

NEW RIVER COMMUNITY COLLEGE

2024-2025 CATALOG

Student _____

ID # _____

Advisor _____

**INFORMATION TECHNOLOGY
A.A.S. DEGREE
Cyber Security Specialization**

<u>Sem. & Yr. Taken</u>	<u>FIRST SEMESTER</u>		<u>Grade</u>	<u>Sem. & Yr. Taken</u>	<u>THIRD SEMESTER</u>		<u>Grade</u>
_____	CSC 110	Principles of Computer Science	3 _____	_____	ITN 170	Linux System Administration	3 _____
_____	CSC 221	Introduction to Problem Solving and Programming	3 _____	_____	ITN 261	Network Attacks, Computer Crime, and Hacking	3 _____
_____	ITN 101	Intro to Network Concepts	3 _____	_____	ITN 262	Network Communication, Security, and Authentication	3 _____
_____	ENG 111	College Composition I	3 _____	_____	CSC 222	Object-Oriented Programming	4 _____
_____	SDV 101	Orientation to Computer Science and Information Technologies (or SDV100)	1 _____	_____	ITP 270	Programming for Cybersecurity	4 _____
_____	_____	Health or Physical Education Requirement(s)	1 _____				17
_____	_____	Social Science Requirement Requirement(s) ²	3 _____				
			17				
<u>Sem. & Yr. Taken</u>	<u>SECOND SEMESTER</u>		<u>Grade</u>	<u>Sem. & Yr. Taken</u>	<u>FOURTH SEMESTER</u>		<u>Grade</u>
_____	CST 100	Principles of Public Speaking	3 _____	_____	ITN 106	Microcomputer Operating Systems	4 _____
_____	ITD 110	Web Page Design I	3 _____	_____	ITN 257	Cloud Computing Infrastructure & Services	3 _____
_____	ITN 200	Administration of Network Resources	3 _____	_____	ITN 266	Network Security Layers	3 _____
_____	ITN 260	Network Security Basics	3 _____	_____	ITP 251	Systems Analysis and Design (or ITP 290 or ITP 297)	3 _____
_____	MTH 154	Quantitative Reasoning ¹	3 _____	_____	_____	Humanities/Fine Arts Requirement(s) ²	3 _____
			15	_____	SDV 106	Preparation for Employment	1 _____
							17

TOTAL MINIMUM CREDITS FOR A.A.S. DEGREE – 66

¹ Students may choose MTH 161, MTH 167, MTH 263 as an alternative to MTH 154.

² Students may choose from college approved Social Science or Humanities/Fine Arts Requirements in the catalog.