

Associate of Applied Science Degree in Cybersecurity – 2 YR Pathway

✓	Course	Title	Cr	Offered	Pre-Req	Mode	Other Options	Notes
First Semester								
	ENG 111	College Composition I	3	F, SP, SU	*	F, O, H		
	CST 110	Intro to Speech Communications	3	F, SP, SU	*	F, O		
	ITP 100	Software Design	3	F, SP, SU	*	F, O		
	ITN 100	Introduction to Telecommunications	3	F, SP, SU	*	F, O		
	MTH 154 MTH 163	Quantitative Reasoning - GMU Precalculus I - GWU	3	F, SP, SU		F, O, H	GMU: MTH 240 GWU: MTH 271	
	SDV 101	Orientation to IT Professions	1	F, SP, SU		O	SDV 100	
Second Semester								
	ENG 112	College Composition II	3	F, SP, SU	ENG 111	F, O, H		
	ITE 221	PC Hardware and Operating Systems Architectures	3	SP	*	F		
	ITP 295	Python Programming for Cybersecurity	4	SP	ITP 100	F, H	ITP 120, ITP 220	
	ITN 170	Linux Administration	3	SP	*	F		
	ITN 260	Network Security Basics	3	F, SP, SU	ITN 100	F, O		<i>Can sit for CompTIA Security+ Exam</i>
	PED/HLT	Elective	1	F, SP, SU		F, O, H		
Third Semester								
	ITN 200	Administration of Networks	3	F	ITN 100	O		
	ITN 261	Network Attacks, Ethical Hacking	3	F	ITN 260	F		
	ITN 262	Network Communication Security & Authentication	3	F	ITN 260	O		
	ITN 266	Network Security Layers	3	F	ITN 260	O		
	HIS 112	History of World Civilization II (GMU/GWU)	3	F, SP, SU	*	F, O, H	HIS 101, 102, 111	
	ART 101/ ENG 241	History and Appreciation of Art I -GMU Survey of American Literature I	3	F, SP, SU	*	F, O, H	GMU : ART 100, 102	
Fourth Semester								
	ITN 263	Firewalls, VPNs and E-Com Security	3	SP	ITN 260	F, H		
	ITN 267	Legal Topics in Network Security	3	SP	ITN 260	O		
Completion of Cyber Security CSC								
	ITN 276	Computer Forensics I	3	SP	ITE 221	F, H		ITN 260 is co-req
	ITN/ITP/CSC	Network/Programming/CSC Elective	3	F, SP	*	F, O, H		ITP 120, 220, CSC 201, CSC 202, ITN 106
		Natural Science with Lab	4	F, SP, SU	*	F, O, H		GMU will not accept BIO 141 or 142
		Program Total:	67					

*Readiness to enroll in ENG 111

Term Offered: F-Fall, SP-Spring, SU-Summer

Mode: F-Face-to-Face, O-Online, H-Hybrid, D-Distanced to another location