

# NEW RIVER COMMUNITY COLLEGE

2025-2026 CATALOG

Student \_\_\_\_\_

ID # \_\_\_\_\_

Advisor \_\_\_\_\_

## COMPUTER SCIENCE A.S. DEGREE

Sem. & Yr. <u>Taken</u>				Sem. & Yr. <u>Taken</u>			
<b>FIRST SEMESTER</b>				<b>THIRD SEMESTER</b>			
			<u>Grade</u>				<u>Grade</u>
_____	CSC 221	Intro to Problem Solving and Programming	3	_____	CSC 222	Object-Oriented Programming	4
_____	ENG 111	College Composition I	3	_____	ENG__	200-level Literature Requirement(s)	3
_____	HIS 101	Western Civilizations Pre-1600 CE (or HIS 121)	3	_____	_____	Natural Science with Lab <sup>3</sup>	4
_____	MTH 263	Calculus I	4	_____	_____	Computer Science Requirement(s) <sup>4</sup>	<u>3-5</u>
_____	_____	Social Science Requirement(s) <sup>1</sup>	3				14-16
_____	SDV 101	Orientation to Computer Science and Information Technology (or SDV 100)	<u>1</u>				
			17				
Sem. & Yr. <u>Taken</u>				Sem. & Yr. <u>Taken</u>			
<b>SECOND SEMESTER</b>				<b>FOURTH SEMESTER</b>			
			<u>Grade</u>				<u>Grade</u>
_____	ENG 112	College Composition II	3	_____	CSC 223	Data Structures and Analysis of Algorithms	4
_____	CSC 215	Computer Systems	3	_____	CSC 208	Introduction to Discrete Structures (or MTH 288)	3
_____	MTH 245	Statistics I	3	_____	CST 100	Principles of Public Speaking	3
_____	_____	Computer Science Requirement(s) <sup>4</sup>	3	_____	_____	Health or Physical Education Requirement(s)	1
_____	_____	Humanities / Fine Arts Requirement(s)	<u>3</u>	_____	_____	Natural Science with Lab <sup>3</sup>	<u>4</u>
			15				15

### TOTAL MINIMUM CREDITS – 61-63

<sup>1</sup> Students may choose from college approved Social Science Requirements in the catalog. The Social Science course cannot be a HIS course.

<sup>2</sup> Students may choose from college approved Humanities/Fine Arts Requirements in the catalog, with the exception of ENG options, to fulfill this requirement.

<sup>3</sup> The Natural Science requirements may be selected from the following: BIO 101-102; CHM 111-112, PHY 241-242, GOL 105. Students should determine transfer institution's requirements prior to selection. Some four-year degree programs require a two-semester sequence of a single laboratory science, chosen from BIO 101/102, CHM 111/112, PHY 241-242.

<sup>4</sup> Students may choose from college approved Computer Science Requirement(s): MTH 161/162, MTH 167, MTH 245, MTH 264, MTH 265, MTH 266, BIO 101/BIO 102, CHM 111/CHM 112, GOL 105, PHY 241/242, GOL 105, PHY 201, CSC 1XX, CSC 205, World Languages.

#### NOTES FOR TRANSFER TO RADFORD UNIVERSITY

For more details on RU degree requirements see RU IT Advising Guides at <http://www.radford.edu/content/csat/home/itec/programs/computer-science.html>