

PROGRAM ARTICULATION DEGREE PLAN						
Highland Community College	2023-2024	Southern Illinois University Carbondale				
AAS Information Systems: Programming - 60 Hours		BS Information Technology (ITEC) - 120 Hours				
		UCC Capstone - 30 hrs				
		Hrs		Hrs		
			UNIV 101	Saluki Success		
SPCH 191	Fundamentals of Speech Communication	3	CMST 101	Intro to Oral Communication		
ENGL 121	Rhetoric & Composition I	3	ENGL 101	English Composition I		
ENGL 122	Rhetoric & Composition II	3	ENGL 102	English Composition II		
MATH 166	College Algebra	4	MATH 108	College Algebra		
			ECON 113	Economics of Contemporary Social Issues		
PSY 161	Intro to Psychology	3	PSYC 102	Intro to Psychology		
PHIL 282 -or- 283 (Gen Ed Elective)	Ethics -or- Intro to Logic	3	PHIL 104 -or- 105	Ethics -or- Elementary Logic		
			HUMANITIES	NA		
			PHYSICAL SCIENCE	3		
			LIFE SCIENCE	3		
			FINE ARTS	3		
			HUMAN HEALTH	NA		
THEA 104	Diversity in Performance	3	CULT 1XX	UCC Multicultural Sub 100-level		
		22		12		
<b>Program Requirements</b>		<b>Program Requirements</b>				
BUSN 121	Intro to Business	3	Any unarticulated courses will be used to satisfy general elective credit			
BUSN 125	Mathematics of Business	3				
INFT 105	Basic Keyboarding I	1				
INFT 106	Basic Keyboarding II	1				
INFT 115	Intro to the World Wide Web	1				
INFT 122	Intro to Windows	1				
INFT 131	Beginning Microsoft Word	1				
INFT 132	Intermediate Microsoft Word	1				
INFT 135	PowerPoint	1				
INFT 140	Beginning Excel	1				
INFT 145	Beginning Access	1				
INFT 146	Intermediate Access	1				
INFT 260	Computer Animation	3				
INFT Electives		7				
INFT 180	Intro to Information Systems	3			CS 200B -or- ITEC 229 (elective)	Computer Concepts -or- Computing Busi Admin
INFT 190	Principles of Computer Science I	3			ITEC 209	Intro to Programming
INFT 202 (suggested)	Web Programming	3			ITEC 236	Web-based Applications in Information Technology
INFT 284	Network+ Certification	3	ITEC 224	Network Fundamentals		
		38				
			ITEC 216	Information Security Fundamentals		
			ITEC 225	Operating Systems		
			ITEC 235	System Administration		
			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		
				15		
				57		
<b>Total semester hrs completed w/AAS degree:</b>		<b>60</b>	<b>Total semester hrs completed w/BS degree:</b>	<b>69</b>		
			<b>Total hrs to BS degree:</b>	<b>129</b>		
Degree Plan updated on 9/18/23 by SG						