Cybersecurity (A.A.S. Degree)

REMEDIAL SEQUENCE (if required)

☐ ESL 1 (8) ▸▸	☐ ESL 2 (6) ▸▸	☐ ESL 3 (6) ▸▸	☐ ENG 9 (4)

☐ ENG 1[1] (4) ▸▸	☐ ENG 2[1] (4)

☐ RDL 1[1] (4) ▸▸	☐ RDL 2[1] (6)

☐ MTH 1[2] (4) ▸▸	☐ MTH 5[2] (6) ▸▸	☐ MTH 6[2] (6)

☐ CHM 2 (4)

GRADUATION REQUIREMENTS

☐ GPA ≥ 2.0	☐ Writing Intensive 1	☐ Writing Intensive 2

FRESHMAN SEMINAR

☐ FYS11[4]	First Year Seminar	

[1]ENG 1/ENG 2 & RDL 1/RDL 2 are no longer offered. Students with ENG/RDL developmental need will now enroll in corequisite course ENG 100 (if English Proficiency Index is 0-49), **OR** ENG 110 (if English Proficiency Index is 50-64).

[2]MTH 1/MTH 5/MTH 6 are no longer offered. STEM students who are CUNY Math Proficient, or have Math developmental need will now enroll in corequisite course MTH 28.5.

[3]For MTH 28 enrollment, CUNY Math Proficient STEM students will also have to meet one of the following criteria:

Mathematics high school GPA of at least 70 and successful completion of a course beyond Algebra 1, **OR** New York State Regents Trigonometry Score of at least 65, **OR** New York State Regents Common Core Algebra 2 Score of at least 65.

[4] It is highly recommended that students take FYS 11 in their first or second semester. Students must take FYS 11 prior to earning 24 equated or degree credits. Students who have earned 24 or more credits are permitted to use the one credit as a free elective.

[5]HIS 10 or HIS 11 is strongly recommended. HIS 11 is for students who have also enrolled in ENG 110 as a corequisite course.

[6]Students who are planning to transfer to senior college programs in Cybersecurity/Networking and similar may complete MTH 30 Pre-Calculus Mathematics in place of PHY 12. It is recommended that students consult with their advisor and review senior college program requirements to determine the best course to take to optimize transfer credit.

TWO-YEAR ACADEMIC PLAN

SEMESTER I Freshman

		Credits
☐ ENG 100[1] **OR** ENG 110[1] **OR** ENG 111	English Composition I[1] **(Required Core A)**	3
☐ CSN 100	Introduction to Cybersecurity **(Major Requirement)**	3
☐ CSN 105	Computer Hardware and Software **(Major Requirement)**	3
☐ MTH 28[2,3,] **OR** MTH 28.5	College Algebra and Elementary Trigonometry **OR** Corequisite **(Required Core B)**[2,3,4]	3
☐ FYS 11[4]	First Year Seminar[4] **(Major Requirement)**	1
☐ PEA	Physical Education **(Major Requirement)**	1
	Subtotal:	**14**

SEMESTER II Freshman

☐ ENG 112 **OR** ENG 113 **OR** ENG 114 **OR** ENG 115 **OR** ENG 116	English Composition II **(Required Core A)**	3
☐ PHY 11	College Physics I **(Required Core C)**	4
☐ COMM 11	Fundamentals of Interpersonal Communication **(Required Flexible Core D)**	3
☐ CSN 110	Network Fundamentals **(Major Requirement)**	3
☐ CSN 130	Network Operating Systems I **(Major Requirement)**	3
	Subtotal:	**16**

SEMESTER III Sophomore

☐ Flexible Core A-E[5]	Select **ONE** course from any Flexible Core A-E[5]	3
☐ CSN 120	CSN 120 Network Switching and Routing **(Major Requirement)**	3
☐ CSN 132	CSN 132 Network Operating Systems II **(Major Requirement)**	3
☐ CSN 140	Network Scripting **(Major Requirement)**	4
☐ CSN 170	Internet and Cloud Computing **(Major Requirement)**	3
	Subtotal:	**16**

SEMESTER IV Sophomore

☐ PHY 12[6]	College Physics II[6] **(Required Flexible Core E)**	4
☐ CSN 150	Cybersecurity **(Major Requirement)**	4
☐ CSN 160	Ethical Hacking and Network Penetration Testing **(Major Requirement)**	3
☐ CSN 190	Cybersecurity Project **(Major Requirement)**	1
☐ ART 10 **OR** MUS 10	Art Survey **OR** Music Survey **(Major Requirement)**	1
☐ Free Elective	Free Elective to complete 60 credits	1
	Subtotal:	**14**
	TOTAL:	**60**

BRONX COMMUNITY COLLEGE