

PROGRAM ARTICULATION DEGREE PLAN					
City Colleges of Chicago		2019-2020	Southern Illinois University Carbondale		
AAS Web Development - Minimum 61 Hours			BS Information Systems Technologies (IST) -120 Hours		
			(UCC) CAPSTONE OPTION - 30 hrs		
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
ENGLISH 101	Composition I	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
			CMST 101	Intro to Oral Communication	3
MATH 118	General Education Math	4	MATH 101	Intro to Contemporary Math	T
ECON 203, PSYCH 201 -or- SOC 201	Current Econ Prob, Gen Psyc -or- Sty Society	3	ECON 113, PSYC 102 -or- SOC 108	Econ Soc Issues, Intro Psychology -or- Intro Sociology	T
			SOCIAL SCIENCE		3
PHIL 105 -or- 107	Logic -or- Ethics	3	PHIL 105 -or- 104	Elementary Logic -or- Ethics	T
			HUMANITIES		NA
	Physical -or- Life Sciences Course	3	PHYSICAL -or- LIFE SCIENCE	See SIUC Transfer Equivalency Guide	T
			PHYSICAL -or- LIFE SCIENCE		3
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		16			15
Program Requirements			Program Requirements		
Program Elective		2	Any courses not articulated will be used to satisfy general elective credit		
CIS 113	Human-Computer Interaction	3			
CIS 114	Mobile Application Development	3			
CIS 181	Web Development I/Basic Web Tech	3			
CIS 182	Web Development II/Client Side Scripting	3			
CIS 260	Computer Information Systems Field Project	3			
CIS 281	Web Development III/Server Side Program	3			
CIS 282	Web Development IV/Web Database Integ	3			
NET TEC 101	Client-Server Database I	3			
BUSINES 111	Intro to Business	3			
CIS 101	Computer Science 101	3	CS 200B (elective)	Computer Concepts	T
CIS 116	Operating Systems I	3	ISAT 125 (elective)	Optimizing & Troubleshooting Operating Systems	T
CIS 144	Java Object Oriented Programming I	3	IST 209	Intro to Programming	T
COMPSFI 102 (elective)	Intro to Information Security	4	ISAT 216	Information Security Fundamentals	T
NET TEC 121 (elective)	Internetworking I	3	ISAT 224	Network Fundamentals	T
		45			
			IST 314	Ethical and Legal Issues in IT	3
			IST 334	Database Design and Processing	3
			IST 336	Web-based Applications in Information Systems	3
			IST 370	Database Programming with SQL	3
			IST 404	Information Technology Project Management	3
			IST 412	Info Systems: Analysis, Design & Implementation	3
			ISAT 365	Data Applications and Interpretation	3
			ISAT 366	Applications of Technical Writing	3
			ISAT 419	Occupational Internship	4
			300/400 Major Electives	15 hours at 300/400 level	33
					61
Total semester hrs completed with AAS degree:		61	Total semester hrs completed with BS degree:		76
			Total hrs to BS degree:		137