PROGRAM ARTICULATION DEGREE PLAN

Prairie State College	2021-2022			Southern Illinois University Carbondale		
AAS Information Technology: Cyber Systems Option - 60 Hours				BS Information Technology (ITEC) - 120 Hours		
				University Core Curriculum (UCC) Capstone Option - 30 hrs		
		Hrs				**Hrs**
				UNIV 101	Saluki Success	NA
COMM 101	Principles of Communication	3		CMST 101	Intro to Oral Communication	T
ENG 101	Composition I	3		ENGL 101	English Composition I	T
				ENGL 102	English Composition II	NA
				MATH 101	Satisfied by Transfer Course (see below)	0
				SOCIAL SCIENCE		3
	Social/Behavioral Science	3		SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
				HUMANITIES		3
				HUMANITIES		NA
	Physical Science	3		PHYSICAL SCIENCE	See SIUC Transfer Equivalency Guide	T
				LIFE SCIENCE		3
				FINE ARTS		3
				HUMAN HEALTH		NA
				MULTICULTURAL		3
		12				15
Program Requirements				**Program Requirements**		
IT 101	IT Orientation	1				
IT 201	Systems Design & Development	3				
IT 205	Ethics in Information Technology	2				
		6				
Cyber Systems Concentration Courses						
ITCYB 103	Intro to Cybersecurity	2				
ITCYB 143	Scripting & Security	3		**Any unarticulated courses will be used to satisfy general elective credit**		
ITNET 160	Computer Repair	4				
ITNET 175	Intro to Networking II	3				
ITNET 235	CCNA LAN Design	3				
ITNET 245	CCNA WAN Design	3				
ITNET 263	Advanced Windows Server Administration	3				
IT 106 (program requirement)	Mathematics for Computers	3		MATH 101	Intro to Contemporary Math	T
IT 140 (program requirement)	Intro to Operating Systems	3		ITEC 225	Operating Systems	T
IT 240 -and- 253	Linux Operating System -and- Linux System	6		ITEC 227 (elective)	Linux Essentials	T
ITNET 165	Intro to Networking	3		ITEC 224	Network Fundamentals	T
ITNET 250	Intro to LAN Administration	3		ITEC 224	Network Fundamentals	T
ITNET 260	Network Security Fundamentals	3		ITEC 216	Information Security Fundamentals	T
		42				
				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	3
				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 495	Senior Project I	3
				ITEC Major Electives	Must be at 300/400 level	15
						57
Total semester hrs completed with AAS degree:		60		**Total semester hrs completed with BS degree:**		72
Degree Plan updated on 7/13/21 by SG				**Total semester hrs to BS degree:**		132