

## LFCC ADVISING WORKSHEET

Program: AAS Cybersecurity

Catalog Year: 2016-2017

Advisor:

transfer to **GMU 2.0 GPA or higher**

Program purpose: Designed for students who seek employment or professional development as a generalist in the area of information technology (IT), with specific knowledge in Cybersecurity for **transfer** to GMU Bachelors of Applied Science in Cybersecurity or GWU Bachelors of Professional Studies

Check	Course	Title	Credits	Grade	
<b>First Semester</b>					
	ENG 111	College Composition I	3		
	ITE 221	PC Hardware and Operating Systems Architectures	3		
	ITP 100	Software Design	3		
	ITN 100	Introduction to Telecommunications	3		
	MTH 151	Math for Liberal Arts or higher-level math <sup>1</sup>	3		
	SDV 101	Orientation to the IT Professions	1		
<b>Second Semester</b>					
	ENG 112	College Composition II	3		
	CST 110	Intro to Speech Communication	3		
	ITP	Programming Elective <sup>2</sup>	4		ITP 120, 220
	ITN 170	Linux Administration	3		
	ITN 260	Network Security Basics	3		
	ITE 120	Principles of Information Systems	3		
	PED/HLT	Physical Education or Health	1		
<b>Third Semester</b>					
		Approved Humanities Elective <sup>3</sup>	3		ART 100, 101, 102
		Approved Social Science Elective <sup>4</sup>	3		HIS 101, 102, 112
	ITN 200	Administration of Network Resources	3		
	ITN 261	Network Attacks, Ethical Hacking	3		
	ITN 262	Network Communication Security	3		
	ITN 266	Network Security Layers	3		
<b>Fourth Semester</b>					
	ITN 263	Firewalls, VPNs and E-Com Security	3		
	ITN 267	Legal Issues in Network Security	3		
	ITN 276	Computer Forensics I	3		
		Natural Science with Lab <sup>5</sup>	4		
		Approved Social Science Elective <sup>4</sup>	3		
		<b>Total</b>	<b>67</b>		Additional courses: ENG 241 ITE 115

*IT courses used for this program may not be more than 6 years old, unless by division dean.*

<sup>1</sup>Students planning to transfer to another four-year college are encouraged to contact an advisor prior to math selection so as to ensure proper math required for the student's transfer institution. *GWU* requires math course with final grade of "C" or better.

<sup>2</sup>GMU requires Java language for programming courses (ITP 120, ITP 220)

<sup>3</sup>Students may select humanities elective from approved list on page 39. Students pursuing the Bachelor of Professional Studies in Cybersecurity at George Washington University are encouraged to take PHI, REL, ENG 200-level literature courses and foreign language 200-Level courses. Students pursuing the Bachelors of Applied Science in Cybersecurity at George Mason University are encouraged to take ART 100, ART 101, ART 102 (Fine Arts)

<sup>4</sup>Students may select social science elective from approved list on page 39. Students pursuing the Bachelor of Applied Science degree at George Mason University are encouraged to take HIS 101, HIS 102, or HIS 112 as their LFCC social science elective. However, HIS 111 is transferrable as Global Understanding at GMU. Students pursuing the Bachelors of Professional Studies in Cybersecurity at George Washington University are encouraged to take HIS 101, HIS 102, HIS 111 or HIS 112 as their LFCC social science elective. For this requirement, it is best for the student to discuss this with an LFCC advisor to ensure proper sequencing.

<sup>5</sup>If transferring to GMU/GWU, students may select Science with Laboratory 4 credit elective from the approved list on page 39, except BIO 141-142 (Human Anatomy and Physiology)

The College reserves the right to make changes to any provision or requirement within these sources, as well as changes to any curriculum or program, whether during a student's enrollment or otherwise.

## SPECIAL NOTES

Students planning on transferring to GMU's BAS in Cybersecurity must have completed the AAS in Cybersecurity degree with a minimum 2.0 GPA. GMU has waived the age requirements for the BAS in Cybersecurity degree. Students should meet with the GMU academic advisor to sign the BAS Age Waiver form.

GWU requires that all transfer credits have a C or better and the GPA to be at least 2.7.

Earning the CAECD-2Y designation on a student's transcript requires a 3.0 GPA in the core cybersecurity program courses (ITE 221, ITN 100, ITN 261, ITN 262, ITN 263, ITN 266, ITN 267).

This does not constitute a guarantee of admission or transferability, as this is a guideline based on the most recent information provided to us by our senior institution partners. Students should check with the advisors at the senior institution into which they intend to transfer prior to applying for admission.

GWU  
Cybersecurity program [http://cps.gwu.edu/cybersecurity-bachelors?utm\\_source=Cybersecurity&utm\\_campaign=Sara%27s+Email+-+Cyber+Undergrad&utm\\_medium=email](http://cps.gwu.edu/cybersecurity-bachelors?utm_source=Cybersecurity&utm_campaign=Sara%27s+Email+-+Cyber+Undergrad&utm_medium=email)  
Bachelors of Professional Studies in Cybersecurity

GMU  
<http://bas.gmu.edu/bascybersecurity/> and here: <http://bas.gmu.edu/cybersecurity/>. The degree is a Bachelor of Applied Science, so it's technically hosted by the Provost's Office, not the AIT department.