APPENDIX A: DEGREE CONTROL SHEET

School of Business and Information Sciences
Control Sheet: BS, Cybersecurity

Course No.	Course Title	Credits	Transfer Institution	Transfer Course	Transfer Credits	Semester	Grade
	General Education Commons (Theme Areas- 52 Credits)						
Theme I.	**Faith and Reason**						
Waived with Associate Degree	(100/200 level from list)	3	Waived	Waived	Waived	Waived	Waived
	(300/400 level from list)		Felician University Course		3		
	(300/400 level from list)		Felician University Course		3		
Theme II.	**Ethics, Values, and Truth**		HCCC	PHL 218- Contemporary Moral Issues	3		
	(From list)	3					
Theme III.	**Communication & Expression**						
Waived with Associate Degree	ENG 101: Writing the College Essay	3	HCCC	ENG 101- College Composition I	3		
Waived with Associate Degree	(From list)	3	HCCC	ENG 112- Speech	3		
Theme IV. Waived with Associate Degree	**Critical & Analytical Thinking** (From list)	3	Waived	Waived	Waived	Waived	Waived
Theme V.	**Information Literacy**						
Waived with Associate Degree	LS-100: The Architecture of Information	1	Waived	Waived	Waived	Waived	Waived
Waived with Associate Degree	ENG102: College Writing and Research II	3	HCCC	ENG 102- College Composition II	3		
Theme VI.	**Technology Acumen**						
Waived with Associate Degree	CS120: Introduction to Computer Science	3	HCCC	CSC 117- Java Programing	3		
Theme VII.	**Quantitative & Scientific Reasoning**						

Waived with Associate Degree	Quantitative & Scientific Reasoning (College Level Math) MATH160: College Algebra (Required)	4	HCCC	MATH 111- Calculus I	4			
Waived with Associate Degree	Quantitative & Scientific Reasoning (Lab Science) (From list)	4	Waived	Waived	Waived	Waived	Waived	
Theme VIII.	**Global Consciousness**							
Waived with Associate Degree	(From list)	3	HCCC	HUM 101- Cultures and Values	3			
Waived with Associate Degree	(From List)	3	Waived	Waived	Waived	Waived	Waived	
	Arts and Sciences Electives							
Waived with Associate Degree	Liberal Arts Concentration CRIM340: Cyber Crime (Required)	3	HCCC	Humanities or Social Science Elective	3			
Waived with Associate Degree	Liberal Arts Concentration MATH122 Statistics I (Recommended)	3	HCCC	MATH 114- Introduction to Probabilities and Statistics	3			
Waived with Associate Degree	Liberal Arts Concentration MATH161 Pre-Calculus (Recommended)	4	HCCC	MAT 112- Calculus II	4			
First Year	3-D Felician Experience	1	HCCC	CSS 100- College Student Success	1			
Second Year	3-D Felician Experience	1	Waived	Waived	Waived	Waived	Waived	
Third Year	3-D Felician Experience	1	Waived	Waived	Waived	Waived	Waived	
	Computer Science Core Requirements (33 Credits)							
CS104	Python I	3	Felician Univeristy Course		3			
CS 110	Introduction to Programming I	4						
CS120	Introduction to Computer Science – (Included in GECC)	3 (GECC)	HCCC	CSC 117- Java Programming	3			
CS270	Introduction to Programming II	4	Felician University Course		4			
CS280	Computer Architecture and Organization	3	Felician University Course		3			
CS290	Theoretical Foundations and Principles of Computer Science	3	HCCC	CSC 113- Computer Logic and Discrete Math	3			
CS320	Network and Telecommunications	4	Felician University Course		4			

CS350	Intro to Operating Systems	3	HCCC	CSC 227- Intro to Operating Systems	3		
CS380	Data Structures and Algorithms	3	HCCC	CSC 214- Data Structures and Advanced Programming	3		
CS360	Database Management Systems	3	HCCC	CSC 226- Database Design and Concepts	3		
CS460	Senior Project Development	3	Felician Univeristy Course		3		
	Cybersecurity Core Requirements (23 Credits)						
CSEC225	Principles of Information Assurance and Security	3					
CSEC315	Digital Forensics and Investigation	3					
CSEC325	Network Security	4					
CSEC355	Operating Systems Security	3					
CSEC365	Cryptography Technologies	4					
CSEC435	Secure Software Development	3					
CSEC335	Penetration Testing I	3					
	Free Electives (14 Credits to meet 120 total credits)						
	Social Science Elective	3	HCCC	Any Social Science Elective	3		
	Data Communication concepts Or Intro to Networks and Networking	3	HCCC	CSC 230 OR CSC 240	3		
	Complete Computer Forensics, Cryptography, OR 235	3	HCCC	CSC 235, CSC 242	3		

Transfer Credits: 60
Felician University Credits: 60

NOTES: General Policy- Up to 90 credits may be transferred to Felician University. At least 30 credits must be taken from Felician University. Included in the 30 credits must be at least half of the credits required in the major.

General Education Courses Waived for students who earn an A.A. or A.S. degree.
Associate in Science AWARDED _____
    Admissions Counselor:

    Academic Advisor:

Mapping HCCC to Felician University /Cybersecurity

HCCC			Felician		
Course name	Course number	credits	Course name	Course number	credits
Java Programming	CSC-117	3	Python	CS104	3
Computer Logic and Discrete Math	CSC-113	3	Theoretical Foundation and Prin of Computer Science	CS290	3
Data Struct and Alg	CSC-214	3	Data Struct and Alg	CS380	3
Data Base Design	CSC-226	3	Data Base Management Sys	CS360	3
Intro To operating System	CSC-227	3	Intro to operating System	CS350	3
Cybersecurity	CSC-232	3	Principles of info Assurance and sec	CSEC225	3
Intro To Local Area Networks	CSC-240	3	Network and Tel comm	CS325	4
Ethical Hacking	CSC-245	3	Penetration testing	CSEC335	3
Computer forensics	CSC-242	3	Digital Forensics and Investigation	CSEC315	3
	TOTAL	27		Total	28

Notes:
1) HCCC Cybersecurity students will be transferring a total of 60 Credit to Felician University
2) If HCCC student takes Network Security CSC-235, it will be mapped to Network Security CSEC 325(for now students are either required to take CSC-235 or CSC-245).
3) The total of core and elective credits for Cybersecurity students as shown in the above table is 27 credits, for Felician students 28 credits therefore HCCC transferring students will be required to take an additional credit at Felician university.
4) HCCC transferring students will take 60 at Felician University credits to complete the requirements for a BS in Cybersecurity.