

Information Technology AAS Degree

Cyber Security Specialization

Advising Guide Track Sheet (Updated 02/20/17)

NEW RIVER
Community College
2016-2017 Catalog

Student _____ ID # _____
IT Faculty Advisor _____ Date _____
Email: _____ Cell : _____
Plan to Transfer to a University? Yes or No ___ Where? _____

Job Objective: Entry level Computer Security or Information Security Specialist. If you want to protect computer networks and information and help safeguard digital files and vital electronic infrastructure, then earn this degree. This degree includes 15 hours of specialization, 30 hours of CS/IT and 20 hours of general education.

Planned	Actual	First Semester – Fall 20__		Certifications
_____	_____	CSC 110	Intro to Computing	3
_____	_____	CSC 200	Introduction to Computer Science	4
_____	_____	ITE 105	IT Careers & Cyber Ethics	2
_____	_____	* ITN 261	Network Attacks, Computer Crime, and Hacking	3
				_ MTA Security Fundamentals
_____	_____	ENG 111	College Composition I (or ENG 115**)	3
_____	_____	SDV 100	College Success Skills	1
				<u>16</u>
Planned	Actual	Second Semester – Spring __		Certifications
_____	_____	ITD 110	Web Page Design I	3
_____	_____	ITN 106	Microcomputer Operating Systems	4
_____	_____	MTH 151	Math for the Liberal Arts (or MTH 115* or MTH 163 Pre-calculus)	3
_____	_____	PSY 126**	Psychology for Business and Industry (or PSY 200 Principals of Psychology)	3
_____	_____	* ITN 260	Network Security Basics	3
				_ Security + <u>16</u>
Planned	Actual	Third Semester – Fall 20__		Certifications
_____	_____	* ITN 262	Network Communication, Security and Authentication	3
_____	_____	ITN 107	PC Hardware & Troubleshooting	4
_____	_____	ITP 112	Visual Basic.Net I (or ITP 134 C++ or EGR 126)	3-4
_____	_____	ITN 101	Intro to Network Concepts Health or PE	3 1
_____	_____	2 CST 137**	Oral Interpretation (or CST 100 Public Speaking + Humanities/FineArts ²)	3
				_ MTA Networking Fundamentals AND _ MTA Win Server Fundamentals <u>16-17</u>
Planned	Actual	Fourth Semester – Spring 20__		Certifications
_____	_____	BUS 116	Entrepreneurship (or ACC 211 or BUS 165 or MKT 228)	3-4
_____	_____	* ITN 200	Admin of Network Resources	3
_____	_____	* ITN 266	Network Security Layers	3
_____	_____	ITP 251	Systems Analysis & Design (or ITP 290 Internship or ITP 297 Co-op)	3
_____	_____	1 _____	Social Science Elective	3
				<u>15 - 16</u>
		TOTAL MINIMUM CREDITS		65-67

* indicates a specialization course

** indicates a general education course NOT designed to transfer to a 4 year university

Note (1) Students may choose from college approved social science electives from NRCC 2016-17 catalog.

Note (2) Students may choose from college approved humanities/fine arts electives from NRCC 2016-17 catalog.