

PROGRAM ARTICULATION DEGREE PLAN				
<b>Harper College</b>	<b>2023-2024</b>		<b>Southern Illinois University Carbondale</b>	
AAS Information Systems - 61 Hours			BS Information Technology (ITEC) - 120 Hours	
			<b>UCC Capstone Option - 30 Hrs</b>	
		<b>Hrs</b>		<b>Hrs</b>
			UNIV 101	Saluki Success
SPE 101	Fundamentals of Speech Comm	3	CMST 101	Intro to Oral Communication
ENG 101	Composition	3	ENGL 101	English Composition I
ENG 102	Composition	3	ENGL 102	English Composition II
MTH 103	College Algebra	3	MATH 108	College Algebra
			ECON 113	Economics of Contemporary Social Issues
SOC 101	Intro to Sociology	3	SOC 108	Intro to Sociology
			PHIL 104 -or- 105	Ethics -or- Elementary Logic
			HUMANITIES	NA
			PHYSICAL SCIENCE	3
			LIFE SCIENCE	3
			FINE ARTS	3
			HUMAN HEALTH	NA
			MULTICULTURAL	3
		<b>15</b>		<b>18</b>
<b>Program Requirements</b>			<b>Program Requirements</b>	
CAS 160	Intro to Business Software Packages	3	<b>Any courses not articulated will be used to satisfy general elective credit</b>	
CIS 106	Computer Logic & Programming Technology	3		
Information Systems Electives		14		
CIS 101	Intro to Computer Information Systems	3	CS 200B -or- ITEC 229 (elective)	Computer Concepts -or- Computing Busi Admin
CIS 143	Intro to Database Systems	3	ITEC 1XX (elective)	ITEC Major Elective 100-level
CIS 206 -or- CSC 121	Applied Programming -or- Computer Science I	4	CS 201 -or- 202 (elective)	Problem Solving w/Computers -or- Intro to Computer Science
CIS 211	IT Project Management	3	ITEC 2XX (elective)	ITEC Major Elective 200-level
CIS 245	Data Analysis	3	ITEC 431 (elective)	Analytics w/Python
CSC 214	Intro to Java Programming (Elective)	4	ITEC 209	Intro to Programming
NET 121	Computer Networking	3	ITEC 224	Network Fundamentals
WEB 110	Internet Fundamentals	3	ITEC 1XX (elective)	ITEC Major Elective 100-level
		<b>46</b>		
			ITEC 216	Information Security Fundamentals
			ITEC 225	Operating Systems
			ITEC 235	System Administration
			ITEC 236	Web-based Applications in Information Technology
			ITEC 265	Applied Statistics for the IT Profession
			ITEC 280	Discrete Math for IT
			ITEC 312	Programming II
			ITEC 314	Ethical & Legal Issues in IT
			ITEC 334	Database Design & Processing
			ITEC 370	Database Programming with SQL
			ITEC 380	User Experience Design
			ITEC 390	Career Development for IT Professionals
			ITEC 404	Information Technology Project Management
			ITEC 412	Information Technology: Analysis, Design & Implementation
			ITEC 419 -or- 495	Occupational Internship -or- Senior Project I
			ITEC Major Electives	Must be at 300/400 level
				<b>60</b>
<b>Total semester hrs completed w/AAS degree:</b>		<b>61</b>	<b>Total semester hrs completed w/BS degree:</b>	
			<b>Total hrs to BS degree:</b>	
				<b>139</b>
<i>Degree Plan updated on 8/31/23 by SG</i>				