000

**Possible Careers:** Systems Analyst  
Technology Analyst  
Database Specialist  
Webmaster  
Network Specialist

## 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>2022-2023</b>		<b>Southern Illinois University Carbondale</b>	
AAS Computer Support & Networking - 62 hrs			BS Information Technology (ITEC) - 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	English Composition I	3	ENGL 101	English Composition I
			ENGL 102	English Composition II
			MATH 108	College Algebra
			ECON 113, PSYC 102 -or- SOC 108	Econ Contemp Soc Issues -or- Intro to Psyc -or- Intro to Soc
ECO 202	Intro to Microeconomics	3	ECON 240	Intro to Microeconomics
			PHIL 104 -or- 105	Ethics -or- Elementary Logic
			HUMANITIES	
PHY 121	Technical Physics	3	PHYS 203A -and- 253A	College Physics w/Lab
			LIFE SCIENCE	
			FINE ARTS	
			HUMAN HEALTH	
			MULTICULTURAL	
		<b>12</b>		<b>18</b>
<b>Program Requirements</b>			<b>Program Requirements</b>	
CIS 200	Network Essentials	3	<b>Any courses not articulated will be used to satisfy general elective credit</b>	
CIS 206	Managing Network Environment I	3		
CIS 213	Penetration Testing	3		
CIS 216	Cloud Technology	3		
ELT 102	Basic Electricity & Wiring	4		
ELT 111	Digital Electronics I	3		
ELT 112	Digital Electronics II	3		
ELT 215	IOT & Embedded Systems	3		
ORI 100	College 101	1		
CIS 208	Security Awareness	3		
CIS 230	Operating Systems	3	ITEC 225	Operating Systems
ELT 150	Applied Solid State Electronics	3	EET 150 (elective)	Intro to Electrical Engineering Technology
ELT 200	Intro to Microprocessors	3	EET 238 (elective)	Digital System Fundamentals
ELT 210	A+ Preparation Essentials	3	ITEC 2XX	ITEC Elective 200-Level
ELT 214	A+ Preparation IT Technician	3	ITEC 2XX	ITEC Elective 200-Level
ELT 218	Intro to Network Technologies	3	ITEC 224	Network Fundamentals
MAT 112 -or- 113	Intro Contemporary Math w/Int -or- Intro Contemporary Math	3	MATH 101	Intro to Contemporary Math
		<b>50</b>		
			ITEC 209	Intro to Programming
			ITEC 235	System Administration
			ITEC 236	Web-based Applications in Information Technology
			ITEC 265	Applied Statistics for the IT Profession
			ITEC 280	Discrete Math for IT
			ITEC 312	Programming II
			ITEC 314	Ethical & Legal Issues in IT
			ITEC 334	Database Design & Processing
			ITEC 370	Database Programming with SQL
			ITEC 380	User Experience Design
			ITEC 390	Career Development for IT Professionals
			ITEC 404	IT Project Management
			ITEC 412	Information Technology: Analysis, Design & Implementation
			ITEC 495	Senior Project I
			ITEC Approved Electives	15 hours at 300/400 level
				<b>57</b>
<b>Total semester hrs completed with AAS degree:</b>		<b>62</b>	<b>Total semester hrs completed with BS degree:</b>	<b>75</b>
			<b>Total hrs to BS degree:</b>	<b>137</b>
<i>Degree Plan updated on 6/8/2022 by SG</i>				