



Program: Cyber Defense Certificate (37 credits)		Division: Business	
Student:	ID#:	Catalog Year 2022-2023	

SEMESTER 1 – Fall (13 credits)							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
	CYB-100	Networking I: Networking Fundamentals	3	X	Petition only: must be signed by Assoc. Dean	Fall1 & OL	
	CYB-105	Information Security Fundamentals	3	X	CYB-100 (co-requisite) Petition only: must be signed by Linda Bell	Fall1 & OL	
	CYB-200	Networking II: Switching & Routing Fundamentals	4	X	CYB-100	Fall2 & OL	
	CYB-110	Windows Server I: Installing and Configuring	3	X	CYB-100	Fall2 & OL	
SEMESTER 2 – Spring (12 credits)							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
	CYB-115	Linux Server I: Fundamentals	3	X	Petition only: must be signed by Linda Bell	Spring1 & OL	
	CYB-120	Scripting Fundamentals	3	X	CYB 115 (co-requisite)	Spring1 & OL	
	CYB-215	Linux Server II: System Administration	3	X	CYB-115	Spring2 & OL	
	CYB-210	Windows Server II: System Administration	3	X	CYB-110	Spring2 & OL	
SUMMER SEMESTER							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	
	CYB-220	Intrusion Detection/Prevention Systems Fund.	4	X	CYB-200, CYB-105	Summer & OL	
	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.	
	CYB-230	Ethical Hacking & Systems Defense	4	X	CYB-200, 210, 215, 220, 125	Fall1 & OL	
	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:

Name: Linda Bell, Assoc. Dean, Business Division

Email: LBell@racc.edu

Phone: 610-372-4721, ext. 5168

Office: Weitz Hall, Room 218

Date created: February 2018	Updated: March 2021	All = Fall/Spring/Summer OL = Online
-----------------------------	---------------------	---