

PROGRAM ARTICULATION DEGREE PLAN					
<b>John A. Logan College</b>	<b>2024-2025</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	CTEC 228 (elective)	Applied Offensive Cybersecurity Techniques	T
CIS 230	Operating Systems	3	ITEC 225	Operating Systems	T
CIS 270	CISCO II	4	ITEC 224	Network Fundamentals	T
ELT 214	Fundamentals of Computing Hardware	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	Information Technology Project Management	3
			ITEC 412	Information Technology: Analysis, Design & Implementation	3
			ITEC 419 -or- 495	Occupational Internship -or- Senior Project I	3
			ITEC Major Electives	Must be 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 4/3/24 by SG</i>					