

NEW RIVER COMMUNITY COLLEGE

2026-2027 CATALOG

Student _____

ID # _____

Advisor _____

INFORMATION TECHNOLOGY, A.A.S. Degree NETWORKING AND CYBERSECURITY SPECIALIZATION

Sem. & Yr. Taken	FIRST SEMESTER	Grade	Sem. & Yr. Taken	THIRD SEMESTER	Grade
_____	CSC 110 Principles of Computer Science	3 _____	_____	ITN 106 Microcomputer Operating Systems	4 _____
_____	CSC 221 Intro to Problem Solving and Programming	3 _____	_____	ITN 170 Linux System Administration	3 _____
_____	ITN 101 Intro to Network Concepts	3 _____	_____	ITN 262 Network Communication, Security, and Authentication	3 _____
_____	ITN 260 Network Security Basics	3 _____	_____	CSC 222 Object-Oriented Programming	4 _____
_____	ENG 111 College Composition I	3 _____	_____	ITP 270 Programming for Cyber Security	4 _____
_____	SDV 101 Orientation to Computer Science and Information Technologies (or SDV100)	1 _____			18
_____	_____ Health or Physical Education Requirement(s)	1 _____			
		17			
Sem. & Yr. Taken	SECOND SEMESTER	Grade	Sem. & Yr. Taken	FOURTH SEMESTER	Grade
_____	CST 100 Principles of Public Speaking	3 _____	_____	ITN 257 Cloud Computing: Infrastructure and Services	3 _____
_____	ITN 107 Personal Computer Hardware and Troubleshooting	4 _____	_____	ITN 266 Network Security Layers	3 _____
_____	ITN 200 Administration of Network Resources	3 _____	_____	ITP 251 Systems Analysis and Design (or ITP 290 or ITP 297)	3 _____
_____	ITN 261 Network Attacks, Computer Crime, and Hacking	3 _____	_____	_____ Humanities/Fine Arts Requirement(s) ²	3 _____
_____	MTH 154 Quantitative Reasoning ¹	3 _____	_____	SDV 106 Preparation for Employment	1 _____
		16	_____	_____ Social Science Requirement(s) ²	3 _____
					16

TOTAL MINIMUM CREDITS FOR A.A.S. DEGREE – 67

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.