

PROGRAM ARTICULATION DEGREE PLAN										
Prairie State College 2023-2024				Southern Illinois University Carbondale						
AAS Information Technology: Programming Option - 60 Hours				BS Information Technology (ITEC) - 120 Hours						
				University Core Curriculum (UCC) Capstone Option - 30 hrs						
		Hrs				Hrs				
COMM 101	Principles of Communication	3	UNIV 101	Saluki Success			NA			
ENG 101	Composition I	3	CMST 101	Intro to Oral Communication			T			
			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 SCIENCE				3			
	Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide			T			
			HUMANITIES				NA			
			PHYSICAL SCIENCE				3			
	Life Science (Area D)	3	LIFE SCIENCE	See SIUC Transfer Equivalency Guide			T			
			FINE ARTS				3			
			HUMAN HEALTH				NA			
			MULTICULTURAL				3			
		12					15			
Program Requirements				Program Requirements						
IT 101	IT Orientation	1	Any unarticulated courses will be used to satisfy general elective credit							
IT 201	Systems Design & Development	3								
IT 205	Ethics in Information Technology	2								
ITPRG 299 -or- IT 295	Internship -or- Portfolio Seminar	2								
ITPRG 144	C++ Programming I	3								
Program Electives	Select from approved courses	13								
BUS 101	Intro to Business	3					MGMT 170 (elective)	Intro to Business		T
IT 106	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
ITAPP 101	Intro to Computers	3					CS 200B (elective)	Computer Concepts		T
ITPRG 103	Intro to Programming Logic	3	ITEC 207 (elective)	Programming Logic & Design		T				
ITPRG 147	Java Programming I	3	ITEC 209	Intro to Programming		T				
ITPRG 244	C++ Programming II	3	CS 220 -and- 304 (elective)	Programming w/Data Structures -and- Adv Obj Ori Program		T				
ITPRG 247	Java Programming II	3	CS 202 (elective)	Intro to Computer Science		T				
		48								
			ITEC 216	Information Security Fundamentals		3				
			ITEC 224	Network Fundamentals		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 419 -or- 495	Occupational Internship -or- Senior Project I		3				
			ITEC Major Electives	Must be at 300/400 level		15				
						60				
Total semester hrs completed with AAS degree:		60	Total semester hrs completed with BS degree:			75				
<i>Degree Plan updated on 7/25/2023 by RP</i>			Total semester hrs to BS degree:			135				