

TRANSFER ADVISING GUIDE

Computer Science Transfer (A.S.) from Middlesex County College to Computer Science (B.S.) at Rider University					
<i>MIDDLESEX COUNTY COLLEGE COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>		Cr	
<i>Computer Science Transfer A.S.</i>		<i>Computer Science, B.S. (120 Credits)</i>			
First Semester					
CSC 161 Intro to Computer Science Using Java	4	CSC 110 Computer Science I		3	
ENG 121 English Composition I (GE, COM)	3	CMP 120 Expository Writing (Core)		3	
MAT 131 Analytic Geometry and Calculus I OR MAT 131A Analytic Geometry & Calculus I (Part A - 2CR) AND MAT 131B Analytic Geometry & Calculus I (Part B - 2 CR)	4	MTH 210 Calculus I		4	
General Education Science Elective (GE MST, 117+)	4	Natural & Physical Science Elective [‡]		4	
HED/PED	1/3	Not Transferrable		0	
	16/18			14	
Second Semester					
CSC 162 Object-Oriented Programming Using Java	4	CSC 120 Computer Science II		3	
ENG 122 English Composition II	3	CMP 125 Research Writing (Core)		3	
MAT 132 Analytic Geometry & Calculus II	4	MTH 211 Calculus II		4	
General Education Science Elective (GE MST 117+)	4	Natural & Physical Science Elective [‡]		3	
Technical Elective CSC 116 Intro to Information Systems Security OR CSC 200 Level Computer Science or Science Elective	3	No Equivalent (Rider's security class is an upper level course and not an introductory course)		0	
	18			13	
Third Semester					
CSC 263 Computer Organization & Architecture I	3	CSC 220 Computer Org. & Architecture		3	
CSC 236 Data Structures in Java	4	CSC 130 Data Structures & Algorithms		3	
MAT 206 Introduction to Discrete Mathematics	4	CSC 140 Discrete Structures		4	
General Education Social Science Elective (GE SS)	3	Social Science Elective [‡]		3	
SOC 121 Introduction to Sociology	3	SOC 101 Sociological Imagination (Core)		3	
	14			13	
Fourth Semester					
CSC 264 Computer Organization & Architecture II	3	CSC 220 Computer Org. & Architecture		3	
MAT 210 Linear Algebra	4	MTH 240 Linear Algebra		4	
GE Social Science Elective (GE SS) Suggest: POS 220 United States National Government (ECO-201; ECO-202; POS-121; SOC-123)	3	Social Science & Communication Elective [‡] POL 100 Intro to American Politics (Core) (ECO-200; ECO-201; POL-102; SOC-110) (Core)		3	
GE Humanities Elective (GE HUM) Suggest:	3	Foreign Language Core [‡]		3	

Modern language in sequence from (FRE, GER, ITA, SPA) (total of 6 credits required for Rider – CLAS)			
GE Humanities Elective (GE HUM) Modern language in sequence from (FRE, GER, ITA, SPA) (total of 6 credits required for Rider – CLAS)	3	Foreign Language Core ^U	3
	16		16
	61/63		56/60

<p><u>Rider Course Option:</u></p> <p>Please select <u>one</u> course from the list below:</p> <p>CSC 310 Theory of Computation (3) (Rider pre-requisite CSC-130 & CSC-140) (MCC pre-requisite CSC-236 & MAT-206)</p> <p>CSC 320 Human – Computer Interaction (3) (Rider pre-requisite CSC-130) (MCC pre-requisite CSC-236)</p> <p>CSC 340 Cybersecurity Essentials (3) (Rider pre-requisite CSC-130) (MCC pre-requisite CSC-236)</p>	<p>Following completion of 30 credits and the Rider Intent to Enroll Form and while a student at Middlesex; students have the option to take a course at Rider that counts toward the Rider degree. The course allows the student to experience first-hand the academic environment at Rider.</p> <p>See Middlesex & Rider Transfer Representatives for additional information.</p> <p>All contact information listed below.</p>	<p>3</p>
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Rider University Footnotes:

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

Middlesex students interested in the College of Continuing Studies (CCS) should contact that division directly.

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

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 COMPUTER SCIENCE AT RIDER UNIVERSITY*

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

FOR FURTHER INFORMATION, CONTACT:

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