

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>				