



HUDSON COUNTY COMMUNITY COLLEGE

Associate of Science
Computer Science (Cybersecurity Option)

NEW JERSEY CITY UNIVERSITY

Bachelor of Science
Cybersecurity

AY 2025-2026

Course Number	Course Name	Credits		Course Number	Course Name	Credits	Notes
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		3	=	TBD		3	
1 Humanities or Social Science Elective		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:							
CSC230	Data Communication Concepts	3	=	CS210	Fundamentals of Telecommunication and Network	3	
CSC240	Intro to Networks and Networking	3	=	CS410	Telecommunications & Networks	3	NJCU Recommends
Complete one of the following:							
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

Remaing NJCU Courses

Course Number	Course Name	Credits	Notes
Foundation Courses		6	
CS 101	Computer Science I	0	This will be satisfied with transfer
CS 206	Concepts of Operating Systems	0	This will be satisfied with transfer
CS 407	Introduction to Unix/Linux System Administration and Shell Programming	3	
SECU 210	Introduction to Intelligence	3	
SECU 222	Computer Security I	0	This will be satisfied with transfer
Core Courses		18-21	
CS 252	Programming for All in Python and Computer Science Principles	3	
CS 410	Telecommunications & Networks	0-3	This will be satisfied with transfer
SECU 221	Contemporary International Security Topics	3	
SECU 224	Ethics in National Security	0*	PHIL125 will substitute for this requirement
SECU 309	Introduction to Computer & Network Security	0-3	This will be satisfied with transfer
SECU 322	Computer Security II	3	
SECU 345	Computer Forensics I	0-3	This will be satisfied with transfer
SECU 430	Computer Hacking Forensic Investigator	3	
SECU 460	Security and Privacy of Information and Information Systems	3	
SELECT ONE TRACK			
Security Studies Track Courses		18	
SECU 323	Risk Management	3	
SECU 339	Cyber Incident Handling	3	
SECU 340	Ethical Hacking I	0	This will be satisfied with transfer
SECU 400	Cybersecurity and Event Management	3	
SECU 415	Intrusion Detection and Prevention Systems	3	
SECU 422	Computer Security III	3	
SECU 154	Careers in Professional Security Studies	3	
Business Security Track Courses		21	
ACCT 450	Corporate Governance & Internal Control Frameworks	3	
FINC 305	Introduction to Data Science	3	
FINC 430	Principles of Machine Learning	3	
MGMT 321	Ethics and Corporate Social Responsibility	3	
MGMT 350	Decision Intelligence in Supply Chains	3	
MKTG 231	Principles of Marketing	3	
MKTG 422	E-commerce	3	

Electives		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 and Criminal Profiling	3
SECU 220	Current Security Problems	3
SECU 280	Security Organization & Administration	3
SECU 310	Forensic Investigations	3
SECU 311	Bloodstain Pattern Analysis	3
SECU 315	Big Data Analysis and Visualization in U.S. National Security	3
SECU 321	Seminar on National Security	3
SECU 398	Research Methods in Professional Security Studies	3
SECU 465	Resource Management in Security	3
SECU 2305	Special Topics: National Security Policy	3
SECU 4305	Special Topics: Domestic Terrorism	3
Free Electives		0-6
Total Credits To Graduate		120