

**Degree Offered**

Associate in Applied Science  
Network Management/Cyber Security

**Curriculum Code: 566****Program Information**

This program is designed to prepare students for technical positions in cyber security and cyber security related environments.

**When You Graduate**

AAS programs are designed for students who want to enter a career directly after graduating but those who change their plans find that most of their CCC credits transfer to four-year colleges.

Students are encouraged to visit the NJ transfer website: [www.njtransfer.org](http://www.njtransfer.org) for transfer course equivalencies.

The latest technology and learning tools support your education for a wide range of employment opportunities.

**Earn a BA, MA at CCC**

Once you graduate from Cumberland County College, you can earn a bachelor's and even a master's degree at the on-campus Shirlee and Bernard Brown University Center. CCC's University Center houses bachelor's and master's degree programs offered by Fairleigh Dickinson University, Georgian Court University, Montclair State University, Rowan University and Wilmington University.

[www.cccnj.edu](http://www.cccnj.edu)

# Network Management/ Cyber Security

**Program Requirements (46 credits)****Credits**

<input type="checkbox"/>	BU 114	Business Internship <b>or</b>	
	BU 115	Introduction to Business	3
<input type="checkbox"/>	CS 170	PC Services & Support	6
<input type="checkbox"/>	CS 175	Core Client Operating System	3
<input type="checkbox"/>	CS 183	Internet Development	3
<input type="checkbox"/>	CS 217	Networking Fundamentals	4
<input type="checkbox"/>	CS 226	Network Infrastructure Implementation	4
<input type="checkbox"/>	CS 229	Linux Installation & Configuration	3
<input type="checkbox"/>	CS 231	Network Infrastructure Design	3
<input type="checkbox"/>	CS 233	Networking Hardware & Routing	4
<input type="checkbox"/>	CS 240	Security+	3
<input type="checkbox"/>	CS 241	Computer Forensics	3
<input type="checkbox"/>	CS 242	Principles of Information Security	3
<input type="checkbox"/>	CS 275	Core Server Operating System	4

**General Education Requirements (21–23 credits)**

<input type="checkbox"/>	EN 101	English Composition	3
<input type="checkbox"/>	EN 102	English Composition II <b>or</b>	
	SP 203	Effective Speech	3
<input type="checkbox"/>	Math Elective	(MA 109 or higher*)	3/4
<input type="checkbox"/>	Math Elective	(MA 109 or higher*)	3/4
<input type="checkbox"/>	Diversity Elective		3
<input type="checkbox"/>	Humanities Elective		3
<input type="checkbox"/>	Social Sciences Elective		3

**Total Credits****67/69****\*Excluding MA 115****Upon completion of this program, students should be able to:**

- Demonstrate Network Management Theory as it applies to Cyber Security.
- Demonstrate practical ability to apply Network Management and Cyber Security concepts.
- Demonstrate practical ability to configure operating systems.