

Articulated Degree Plan- Herkimer College & Charter Oak State College				
College Name: Herkimer College		Degree: Associate in Science		Major: Cyber Security/Digital Forensics
Charter Oak State College		Degree: Bachelor of Science		Major: Cybersecurity
Charter Oak Degree Requirements		Course Options		
Curriculum Requirements	Credit Hours Required	Herkimer College	Charter Oak Course Options	Total Credit
GENERAL EDUCATION	40			Total
Cornerstone Seminar/Info Literacy	3		IDS 101 Cornerstone (required course)	3
Oral Communication	3		COM 101	3
Written Communication 1	3	EN 111 College Writing		3
Written Communication 2	3	EN 112 College Literature		3
Arts and Humanities	3	English/Humanities Elective		3
Historical Knowledge	3		various HIS	3
Quantitative Reasoning	3	MA 127 Math Statistics I		3
Scientific Reasoning w/Lab	4	Natural Science Elective w/lab		4
Scientific Knowledge/Understanding	3		CRJ 210	3
Social/Behavior Science	3	SS 151 Introductory Psychology		3
Digital/Tech Literacy	3		ITE 101	3
Diversity, Equity, Inclusion	3		IDS 125	3
Innovative Thinking	3		IDS 211	3
MAJOR PLAN	45			
CSS 101 Cybersecurity Fundamentals	3	CJ 243 Intro to Information Security		3
Operating Systems & Asset Security	3			3
Insident Response	3			3
ITE 115 Program Logic/Design with Python	3	CJ 245 Python Programming/Cybersecurity		3
ITE 220 Networking & Communications	3	CJ 273 Network Defense & Countermeasures		3
CSS 146 Legal Issues In Information Security	3		CSS 146	3
CSS 345 Auditing IT Infrastructure/Compliance	3		CSS 345	3
CSS 346 Access Controls, Authentication/PKI	3		CSS 346	3
CSS 435 Fund of Network Security	3		CSS 435	3
CSS 436 Syst Forensics, Investigations/Response	3	CJ 262 Adv Computer Forensics/Investigations		3
CSS 437 Hacker Tech, Tools & Incident Handling	3		CSS 437	3
CSS 438 Security Strat Web Apps/Social Netwrg	3		CSS 438	3
CSS 347/348 Security Strategies Linux/Windows	3		CSS 347/348	3
CSS 448 Cyberwarfare	3		CSS 448	3
CSS 490 Cybersecurity Capstone	3		CSS 490	3
				Total
LIB ARTS ELECTIVES	varies			
		CJ 120 Intro to Criminal Justice		3
		MA 124 or above		3
		SS 161 Introductory Sociology		3
		SS 162 Social Problems		3
		SS 246 Constitutional Law		3
FREE ELECTIVES	varies			
		SS 136 Criminology		3
		CJ 124 Criminal Procedure Law		3
		CJ 241 Understanding/Managing Cybercrime		3
		CJ 274 AS Capstone		3
		Herkimer or COSC (UL) elective credits		8
TOTAL REQUIRED HOURS	120			120
61 credits in Transfer - Student is subject to all academic and administrative policies in effect at the time of matriculation at Charter Oak				
Grades of 'C-' and below are not accepted as part of the Major nor Written Communication category.				
FS 100 & Phys Ed credits not needed for COSC degree, no transfer				

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