TRANSFER ADVISING GUIDE

Computer Science (A.S.) from Mercer County Community College to Computer Science (B.S.) at Rider University			
MERCER COUNTY COMMUNITY COLLEGE COURSE *Computer Science, A.S.*	**Cr**	**RIDER UNIVERSITY COURSE/AREA SATISFIED** *Computer Science, B.S.* <u>*(120 Credits)*</u>	**Cr**
First Semester			
CMN 111 Speech: Human Communication	3	COM 201 Communication Theory	3
COS 101 Introduction to Computer Science	4	CSC 110 Computer Science I	3
CSW 100 College Success & Personal Wellness	2	NOT TRANSFERRABLE	0
ENG 101 English Composition I	3	CMP 120 Expository Writing (Core)	3
MAT 151 Calculus I	4	MTH 210 Calculus I	4
	16		13
Second Semester			
COS 102 Computer Science I (Algorithms & Prog.)	4	CSC 120 Computer Science II	3
ENG 102 English Composition II	3	CMP 125 Research Writing (Core)	3
MAT 152 Calculus II	4	MTH 211 Calculus II	4
Humanities General Education Elective	3	LAS Elective ℧	3
Social Science General Education Elective Suggest: SOC 101 Introduction to Sociology	3	SOC 101 Sociological Imagination (Core)	3
	17		16
Third Semester			
COS 231 Fundamentals of Computer Architecture & Assembly Language	4	CSC 240 Operating Systems	3
MAT 251 Calculus III OR MAT 201 Probability & Statistics for Science/Eng.	4	MTH 212 Calculus III OR MTH 120 Intro to Applied Statistics	4
Science Elective [1] Suggest: PHY 115 University Physics I	4	PHY 200 General Physics I (3) PHY 200L General Physics I Lab (1)	4
General Education Elective [2] Suggest: HIS 101 History of Western Civilization to 1648	3	HIS 150 World History to 1500 (Core)	3
	15		14
Fourth Semester			
COS 204 Discrete Mathematical Structures	4	CSC 140 Discrete Structures	3
COS 210 Computer Science II – Data Structures	4	CSC 130 Data Structures & Algorithms	3
Program Elective [2]	3/4	LAS Elective ℧	3/4
Science Elective [1] Suggest: PHY 215 University Physics II	4	Science Elective ℧ PHY 201 General Physics II PHY 201L General Physics II Lab	4
	15/16		13/14
	63/64		56/60

| FREE COURSE: Rider Course Option:

Please select one course from the following list: | **Rider Course Option:**
 Following completion of 30 credits and the Rider Intent to Enroll Form and while a student at Mercer; students have | |

CSC-250-Software Security Engineering (3) Rider pre-requisite CSC-140 Mercer pre-requisite COS-204 **OR** **CSC-340-Cybersecurity Essentials (3)** Rider pre-requisite CSC-130 Mercer pre-requisite COS-210	the option to take a <u>free</u> course at Rider that counts toward the Rider degree. This course allows the Mercer student to experience first-hand the academic environment at Rider. See Mercer or Rider Transfer Representatives for additional information. Contact information listed below.	**3**

Mercer County Community College Footnotes:

[1] Choose from PHY 101 and 102; PHY 115 and 215; BIO 101 and 102; CHE 101 and 102.

[2] Select course from the following general education categories: Social Science, Humanities, Historical Perspective, Diversity and Global Perspective.

[3] In consultation with an academic advisor, select from the course categories of COS, DMA, IST, or MAT.

† Some exemptions apply. Consult academic advisor for details

Rider University Footnotes:

σ Students have a number of options to fulfill this requirement; courses will be evaluated on an individual basis.

For transfer credit Mercer students must have a grade of "C" or better.

Students interested in the College of Continuing Studies should contact that division directly.

<u>Requirements are subject to change. This Advising Guide is best used in consultation with an advisor.</u>

<u>COURSES REMAINING FOR A BACHELOR OF SCIENCE DEGREE IN COMPUTER SCIENCE AT RIDER UNIVERSITY*</u>

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

FOR FURTHER INFORMATION, CONTACT

Transfer Services
Mercer County Community College
609-570-3397
transfer@mccc.edu

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