

PROGRAM ARTICULATION DEGREE PLAN					
Heartland Community College		2019-2020		Southern Illinois University Carbondale	
AAS Computer Network Technology - 65 Hours				BS - Information Systems Technologies (IST)	- 120 Hours
				(UCC) CAPSTONE OPTION - 30 hrs	
		Hrs			Hrs
			UCOL 101	Saluki Success	NA
COMM 101	Intro to Oral Communication	3	CMST 101	Intro Oral Communication	T
ENGL 101	Critical Reading and Writing	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
			ECON 113	Economics of Contemporary Social Issues	3
			PSYC 102 -or- SOC 108	Intro to Psychology -or- Intro to Sociology	3
Physical Science Elective		3	PHYSICAL SCIENCE	See SIUC Transfer Equivalency Guide	T
			LIFE SCIENCE		3
MATH 109	College Algebra	4	MATH 108	College Algebra	T
PHIL 111 -or- 114	Logic -or- Ethics	3	PHIL 105 -or- 104	Elementary Logic -or- Ethics	T
			HUMANITIES		NA
			FINE ARTS		3
			HUMAN HEALTH		NA
			MULTICULTURAL		3
		16			15
Program Requirements			Program Requirements		
BUSN 145	Employment Success Strategies	1	Any courses not articulated will be used to satisfy general elective credit		
NETW 122	Routing & Switching Essentials	3			
NETW 123	Scaling Networks	3			
NETW 124	Connecting Networks	3			
NETW 150	Workstation Operating Systems	3			
NETW 162	Networking Technologies	3			
NETW 166	Windows Workstation Administration	3			
NETW 167	Windows Server Administration	3			
NETW 182	Linux Administration	3			
NETW 158, 208 -or- 271	Web Server Admin, Data Syst -or- CISCO	3			
TECH 299	Internship in Technology	1			
CSCI 101	Intro to Computer Information Science	4	CS 105	Introduction to Programming	T
CSCI 130	Computer Science I	4	IST 209	Accounting II-Managerial	T
NETW 121	Introduction to Networks	3	ISAT 224	Network Fundamentals	T
NETW 151	PC Hardware Maintenance & Repair	3	ISAT 121	Installing & Upgrading Computer Systems	T
NETW 160	Introduction to Networking	3	ISAT 224	Network Fundamentals	T
NETW 170	Network Security Fundamentals	3	ISAT 216	Information Security Fundamentals	T
		49			
			IST 314	Ethical & Legal Issues in IT	3
			IST 334	Database Design & 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 & Interpretation	3
			ISAT 366	Applications of Technical Writing	3
			ISAT 419	Occupational Internship	3
			300/400-Level Major Electives		15
			<i>Credit from all areas must total 42 hours of 300/400 level courses</i>		42
Total semester hrs completed w/ AAS degree:		65	Total semester hrs completed w/ BS degree:		57
			Total hrs to BS degree:		122
<i>Degree Plan updated on 9/3/19 by SG</i>					