



**A.A.S. Computer System & Security Specialist Pathway to
B.S. Information Technology**

<i>Shawnee Community College</i>						
Year 1	BUS-0210	Principles of Management	3	COM-0133	Linux Operating Systems and Network	2
	COM-0111	Business Computer Systems	4	COM-0222	Computer Logic	3
	COM-0201	Windows Operating Systems	1	COM-0246	Introduction to Cybersecurity	3
	COM-0189	Networking Technologies	3	COM-0265	Command Prompt-Windows	2
	COM-0225	Systems Analysis	3	SPC-0111	Speech	3
	MAT-0110 or MAT-0210	General Education Math or General Elementary Statistics	4			
			18			13

<i>Shawnee Community College</i>						
Year 2	COM-0218	Security + Certification	3	BUS-0225	Business Communication	3
	COM-0227	Database Management Systems	3	COM-0196	Computer Systems Internship	2
	COM-0244	A+ Certification	3	COM-0231	C-Programming	3
	COM-0247	Python Programming	3	COM-0241	Windows Server Networking	3
	COM-0281	Microsoft Excel	2	ECO-0211 or ECO-0212	Macroeconomics or Microeconomics	3
	ENG-0111	English Composition I	3	PSY-0211	Intro to Psychology	3
			17			17

<i>Southern Illinois University-Carbondale</i>						
Year 3 & Year 4	PHI-0104	Ethics	3	ITEC-0312	Programming II	3
	Elective	Physical Science	3	ITEC-0314	Ethical & Legal Issues in IT	3
	Elective	Life Science	3	ITEC-0370	Database Programming-SQL	3
	Elective	Fine Arts	3	ITEC-0380	User Experience Design	3
	Elective	Multicultural	3	ITEC-0390	Career Development for IT	3
	ITEC-0235	System Administration	3	ITEC-0404	Information Technology	3
	ITEC-0236	Web-Based Applications	3	ITEC-0412	IT: Analysis, Design & Imple	3
	ITEC-0265	Applied Statistics for IT	3	ITEC-0495	Senior Project I	3
	ITEC-0280	Discrete Math for IT	3	Electives	IT Major Electives 300-400	18
	Total Hours to Bachelor Degree:			134		

Updated: 1/30/2023