

Program:	CYB.DEF.CERT Cyber Defense Certificate (40 credits)	Division:	Business
Student:		ID#:	Catalog Year: 2024-2025

SEMESTER 1 – Fall (13 credits)							
	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
M	CYB-100	Networking I: Networking Fundamentals	3	X	Petition only: must be signed by Brian Schell	Fall 1 & OL	
M	CYB-105	Information Security Fundamentals	3	X	CYB-100 (co-requisite) Petition only: must be signed by Brian Schell	Fall 1 & OL	
M	CYB-200	Networking II: Switching & Routing Fundamentals	4	X	CYB-100	Fall 2 & OL	
M	CYB-110	Windows Server I: Installing and Configuring	3	X	CYB-100	Fall 2 & OL	

SEMESTER 2 – Spring (12 credits)							
	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
M	CYB-115	Linux Server I: Fundamentals	3	X	Petition only: must be signed by Brian Schell	Spring 1 & OL	
M	CYB-120	Scripting Fundamentals	3	X	CYB 115 (co-requisite)	Spring 2 & OL	
M	CYB-215	Linux Server II: System Administration	3	X	CYB-115	Spring 2 & OL	
M	CYB-210	Windows Server II: System Administration	3	X	CYB-110	Spring 1 & OL	

SUMMER SEMESTER (8 credits)							
	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
M	CYB-220	Intrusion Detection/Prevention Systems Fund.	4	X	CYB-200, CYB-105	Summer & OL	
M	CYB-125	Networking Security I: Fundamentals	4	X	CYB-220 (co-requisite)	Summer & OL	

SEMESTER 3 – Fall (7 credits)							
	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
M	CYB-230	Ethical Hacking & Systems Defense	4	X	CYB-100, 105, 110, 115, 120, 125, 200, 210, 215, 220	Fall 1 & OL	
M	CYB-290	Co-Op/Internship	3		By Petition (optional)		

\*Sections of these courses offered in the Honors Program, check <http://www.racc.edu/Academics/Honors/courses.aspx> for details.

**Advisor's Contact Information:**

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Date created: February 2018	Updated: June 2024	All = Fall/Spring/Summer; OL = Online M = Major; E = Elective; G = GenEd
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