

<b>CCBC - Information Systems Security Degree</b>	
<b>General Ed Requirements</b>	
	<b>Credits</b>
CINS 120: Diversity in a Technological Society	3
ENGL 101: College Composition I	3
SPCM 101: Introduction to Speech Communications	3
<b>General Ed Electives</b>	
	<b>Credits</b>
ACDV 101: Transitioning to College	1
Arts and Humanities or Social and Behavioral Sciences	3
Social and Behavioral Sciences	3
Biological and Physical Sciences	3 or 4
Mathematics	3 or 4
<b>Total General Ed Credits</b>	
	<b>22-24</b>
<b>Program Requirements</b>	
	<b>Credits</b>
CINS 142: Introduction to Linux/UNIX	3
DCOM 101: Introduction to Data Communications	3
DCOM 211: Introduction to Firewalls	4
DCOM 212: Introduction to Intrusion Detection/Prevention Systems	4
DCOM 214: Operating Systems Security	4
DCOM 215: Ethical Hacking and Systems Defense	4
DCOM 217: Cisco I: Network Fundamentals	4
DCOM 218: Cisco II: Routing Protocols and Concepts	4
DCOM 219: Cisco III: LAN Switching and Wireless	4
DCOM 220: Cisco IV: Accessing the WAN	4
DCOM 252: Advanced Protocols	3
DCOM 258: Introduction to Information Security	3
<b>Total Program Requirement Credits</b>	
	<b>44</b>
<b>Total Credits</b>	
	<b>66-68</b>
<b>Course</b>	<b>Pre-Requisite</b>
CINS 142	DCOM 101
DCOM 101	CINS 101 (Co-Requisite), or consent of Program Coordinator
DCOM 211	DCOM 220
DCOM 212	DCOM 252
DCOM 214	CINS 142 or consent of Program Coordinator
DCOM 215	Everything
DCOM 217	DCOM 101 (Co-Requisite)
DCOM 218	DCOM 217
DCOM 219	DCOM 218
DCOM 220	DCOM 219
DCOM 252	DCOM 101
DCOM 258	DCOM 101 and PHIL 250 (only for Information Systems Security majors)
<b>Contact: Casey W. O'Brien (443.840.2835 or <a href="mailto:cobrien@ccbcmd.edu">cobrien@ccbcmd.edu</a>)</b>	

CCBC - Information Systems Security Degree							
		First Year			Second Year		
Credit Hours		Fall	Spring	Summer	Fall	Spring	Summer
ACDV: Transitioning to College	1	<b>ACDV (1)*</b> Transitioning to College	<b>DCOM 219 (4)</b> Cisco III: LAN Switching and Wireless	<b>CINS 142 (3)</b> Intro. to Linux/UNIX	<b>DCOM 211 (4)</b> Intro. to Firewalls	<b>DCOM 214 (4)</b> Operating Systems Security	<b>Social and Behavioral Sciences (3)</b>
Art and Humanities or Social and Behavioral Sciences	3	<b>DCOM 101 (3)</b> Introduction to Data Communications	<b>DCOM 220 (4)</b> Cisco IV: Accessing the WAN	<b>Mathematics (3-4)</b>	<b>DCOM 212 (4)</b> Intro. to Intrusion Detection/Prevention Systems	<b>DCOM 215 (4)</b> Ethical Hacking and Systems Defense	<b>SPCM 101 (3)</b> Fundamentals of Speech Communication
Biological and Physical Sciences	3-4	<b>DCOM 217 (4)</b> Cisco I: Network Fundamentals	<b>DCOM 252 (3)</b> Advanced Protocols	<b>6-7 Credits</b>	<b>CINS 120 (3)**</b> Diversity in a Technological Society	<b>Arts and Humanities or Social and Behavioral Sciences (3)</b>	<b>6 Credits</b>
Diversity and IT Literacy/Technology: CINS 120	3	<b>DCOM 218 (4)</b> Cisco II: Routing Protocols and Concepts	<b>DCOM 258 (3)</b> Intro. to Information Security		<b>ENGL 101 (3)</b> College Composition	<b>Biological and Physical Sciences (3-4)</b>	
Gen Ed Requirements: SPCM 101 and ENGL 101	6	<b>12 Credits</b>	<b>14 Credits</b>		<b>14 Credits</b>	<b>14-15 Credits</b>	
Mathematics	3-4						
Social and Behavioral Sciences	3						
<b>Total Gen Ed Credits</b>	<b>22-24</b>						
<b>Total DCOM/CINS Credits</b>	<b>44</b>						
<b>Total Credit Hours</b>	<b>66-68</b>						
*Required of students taking college classes for the first time.							
**Counts as both General Education Information Literacy/Technology and Diversity requirements.							
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<b>CCBC - Information Systems Security Certificate</b>				
<b>First Year</b>			<b>Second Year</b>	
<b>Fall</b>	<b>Spring</b>	<b>Summer</b>	<b>Fall</b>	<b>Spring</b>
<b>DCOM 217 (4)</b> Cisco I: Network Fundamentals	<b>DCOM 219 (4)</b> Cisco III: LAN Switching and Wireless	<b>CINS 142 (3)</b> Intro. to Linux/UNIX	<b>DCOM 211 (4)</b> Intro. to Firewalls	<b>DCOM 214 (4)</b> Operating Systems Security
<b>DCOM 218 (4)</b> Cisco II: Routing Protocols and Concepts	<b>DCOM 220 (4)</b> Cisco IV: Accessing the WAN	<b>3 Credits</b>	<b>DCOM 212 (4)</b> Intro. to Intrusion Detection/Prevention Systems	<b>DCOM 215 (4)</b> Ethical Hacking and Systems Defense
<b>DCOM 101 (3)</b> Intro. To Data Communications	<b>DCOM 252 (3)</b> Advanced Protocols		<b>8 Credits</b>	<b>8 Credits</b>
<b>11 Credits</b>	<b>DCOM 258 (3)</b> Intro. to Information Security			
	<b>14 Credits</b>			
<b>TOTAL CREDIT HOURS: 44</b>				
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