Associate in Science in Computer Science (Cybersecurity) to Bachelor of Science in Cybersecurity

HCCC Cybersecurity A.S.

NJCU Cybersecurity B.S.

Course Number	Course Name	Credits		Course Number	Course Name	Credits
CSS100	College Student Success	1	=	INTD101	Orientation to College	1
ENG101	College Composition I	3	=	ENGL101	English Composition I	3
ENG102	College Composition II	3	=	ENGL102	English Composition II	3
MAT111	Calculus I	4	=	MATH192	Calculus and Analytic Geometry I	4
MAT112	Calculus II	4	=	MATH193	Calculus and Analytic Geometry II	4
MAT114	Introduction to Probabilities and Statistics	3	=	MATH140	Statistics I	3
HUM101	Cultures and Values	3	=	WGST110	Diversity and Difference: Identities, Communities, and Cultures	3
ENG112	Speech	3	=	ENGL147	Effective Speaking	3
PHL218	Contemporary Moral Issues	3	=	PHIL125	Ethics in Everyday Life	3
1 Social Science Elective	TBD	3	=	TBD		3
1 Humanities or Social Science Elective	TBD	3	=	TBD		3
CSC117	Java Programming	3	=	CS101	Computer Science I	3
CSC113	Computer Logic and Discrete Math	3	=	CS202	Discrete Structures I	3
CSC226	Database Design and Concepts	3	=	CS306	Data Base Design	3
CSC227	Intro to Operating Systems	3	=	CS206	Concepts of Operating Systems	3
CSC232	Cybersecurity	3	=	SECU222	Computer Security I	3
CSC245	Ethical Hacking	3	=	SECU340	Ethical Hacking	3
CSC214	Data Structures and Advanced Programming	3	=	CS209	Data Structures	3

Complete one of the following:

Course Number	Course Name	Credits		Course Number	Course Name	Credits
CSC230	Data Communication Concepts	3	=	CS210	Fundamentals of Telecommunication and Network	3
CSC240	Intro to Networks and Networking	3	=	CS410	Telecommunications & Networks	3

Complete one of the following:

Course Number	Course Name	Credits		Course Number	Course Name	Credits
CSC235	Newtork Security	3	=	SECU309	Introduction to Computer & Network Security	3
CSC242	Computer Forensics and Investigations	3	=	SECU345	Computer Forensics I	3

Total Credits Transferred	60	General Education Waiver Awarded!

Remaining NJCU Courses

COURSE NUMBER	COURSE NAME	CREDITS
Prerequisites		**6**
CS 407	Introduction to Unix/Linux System Administration and Shell Programming	3
SECU 210	Introduction to Intelligence	3
Core Courses		**21-27**
CS 252	Programming for All in Python and Computer Science Principles	3
CS 410	Telecommunications & Networks	3
	Note: This course may be a part of the transfer if taken at HCCC	
SECU 221	Contemporary International Security Topics	3
SECU 224	Ethics in National Security	3
SECU 309	Introduction to Computer & Network Security	3
SECU 345	Computer Forensics I	3
	Note: This course may be a part of the transfer if taken at HCCC	
SECU 322	Computer Security II	3
SECU 430	Computer Hacking Forensic Investigator	3
SECU 460	Security & Privacy of Information and Information Systems	3
Security Studies Track Courses		**18**
SECU 422	Computer Security III	3
SECU 339	Cyber Incident Handling	3
SECU 400	Cybersecurity & Event Management	3
SECU 323	Risk Management	3
SECU415	Intrusion Detection and Prevention Systems	3
SECU 154	Careers in Professional Security Studies	3
Electives (12 credits) Take at least four courses		**12**
SECU 151	Security Systems & Design	3
SECU 152	Loss Prevention Technique	3
SECU 153	Occupational Safety and Health	3
SECU 155	Introduction to International Security	3
SECU 214	Crime Scene Investigation	3
SECU 215	Behavioral Analysis & Criminal Profiling	3
SECU 220	Current Security Problems	3
SECU 280	Security Organization & Administration	3
SECU 310	Forensic Investigations	3
SECU311	Bloodstain Pattern Analysis	3
SECU 315	Big Data in U.S. National Security	3
SECU 321	Seminar on National Security	3
SECU 465	Resource Manangement in Security	3
SECU 398	Research Methods in Professional Security Studies	3
SECU 1305	Special Topics: Intelligence Analysis and National Security	3
SECU 3305	Special Topics: Executive Communications for National Security	3
SECU 2305	Special Topics: National Security Policy	3
SECU 4305	Special Topics: Domestic Terrorism	3
SECU 5305	Special Topics: Extremist Groups	3
SECU 6305	Special Topics: Critical Thinking	3
SECU 7305	Special Topics: Security Fraud	3

Total Credits To Graduate	**120**