Shawnee Community College

SIU Southern Illinois University CARBONDALE

Associate of Arts
Pathway to B.S. in Cybersecurity Technology

	Shawnee Community College					
Year 1	ENG-0111	English Comp I	3	ENG-0112	English Comp II	3
	ECO-0211	Intro to Macroeconomics	3	PHI-0218	Intro to Ethics & Values	3
	COM-0189	Networking Technologies	3	Physical Science	Elective	3
	Math	Elective	4	COM-0218	Security+ Certification	3
	COM-0111	Business Computer Systems	4	Electives		3
			17			15

	Shawnee Community College					
Year 2	SPC-0111	Speech	3	Life Science	Elective	4
	MAT-0116	College Algebra	4	COM-0241	Windows Server Networking	3
	Social Science	Elective	3	Fine Arts	Elective	3
	COM-0231 or COM-0247	C Programming or Python Programming	3	Elective		3
	Electives		3	PSY-0211	Intro to Psychology	3
			16			16

	Southern Illinois University-Carbondale					
Year 3 & 4	ITEC-235	System Administration	3	ITEC-390	Career Development for IT Professionals	3
	ITEC-236	Web-based Applications in IT	3	CTEC-328	Security Analysis	3
	ITEC-265	Applied Statistics for the IT Profession	3	CTEC-360	Enterprise Analysis	3
	ITEC-280	Discrete Math for IT	3	CTEC-375	Cyber Forensics	3
	ITEC-312	Programming II		CTEC-410	Web Security	3
	ITEC-314	Ethical & Legal Issues in IT	3	CTEC-418	Cloud Security	3
	ITEC-370	Database Programming with SQL	3	CTEC-440	Software Security	3
	CTEC Electives	300/400 level	9	CTEC-461	Cryptography	3