

## TRANSFER GUIDE

### AAS Cyber-Security/Information Assurance transferring into BS Information Technology

John A Logan College Courses			
AAS Cyber-Security/Information Assurance – 65 hours			
ENG 101-3	English Composition I	CIS 213-3	Penetration Testing
COM 115-3	Speech	CIS 216-3	Cloud Technology
PSY 132/SOC 133-3	General Psych/Prin of Sociology	CIS 219-3	Ethical Hacking
PHL 121-3	Intro to Logic	CIS 230-3	Operating Systems
CIS 170-5	CISCO I	CIS 231-3	VPNs & Firewalls
CIS 171-4	Intro to Scripting	CIS 270-4	CISCO II
CIS 200-3	Network Essentials	ELT 214-3	A+ Preparation IT Technician
CIS 206-3	Managing Network Environment I	Electives-6	Track 1 or Track 2 Electives
CIS 207-3	Computer Applications for Business	MAT 119/120-3	Elem Stats w/Int Rev or Elem Stats
CIS 208-3	Security Awareness	ORI 100-1	College 101
Southern Illinois University Carbondale Courses Capstone Option			
BS Information Technology (ITEC) – 72 hours			
MATH 108-3	College Algebra	ITEC 312-3	Programming II
ECON 113-3	Econ Contemporary Social Issues	ITEC 314-3	Ethical & Legal Issues in IT
Elective-3	Physical Science	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 IT	ITEC 495-3	Senior Project I
ITEC 280-3	Discrete Math for IT	Electives-15	ITEC at 300/400 level
Total Hours to Bachelor Degree: 137 Hours			

Questions? Contact us!

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

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

#### John A Logan College

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#### Southern Illinois University Carbondale

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PROGRAM ARTICULATION DEGREE PLAN					
<b>John A. Logan College</b>	<b>2022-2023</b>		<b>Southern Illinois University Carbondale</b>		
AAS Cyber-Security/Information Assurance - 65 hrs			BS Information Technology (ITEC) - 120 hrs		
			<b>UCC Capstone Option - 30 hrs</b>		
		<b>Hrs</b>			<b>Hrs</b>
			UNIV 101	Saluki Success	NA
COM 115	Speech	3	CMST 101	Intro to Oral Communication	T
ENG 101	English Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
			MATH 108	College Algebra	3
			ECON 113	Economics of Contemporary Social Issues	3
PSY 132 -or- SOC 133	General Psychology -or- Prin of Sociology	3	PSYC 102 -or- SOC 108	Intro to Psychology -or- Intro to Sociology	T
PHL 121	Intro to Logic	3	PHIL 105	Elementary Logic	T
			HUMANITIES		NA
			PHYSICAL SCIENCE		3
			LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		<b>12</b>			<b>18</b>
<b>Program Requirements</b>			<b>Program Requirements</b>		
Track 1 -or- Track 2 Electives		6	<b>Any courses not articulated will be used to satisfy general elective credit</b>		
CIS 170	CISCO I	5			
CIS 171	Intro to Scripting	4			
CIS 200	Network Essentials	3			
CIS 206	Managing Network Environment I	3			
CIS 213	Penetration Testing	3			
CIS 216	Cloud Technology	3			
CIS 231	VPNs & Firewalls	3			
ORI 100	College 101	1			
CIS 207	Computer Applications for Business	3			
CIS 208	Security Awareness	3	ITEC 216	Information Security Fundamentals	T
CIS 219	Ethical Hacking	3	ITEC 228 (elective)	Intro to Cyber Operations	T
CIS 230	Operating Systems	3	ITEC 225	Operating Systems	T
CIS 270	CISCO II	4	ITEC 224	Network Fundamentals	T
ELT 214	A+ Preparation IT Technician	3	ITEC 2XX	ITEC Elective 200 Level	T
MAT 119 -or- 120	Elementary Stats w/Int Review -or- Elementary Stats	3	MATH 282	Intro to Statistics	T
		<b>53</b>			
			ITEC 209	Intro to Programming	3
			ITEC 235	System Administration	3
			ITEC 236	Web-based Applications in Information Technology	3
			ITEC 265	Applied Statistics for the IT Profession (satisfied by MATH 282)	0
			ITEC 280	Discrete Math for IT	3
			ITEC 312	Programming II	3
			ITEC 314	Ethical & Legal Issues in IT	3
			ITEC 334	Database Design & Processing	3
			ITEC 370	Database Programming with SQL	3
			ITEC 380	User Experience Design	3
			ITEC 390	Career Development for IT Professionals	3
			ITEC 404	IT Project Management	3
			ITEC 412	Information Technology: Analysis, Design & Implementation	3
			ITEC 495	Senior Project I	3
			ITEC Approved Electives	15 hours at 300/400 level	15
					<b>54</b>
<b>Total semester hrs completed with AAS degree:</b>		<b>65</b>	<b>Total semester hrs completed with BS degree:</b>		<b>72</b>
			<b>Total hrs to BS degree:</b>		<b>137</b>
<i>Degree Plan updated on 2/7/2023 by SG</i>					