

# TRANSFER ADVISING GUIDE

## “Exhibit A”

<b>Associate of Applied Science, (A.A.S.), Information Technology: Cybersecurity concentration from Mercer County Community College to a Bachelor of Science (B.S.) Cybersecurity at Rider University</b>			
<b>MERCER COUNTY COMMUNITY COLLEGE COURSE A.A.S. Information Technology: Cybersecurity concentration  (The major falls under Business at Mercer)</b>	<b>Cr</b>	<b>RIDER UNIVERSITY COURSE/AREA SATISFIED B.S. Cybersecurity (CAS) (120 Credits)  (This major falls under the College of Arts &amp; Sciences (CAS at Rider) Signed 11-15-24</b>	<b>Cr</b>
<b>First Semester</b>			
		CBA 110 Business in Action (Waived)	
ENG 101 English Composition I	3	Communication	3
NET 102 Introduction to PC Hardware & Software	3	CMP 120 Seminar in Writing & Rhetoric	
NET 104 Fundamentals of Computer Networks	3	CYB 1XX Elective <sup>u</sup>	3
NET 120 Windows Desktop OS Administration	3	CIS 270 Computer Networking	3
IST 105 Information Security Concepts & Principles <small>New Change 10-30-24 from Mercer</small>	3	CYB 1XX Elective <sup>u</sup>	3
	<b>15</b>	CYB 105 Introduction to Cybersecurity	3
<b>Second Semester</b>			<b>15</b>
		Communication	
ENG 102 English Composition II	3	CMP 125 Seminar in Research & Writing	3
MAT 115 Algebra & Trigonometry I	3	MATH Core <sup>u</sup>	3
NET 103 IT Essentials	3	CYB 130 IT Fundamentals	3
NET 122 Windows Server OS Administration	3	CYB 1XX Elective <sup>u</sup>	3
NET 130 Routing & Switching Essentials	3	CYB 1XX Elective <sup>u</sup>	3
	<b>15</b>		<b>15</b>
<b>Third Semester</b>			
CMN 111 Speech: Human Communication <b>OR</b> CMN 112 Public Speaking <small>(Rider suggest for transfer credit)</small>	3	Oral Communication <sup>u</sup>	
		COM 104 Speech Communication	3
NET 212 Introduction to Linux	3	CYB 1XX Elective <sup>u</sup>	3
NET 230 Scaling Networks	3	CYB 1XX Elective <sup>u</sup>	3
NET 240 Network Security	3	CYB 260 Network Defense and Countermeasures	3
NET 241 Cyber Security Analytics <small>(New Course 7-10-24)</small>	3	CYB 320 Cyber Forensics	3
	<b>15</b>		<b>15</b>
<b>Fourth Semester</b>			
BUS 230 Global Environment of Business	3	Global Perspective (Approved by Brooke Hunter 10/22 for transfer)	3
IST 110 Introduction to Python	3	CSC 110 Computer Science I	3

NET 244	Network Defense & Countermeasures	3	CIS 345	Enterprise Security	3
NET 245	Ethical Hacking	3	CYB 240	Ethical Hacking & Penetration Testing	3
PHI 204	Ethics	3	PHL 115	Ethics	3
		<b>15</b>			<b>15</b>
<b>Total:</b>		<b>60</b>	<b>Total:</b>		<b>60</b>

**Mercer County Community College Footnotes:**

**Rider University Footnotes:**

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

For transfer credit the Mercer student must have a “C” or higher in all courses for transfer credit.

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

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

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at Mercer, indicate course number)
The B.S. degree equals a total of 120 credits.			

**FOR FURTHER INFORMATION, CONTACT:**

**Transfer Services**  
**Mercer County Community College**  
**609.570.3397**  
[transfer@mccc.edu](mailto:transfer@mccc.edu)

**Transfer Admission**  
**Rider University**  
**609.896.5000 X 7159**  
[admissions@rider.edu](mailto:admissions@rider.edu)