



<b>Program: Cyber Defense Certificate (37 credits)</b>		<b>Division: Business</b>	
Student:	ID#:	Catalog Year 2019-2020	

<b>FALL SEMESTER 1</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	CYB-100	Networking I: Networking Fundamentals	3	X		Fall1 & OL	
	CYB-105	Information Security Fundamentals	3	X	CYB-100 (co-requisite)	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	
<b>SPRING SEMESTER 1</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	CYB-115	Linux Server I: Fundamentals	3	X		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	
<b>SUMMER SEMESTER</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	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	
<b>FALL SEMESTER II</b>							
√	Course#	Course Name	Cr.	Req.	Pre-requisites	Sem.	Grade
	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.



^Code	This course fulfills the Core Competency for:
WC/IL	Written Communication/Information Literacy
OC	Oral Communication
QR/CA	Quantitative Reasoning/Critical Analysis
CU	Cultural Understanding
AU	Aesthetic Understanding
SR	Scientific Reasoning
TC	Digital/Technical Competence

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