

## TRANSFER ADVISING GUIDE

### Associate in Science (A.S.) Computer Science from County College of Morris to Computer Science (B.S.) at Rider University

<i>COUNTY COLLEGE OF MORRIS COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>	Cr
<i>Computer Science, A.S.</i>		<i>Computer Science, B.S. (120 Credits)</i>	
<b>First Semester</b>			
CMP 128 Computer Science I	3	CSC 110 Computer Science I	3
MAT 123 Precalculus	4	MTH 105 Algebra & Trigonometry	4
ENG 111 English Composition I	3	CMP 120 Expository Writing (Core)	3
Humanities Elective For transfer Rider suggests 6 credit of a language in sequence	3	Foreign Language <sup>†</sup>	3
Social Science Elective Rider suggests for transfer: Select one course from the following list:		Social Science & Communication Elective <sup>†</sup>	
ECO 211 Principles of Economics I <small>(Macroeconomics)</small>		ECO 200 Principles of Macroeconomics	
ECO 212 Principles of Economics II <small>(Microeconomics)</small>	3	ECO 201 Principles of Microeconomics	3
POL 111 American Government		POL 100 Introduction to American Politics	
SOC 120 Principles of Sociology		SOC 101 Sociological Imagination	
SOC 216 Cultural Anthropology		SOC 110 Cultural Anthropology	
	16		16
<b>Second Semester</b>			
CMP 129 Computer Science II (Java)	3	CSC 120 Computer Science II	3
CMP 230 Computer, Architecture & Assembly Language	3	CSC 220 Computer Organization & Architecture	3
ENG 112 English Composition II	3	CMP 125 Research Writing (Core)	3
MAT 131 Analytic Geometry & Calculus I	4	MTH 210 Calculus I	4
Diversity Elective For transfer Rider suggest 6 credits of a language in sequence	3	Foreign Language <sup>†</sup>	3
	16		16
<b>Third Semester</b>			
CMP 233 Data Structures & Algorithms	3	CSC 130 Algorithms & Data Structures	3
Laboratory Science Sequence; Rider suggests: PHY 130 Engineering Physics I (4)	4	Natural & Physical Science Elective <sup>†</sup> PHY 200 General Physics I (4) PHY 200L General Physics I Lab (0)	4
MAT 132 Analytic Geometry & Calculus II	4	MTH 211 Calculus II	4
CIS Elective	3	Free Elective <sup>†</sup> (Evaluated on a course by course basis)	3
	14/15		14
<b>Fourth Semester</b>			
Laboratory Science Sequence; Rider suggests: PHY 133 Engineering Physics II (3) PHY 134 Engineering Physics II Lab (1)	4	Natural & Physical Science Elective <sup>†</sup> PHY 201 General Physics II (4) PHY 201L General Physics II Lab (0)	4
CMP 246 Operating Systems	3	CSC 240 Operating Systems	3
CMP 280 Software Engineering	3	CSC 250 Secure Software Design	3
CIS Elective	3	Free Elective <sup>†</sup> (Evaluated on a course by course basis)	3
MAT 225 Discrete Mathematics	4	MTH 230 Discrete Mathematics	4
	17/18		17
	63/64		60

<p><b>FREE COURSE: Rider Course Option:</b> Please select one course from the list:</p> <p>CSC 310 Theory of Computation (3 CR) CSC 320 Human – Computer Interaction (3 CR) CSC 340 Cybersecurity Essentials (3 CR) CSC 350 Analysis of Algorithms 3 CR) CSC 380 Parallel and Distributed Systems (3 CR) CSC 410 Data Engineering (3 CR)</p>	<p>Following completion to 30 credits and the Rider Intent to Enroll Form and while a student at CCM; students have the option to take a <u>free</u> course at Rider that counts toward the Rider degree. The selected course allows the County College of Morris student to experience first-hand the academic environment at Rider.</p> <p>See CCM or Rider Transfer representatives. Contact information listed below.</p>	<p><b>3</b></p>
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**Rider University Footnotes:**

Ū - Students have a number of options to satisfy this requirement; courses will be evaluated on an individual basis. For transfer credit County College of Morris 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.)  
County College of Morris students interested in the College of Continuing Studies (CCS) at Rider 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 IN COMPUTER SCIENCE DEGREE AT RIDER UNIVERSITY\***

Course Number	Rider University Course Name or Core Area	Credits	Notes* (if course can be taken at CCM, indicate course number)
	The Rider University degree is 120 credits.		

**FOR FURTHER INFORMATION, CONTACT:**

Transfer Services  
Kari Hawkins  
Coordinator of Transfer Services  
County College of Morris  
973.328.5142  
[transferservices@ccm.edu](mailto:transferservices@ccm.edu)

Transfer Admission  
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Sr. Assistant Director of Transfer Admission  
Rider University  
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