

PROGRAM ARTICULATION DEGREE PLAN				
<b>John A. Logan College</b>	<b>2024-2025</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	Economics of Contemporary Social Issues
PSY 132 -or- SOC 133	General Psychology -or- Principles of Sociology	3	PSYC 102 -or- SOC 108	Intro to Psychology -or- Intro to Sociology
			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 Environments I	3		
CIS 213	Penetration Testing	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		
ELT 222	Applications of Artificial Intelligence	3		
ORI 100	College 101	1		
CIS 208	Security Awareness	3		
ELT 150	Applied Solid State Electronics	3	EET 150 (elective)	Intro to Electrical Engineering Technology
ELT 180	Ethics in Technology	3	ITEC 314	Ethical & Legal Issues in IT
ELT 200	Intro to Microprocessors	3	EET 238 (elective)	Digital System Fundamentals
ELT 210	Supporting Computer Operating Systems	3	ITEC 2XX	ITEC Elective 200-Level
ELT 214	Fundamentals of Computing Hardware	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 225	Operating Systems
			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 334	Database Design & Processing
			ITEC 370	Database Programming with SQL
			ITEC 380	User Experience Design
			ITEC 390	Career Development for IT Professionals
			ITEC 404	Information Technology Project Management
			ITEC 412	Information Technology: Analysis, Design & Implementation
			ITEC 419 -or- 495	Occupational Internship -or- Senior Project I
			ITEC Major Electives	Must be at 300/400 level
				<b>18</b>
				<b>60</b>
<b>Total semester hrs completed with AAS degree:</b>		<b>62</b>	<b>Total semester hrs completed with BS degree:</b>	<b>78</b>
			<b>Total hrs to BS degree:</b>	<b>140</b>
<i>Degree Plan updated on 4/15/24 by SG</i>				