

PROGRAM ARTICULATION DEGREE PLAN						
Shawnee Community College		2019-2020	Southern Illinois University Carbondale			
AAS Computer System and Security Specialist - 65 hours			BS Information Systems Technologies (IST) - 120 hours			
			(UCC) CAPSTONE OPTION - 30 hrs			
		Hrs		Hrs		
			UNIV 101	Saluki Success		
ENG 111	English Composition I	3	ENGL 101	English Composition I		
			ENGL 102	English Composition II		
SPC 111	Speech	3	CMST 101	Intro to Oral Communication		
MAT 110 -or- MAT 210	General Ed Math -or- General Elem Stats	4	MATH 101 -or- MATH 282	Intro to Contemporary Math -or- Intro to Statistics		
ECO 211 -or- ECO 212	Intro to Macroecon -or- Intro to Microecon	3	ECON 241 -or- ECON 240	Intro to Macroeconomics -or- Intro to Microeconomics		
PSY 211	Intro to Psychology	3	PSYC 102	Intro to Psychology		
			PHIL 104 -or- PHIL 105	Ethics -or- Elementary Logic		
			HUMANITIES	NA		
			PHYSICAL SCIENCE	3		
			LIFE SCIENCE	3		
			FINE ARTS	3		
			HUMAN HEALTH	NA		
			MULTICULTURAL	3		
		16		15		
Program Requirements			Program Requirements			
BUS 210	Principles of Management	3	Any unarticulated courses will be used to satisfy general elective credit			
COM 133	Linux Operating Systems & Network	2				
COM 196	Computer Systems Internship	2				
COM 201	Windows Operating Systems	1				
COM 222	Computer Logic	3				
COM 225	Systems Analysis	3				
COM 227	Database Management Systems	3				
COM 241	Windows Server Networking	3				
COM 246	Intro to Cybersecurity	3				
COM 265	Command Prompt-Windows	2				
COM 281	Microsoft Excel	2				
BUS 225	Business Communication	3			MGMT 202	Business Communications
COM 111	Business Computer Systems	4			CS 200B -or- ISAT 229	Computer Concepts -or- Computers Business Admin
COM 189	Networking Technologies	3			ISAT 224	Network Fundamentals
COM 218	Security+ Certification	3			ISAT 216	Information Security Fundamentals
COM 231	C-Programming	3	CS 202 -or- IST 209	Intro to Computer Science -or- Intro to Programming		
COM 239	JAVA Programming	3	CS 202 -or- IST 209	Intro to Computer Science -or- Intro to Programming		
COM 244	A+ Certification	3	ISAT 121	Installing & Upgrading Computer Systems		
		49				
			IST 314	Ethical and Legal Issues in IT		
			IST 334	Database Design and Processing		
			IST 336	Web-based Applications in Information Systems		
			IST 370	Database Programming with SQL		
			IST 404	Information Technology Project Management		
			IST 412	Information Systems: Analysis, Design, & Implementation		
			ISAT 365	Data Applications and Interpretation		
			ISAT 366	Applications of Technical Writing		
			ISAT 419	Occupational Internship		
			300/400 Level Electives	Approved Major Electives		
				43		
Total semester hrs completed with AAS degree:		65	Total semester hrs completed with BS degree:			
				58		
			Total hrs to BS degree:			
				123		
<i>Degree Plan updated on 9/3/19 by SG</i>						