TRANSFER ADVISING GUIDE

"EXHIBIT A"

A.S. Computer Science – Cybersecurity Option from Hudson County Community College to a B.S. in Cybersecurity at Rider University

HUDSON COUNTY COMMUNITY COLLEGE COURSE A.S., Computer Science, Cybersecurity Option	Cr	RIDER UNIVERSITY COURSE/AREA SATISFIED B.S., Cybersecurity (120 Credits) (9-3-24) Signed 12-16-2024	Cr
First Semester			
CSS 100 College Student Success	1	Not Transferrable	0
CSC 113 Computer Logic & Discrete Math	3	CSC 140 Discrete Structures	3
ENG 101 English Composition I	3	CMP 120 Seminar in Writing & Rhetoric	3
ENG 112 Speech	3	COM 104 Speech Communication	3
CSC 117 Java Programming	3	CSC 120 Computer Science II	3
MTH 111 Calculus I (4)	4	MTH 210 Calculus I (4)	4
	17		16
Second Semester			
MAT 112 Calculus II	4	MTH 211 Calculus II	4
CSC 214 Data Structures &Advanced Programming	3	CSC 130 Data Structures & Algorithms	3
ENG 102 English Composition II	3	CMP 125 Seminar in Writing & Research	3
PHL 218 Contemporary Moral Problems	3	Philosophical Perspectives [U] PHL 202 Social Philosophy	3
CSC 232 Cybersecurity	3	CYB 105 Intro to Cybersecurity	3
	16		15
Third Semester			
Social Science Elective SOC 101 Introduction to Sociology **OR** PSC 102 American Government	3	Social Perspectives [U] SOC 101 Sociological Imagination **OR** POL 100 U.S. Politics in Crisis	3
Humanities Elective Rider suggests the following courses for transfer: Language: Rider requires 6 credits of same language, level one and level two. **OR** History- Rider requires 6 credits (HIS-110; HIS-111) HIS 110 History of Western Civilization I **OR** HIS 111 History of Western Civilization II	3	Foreign Language Proficiency [U] **OR** Historical Perspectives (HIS-150; HIS-151) HIS 150 Pre-Modern World: Evolution to Revolution **OR** HIS 151 World in the Modern Era: Exploration to Globalization	3

CSC	226	Database Design & Concepts		CIS	330	Database Systems	3
C	227	Operating Systems	3	CYB	200	Operating Systems & Cybersecurity	3
CSC	230	Data Communication Concepts **OR** Rider suggests CSC-240 for transfer credit:	3	CYB 1XX No direct equivalent **OR**			3
CSC	240	Intro to Networks & Networking		CIS	270	Computer Networking	
			15				15
Fourth Semester							
CSC	200	Level Elective Course choices are:		CYB 260 Network Defenses & Countermeasures **OR**			
CSC	235	Network Security **OR**		CYB 320 Cyber Forensics **OR**			
CSC	242	Computer Forensics **OR**	3	CSC 1XX No direct equivalent **OR**			3
CSC	2XX	Cryptography		CSC 2XX No direct equivalent			
CSC	245	Ethical Hacking	3	CYB 240 Ethical Hacking & Penetration Testing			3
MAT	114	Intro to Statistics	3	CSC	230	Probability for *Computer Science*	3
			15				15
			60				59/60

Hudson County Community College Footnotes:

Rider University Footnotes:

ʊ – Students have a number of options to satisfy this requirement; courses will be evaluated on an individual basis

For transfer credit Hudson County Community College students must have a grade of "C" or higher in all courses. (No transfer credit will be accepted for any course with a grade of "C-" or below.)

Hudson County Community College students interested in the Continuing Education Program (CEP) should contact that division directly.

Requirements are subject to change. This Advising Guide is best used in consultation with an advisor.

COURSES REMAINING FOR A BACHELOR OF SCIENCE DEGREE IN CYBERSECURITY AT RIDER UNIVERSITY*

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at Hudson County Community College, indicate course number)

FOR FURTHER INFORMATION, CONTACT:

Career & Transfer Pathways
Associate Dean, Career & Transfer Pathways
Hudson County Community College
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Transfer Admission
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