

PROGRAM ARTICULATION DEGREE PLAN					
<b>Danville Area Community College</b>	<b>2020-2021</b>		<b>Southern Illinois University Carbondale</b>		
AAS Applied Computer Science - 64 hours			BS Information Technology (ITEC) - 120 hours		
			<b>(UCC) CAPSTONE OPTION - 30 hrs</b>		
		<b>Hrs</b>			<b>Hrs</b>
			UNIV 101	Saluki Success	NA
SPCH 101	Oral Communication	3	CMST 101	Intro to Oral Communication	T
ENGL 101 (recommended sub)	Rhetoric & Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
MATH 111	College Algebra	5	MATH 108	College Algebra	T
PSYC 100 -or- SOCY 100	Intro to Psych -or- Intro to Soc	3	PSYC 102 -or- SOC 108	Intro to Psyc -or- Intro to Soc	T
			SOCIAL SCIENCE		3
			PHIL 104 -or- 105	Ethics -or- Elementary Logic	3
			HUMANITIES		NA
			PHYSICAL SCIENCE		3
			LIFE SCIENCE		3
	Fine Arts Elective	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		<b>17</b>			<b>15</b>
<b>Program Requirements</b>			<b>Program Requirements</b>		
CSCI 151	DataBase Design Principles	3	<b>Courses not articulated will be used to satisfy general elective credit</b>		
INFO 190	Worksite Seminar	1			
INFO 230	Web Programming PHP/MySQL	3			
INFO 245	Employment Seminar	1			
INFO 276	Developing Mobile Phone Apps	3			
INFO 290	Supervised Occupational Experience	3			
CBUS 150	Business Computer Systems	3			
CSCI 100	Concepts in Programming: C++	3	ITEC 209	Intro to Programming	T
CSCI 101	Intro to Python Programming	3	ITEC 209	Intro to Programming	T
CSCI 103	Intro to Java Programming	3	ITEC 209	Intro to Programming	T
CSCI 150	Database Concepts: SQL	3	ITEC 370	Database Programming with SQL	T
CSCI 200	Advanced C++	3	ITEC 312	Programming II	T
CSCI 201	Advanced Python	3	ITEC 312	Programming II	T
CSCI 203	Adv Java Programming	3	ITEC 312	Programming II	T
INFO 173 -or- 153	Linux -or- A+ Prep	3	ITEC 227 -or- ITEX 1XX	Linux Essentials -or- ITEC Elective 100-level	T
INFO 174	Intro to Web Design: HTML/CSS	3	ITEC 336	Web-based Applications in Information	T
INFO 284	Web Programming JavaScript	3	CS 202 (elective)	Intro to Computer Science	T
		<b>47</b>			
			ITEC 216	Information Security Fundamentals	3
			ITEC 224	Network Fundamentals	3
			ITEC 225	Operating Systems	3
			ITEC 280	Discrete Math for IT	3
			ITEC 314	Ethics and Legal Issues in IT	3
			ITEC 334	Database Design and Processing	3
			ITEC 335	System Administration	3
			ITEC 365	Data Applications and Interpretation	3
			ITEC 366	Applications of Technical Writing	3
			ITEC 380	User Experience Design	3
			ITEC 404	Information Technology Project Management	3
			ITEC 412	Info Systems: Analysis, Design, and Implementa	3
			ITEC 495	Senior Project I	3
			Major Electives	300/400-level	15
			*Credit from all areas must total 42 hours of 300/400 level courses		<b>54</b>
<b>Total semester hrs completed with AAS degree:</b>		<b>64</b>	<b>Total semester hrs completed with BS degree:</b>		<b>69</b>
			<b>Total hrs to BS degree:</b>		<b>133</b>
Degree Plan updated on 1/19/2021 by SG					