

TRANSFER ADVISING GUIDE

Computer Science (A.S.) from Brookdale Community College to Computer Science (B.S.) at Rider University

<i>BROOKDALE COMMUNITY COLLEGE COURSE</i>	Cr	<i>RIDER UNIVERSITY COURSE/AREA SATISFIED</i>	Cr
<i>Computer Science, A.S.</i>		<i>Computer Science, B.S. (CLAS) (120 Credits)</i>	
First Semester:			
COMP 126 Computer Logic and Design	3	CSC 105 Fundamentals of Computer Science	3
COMP 171 Programming I	3	CSC 110 Computer Science I	3
MATH 171 Calculus I	4	MTH 210 Calculus I	4
ENGL 121 English Composition; The Writing Process	3	CMP 120 Expository Writing	3
Social Sciences Credits	3	Social Science Credits [∅]	3
	16		16
Second Semester:			
COMP 135 Computer Architecture Using Assembly Language	3	CSC 220 Computer Organization and Architecture (Rider pre-requisites CSC-130, CSC-140)	3
COMP 271 Programming II	3	CSC 120 Computer Science II (Rider pre-requisite CSC-110)	3
MATH 172 Calculus II	4	MTH 211 Calculus II	4
ENGL 122 English Composition: Writing & Research	3	CMP 125 Research Writing	3
Social Sciences or Humanities Credits	3	Social Science [∅]	3
	16		16
Third Semester:			
COMP 225 Operating Systems Technology	3	CSC 240 Operating Systems (Rider pre-requisite CSC-130)	3
COMP 226 Systems Analysis & Design	3	CSC 1XX Elective	3
COMP 269 Database Concepts	3	CIS 330 Database Systems (Rider Pre-requisite CIS-185)	3
PHYS 121 General Physics I	4	PHY 200 General Physics I (3) PHY 200L General Physics I Lab (1)	4
	13		13
Fourth Semester:			
COMP 228 Data Structures	3	CSC 130 Data Structures & Algorithms (Rider pre-requisite CSC-120)	3
COMP 296 Advanced Software Project	3	CSC 250 Software Security & Engineering (Rider pre-requisite CSC-130)	3
PHYS 122 General Physics II	4	PHY 201 General Physics II (3) PHY 201L General Physics II Lab (1)	4
Humanities Credits	3	LAS Elective [∅]	3
Elective Credits	2	LAS Elective [∅]	3
	15		15
	60		60

FREE COURSE: Rider Course Option: Please select one course from the list:	Free Rider Course Option:	3
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<p>MTH-212-Calculus III (4CR) (Rider pre-requisite MTH-211-Calculus II) (Brookdale pre-requisite MATH-172-Calculus II)</p> <p><u>OR</u></p> <p>CSC-230-Probability for Computer Software (3) (Rider prerequisite MTH-211) (Brookdale prerequisite MATH-172)</p> <p><u>OR</u></p> <p>For the Rider Course Option selection, the Brookdale student should contract the Transfer Counselor at Rider University who will provide contact information to the appropriate Rider faculty. The free course will then be selected in consultation with the Rider Computer Science Chairperson.</p>	<p>Following completion to 30 credits and the Rider Intent to Enroll Form and while a student at Brookdale students have the option to take a <u>free</u> course at Rider that counts toward the Rider degree. The selected course allows the Brookdale student to experience first-hand the academic environment at Rider.</p> <p>See Brookdale or Rider Transfer representatives.</p> <p>Contact information listed below.</p>
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Brookdale Community College Footnotes:

Rider University Footnotes:

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

For transfer the Brookdale student must have a grade of "C" or higher in all courses for transfer credit

Brookdale 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 Brookdale, indicate course number)

FOR FURTHER INFORMATION, CONTACT

Director, Transfer Resources & Articulation
Brookdale Community College
732.224.2015

Transfer Admission
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