

**Rowan College of South Jersey
Associate in Science (A.S.) in
Cybersecurity
Transfer Program Requirements
Suggested Four Semester Sequence of Courses**

The Cyber Security field is listed as one of the fastest growing fields by the U.S. Department of Labor Statistics. This program is designed to be approachable, practical, and a good foundation for further study. The Associate in Science (AS) degree in Cyber Security is designed to provide two academic years of college study for transfer to a four-year college or university. Students who have completed the program will be able to:

- Identify security risks and summarize possible remedies.
- Use evidence-gathering protocols to locate, recover, and analyze digital evidence using forensics techniques and best practices for evidence recovery.
- Install and configure a Linux and/or Windows system and identify security risks and possible remedies
- Apply for least one industry-recognized certification, such as CEH Certified Ethical Hacker), CompTIA CSA (Cybersecurity Analyst), CompTIA A+ (Hardware repair).

First Year

Fall Semester

		Credits
___ IT 116	Workplace Ethics	1
___ EN 101	English Composition I	3
___ MA 110	College Algebra	3
___	General Education History Elective	3
___	General Education Humanities Elective	3
		13

Spring Semester

___ CS 275	Core Server Operating System	4
___ CS 229	Linux Installation & Configuration	3
___ EN 102	English Composition II	3
___ MA 205	Statistics I	3
___	General Education Social Science Elective OR General Education Humanities Elective	3
		16

Second Year

Fall Semester

___	General Education Lab Science Elective	4
___ CS 242	Principles of Information Security	3
___ CS 226	Network Infrastructure Implementation	4
___ CS 241	Computer Forensics	3
___	General Education Social Science Elective	3
		17

Spring Semester

___ CS 212	C ++ Programming	4
___ CS 240	Security +	3
___ CS 265	Ethical Hacking	4
___	General Education Diversity Elective	3
		14

Total Minimum Credits: 60

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Required Core and Elective Courses

<u>Communications</u>		<u>Credits</u>
EN 101	English Composition I	3
EN 102	English Composition II	3
<u>Mathematics</u>		
MA 110	College Algebra	3
MA 205	Statistics I	3
<u>Science</u>		
	General Education Lab Science Elective	4
<u>Social Science/Humanities</u>		
	General Education Social Science Elective	3
	General Education Humanities Elective	3
	General Education Social Science Elective OR	
	General Education Humanities Elective	3
<u>History</u>		
	General Education History Elective.	3
<u>Global and Cultural Awareness</u>		
	General Education Diversity Elective	3
<u>Program Courses</u>		
IT 116	Workplace Ethics	1
CS 212	C ++ Programming	4
CS 226	Network Infrastructure Implementation	4
CS 229	Linux Installation & Configuration	3
CS 240	Security +	3
CS 241	Computer Forensics	3
CS 242	Principles of Information Security	3
CS 265	Ethical Hacking	4
CS 275	Core Server Operating System	4
 Total Minimum Credits		 60