

# Cyber Security Draft Scope and Sequence - 5 year

	Year 1		Year 2		Summer	Year 3		Summer	Year 4		Summer	Year 5	
	Fall	Spring	Fall	Spring		Fall	Spring		Fall	Spring		Fall	Spring
English	ELA 9		ELA 10			ELA 11*			Freshman English ENG101	Freshman English ENG102			
Math	Algebra 1*		Algebra 2*			MAT 121 College Algebra	MAT ___ College Trig		AP Calculus				
Science	Environmental Science		Earth Science*			AP Physics 1						CRJ 111 Criminology	CSS 226 Cyber Crime Invest.
SS	US History*		Global Studies 1			Global Studies 2*			Part in Gov	Economics		CSS 223	CSS 224 Network Security
Tech/College		CCS 100 Career Planning CCS 101 College Success Seminar	Computer Hardware and Software CIT 112	Intro to Criminal Justice CRJ 101	CIT 118 Operating Systems	Unix/Linux CIT 217	CIT 100 Computer Literacy	Data Comm and Network CIT 105	Networking 1 CIT 116	Psychology elective	Information Security CFR 221 Computer Forensics CIT 203 Networking 2	CSS 224 Network Perimeter Security CFR 222 Network Forensics	
Foreign Lang		Student Choice?/Online			Student Choice?/Online			Student Choice?/Online					
	PE/Health	PE	PE		PE	PE		College PE	College PE				
Art	Design and Draw for Production (DDP)												
Workplace Learning	Exploring Computer Science	Problem Solving in the Workplace			Work Readiness for IT fields		Internship	Leadership in the Workplace		Workplace Experiences			
Enrichment/Acceleration/Remediation													
	HS credits 1 ELA 1 math 1 SS 1 Science 3 elective 1 PE/Health	HS credits 1 ELA 1 math 1 Sci 1 SS 1 LOTE 2+ elect ½ PE	Coll credits ?		HS credits 1 ELA 1 math 1 Sci 1 SS 1LOTE ½PE 2+ elect	Coll credits 13	Coll credits 3	HS 1 ELA 1 SS 2 Elec ½PE	Coll Credits 16	Coll Credits 3	HS 3.5 Elec	Coll 21	

\*Regents Exam Course

During the summer, coursework will be designed and offered to meet the needs of the students. This will include opportunities for remediation as well as acceleration through high school and/or college coursework.

Courses have been offered during the summer in Newburgh.

Courses have been offered both virtually (online) and in Newburgh during the summer.

Course has been offered virtually (online) during the summer.