

TRANSFER ADVISING GUIDE

“Exhibit A”

**(A.S.) Associate of Science, Cybersecurity (1203) from Bucks County Community College
to (B.S.) Bachelor of Science, Cybersecurity at Rider University**

<i>BUCKS COUNTY COMMUNITY COLLEGE COURSE</i> <i>A.S., Cybersecurity (1203)</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i> <i>B.S., Cybersecurity (120 Credits)</i>	Cr
First Semester			
COLL 101 College Success Seminar	1	NOT TRANSFERRABLE	0
COMP 110 English Composition I <small>A, E, 2, 10</small>	3	CMP 120 Expository Writing	3
CISC 115 Computer Science I <small>A, E</small>	4	CSC 110 Computer Science I (3)	4
CISC 128 Comparative Operating Systems	4	CSC 1XX Elective Credit	4
CISC 143 Essentials of Networking <small>E, 7</small>	4	CIS 270 Networking & Telecommunications (3)	4
	16		15
Second Semester			
CISC 201 Managing & Maintaining the PC <small>E</small>	4	CYB 1XX Elective Credit	4
CISC 215 Database Design & Development <small>E</small>	3	CIS 330 Database Management (3)	3
COMP 111 English Composition II <small>E, 2, 4, 10</small>	3	CMP 125 Research Writing	3
College Level Mathematics Electives <small>A, C, E, 6</small>			
MATH 101 Mathematical Concepts I (3) OR MATH 115 Elementary Statistics (3) OR MATH 120 College Algebra (4) OR MATH 122 Trigonometry & Analytics Geometry (3) OR MATH 125 Precalculus Mathematics (4) OR MATH 140 Calculus I (4)	3/4	MTH 102 Finite Mathematics (3) OR MTH 120 Introduction to Applied Statistics (3) OR MTH 105 Algebra & Trigonometry (4) OR MTH 102 Finite Math (3) OR MTH 105 Algebra & Trigonometry (4) OR MTH 210 Calculus I (4)	3/4
Arts/Humanities <small>B, 1</small> Rider suggest language credit for transfer (6 credits of the same language)	3	Foreign Language Proficiency Aesthetic Perspectives: Fine Arts ∪ Aesthetic Perspectives: Literature ∪ Historical Perspectives ∪	3
	16/17		16/17
Third Semester			
CISC 206 Introduction to Cybersecurity <small>E, 2, 9</small>	4	CYB 105 Introduction to Cybersecurity (3)	4
CISC 235 Network Devices <small>E</small>	4	CYB 1XX Elective Credit	4
CISC 244 Intro. to Microsoft Server <small>E</small>	4	CYB 1XX Elective Credit	4
Social Sciences <small>F, 2, 3, 8</small> Choose from:			
PSYC 110 Introduction to Psychology OR	3	PSY 100 Introduction to Psychology OR	3

SOCI 110 Introduction to Sociology		SOC 101 Sociological Imagination	
	15		15
Fourth Semester			
COMM 110 Effective Speaking <small>A, E, 4, 5</small>	3	COM 104 Speech Communication	3
CISC 202 Linux Network Administration <small>E</small>	4	CYB 200 Operating Systems & Cybersecurity (3)	4
CISC 245 Network Security & Troubleshooting <small>E</small>	4	CYB 260 Network Defense & Countermeasures (3)	4
College Level Mathematics Electives <small>A, C, E, 6</small>			
MATH 101 Mathematical Concepts I (3)		MTH 102 Finite Mathematics (3)	
OR		OR	
MATH 115 Elementary Statistics (3)		MTH 120 Introduction to Applied Statistics (3)	
OR		OR	
MATH 120 College Algebra (4)	3/4	MTH 105 Algebra & Trigonometry (4)	3/4
OR		OR	
MATH 122 Trigonometry & Analytics Geometry (3)		MTH 102 Finite Math (3)	
OR		OR	
MATH 125 Precalculus Mathematics (4)		MTH 105 Algebra & Trigonometry (4)	
OR		OR	
MATH 140 Calculus I (4)		MTH 210 Calculus I (4)	
	14/15		14/15
	61/63		60

<p>FREE COURSE: Rider Course Option: Please select one course from the list:</p> <p><u>CYB-110-Cybercrime & Cyberterrorism (3)</u></p> <p>OR</p> <p><u>CSC-150-Cyber Ethics & Social Impact (3)</u></p> <p>OR</p> <p><u>CSC-110-Computer Science I (3)</u></p> <p>OR</p> <p><u>CYB-130-IT Fundamentals (3)</u></p>	<p>Following completion to 30 credits and the Rider Intent to Enroll Form and while a student at Bucks, students have the option to take a free course at Rider that counts toward the Rider degree. The selected course allows the Bucks County Community College student to experience first-hand the academic environment at Rider.</p> <p>See Bucks or Rider Transfer representatives.</p> <p>Contact information listed below.</p>	<p>3</p>
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Bucks County Community College Footnotes:

Placement testing required.

B Consult the list of courses approved for this subcategory. Any course may be chosen.

C Complete one of the following three sub requirements: (1.) MATH 117 & MATH 118, (2.) MATH 140 & MATH 141, or (3.) MATH 140 and MATH 121.

D An Pre-college level courses do not meet this requirement.

E Course requires prerequisite.
F Choose from: PSYC110; SOC1110

- 1 Satisfies Arts/Humanities.
- 2 Satisfies Critical Thinking.
- 3 Satisfies Diversity.
- 4 Satisfies Information Literacy.
- 5 Satisfies Oral Communication.
- 6 Satisfies Quantitative Literacy.
- 7 Satisfies Scientific Literacy.
- 8 Satisfies Social Sciences.
- 9 Satisfies Technological Competence.
- 10 Satisfies Writing.

Rider University Footnotes:

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

For transfer credit Bucks students must have a grade of “C” or higher. (No transfer credit will be accepted for any course with a grade of “C-“or below.)

Bucks student interested in the College of Continuing Studies (CCS) 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 Bucks, indicate course number)

FOR FURTHER INFORMATION, CONTACT:

**Advising & Transfer Center
Bucks County Community College
215.968.8031
transfer@bucks.edu**

**Transfer Admission
Rider University
609.896.5000 X 7159
admissions@rider.edu**

