

The below sessions are scheduled from 8:30 am-12:30 pm. The labs will be in the afternoon from 1:30-5:30 pm.

Faculty	Week	Date	Topic	Required Textbook Elementary Information	Reference Fundamentals of Information Security	Reference NIST
PRE-COURSE WORK (8:30 AM - 12:30 PM)						
	a	Saturday, September 11, 2021	Pre-course Work			
JoEtta			Introduction to Information Technology			
	b	Saturday, September 18, 2021	Pre-course Work			
JoEtta			Introduction to Information Technology (Cont.)			
START OF THE CYBERSECURITY PROGRAM (8:30 AM -- 5:30 PM)						
	1	Saturday, September 25, 2021	Introduction to Cybersecurity	1, 6	1, 12,15	
Halpert			Introduction to Cybersecurity			
Halpert			Introduction to Risk Management			
Halpert			Authenticating people			
	2	Saturday, October 2, 2021	Networking	10,11,12		
Zafar			Research presentation by students			
Zafar			Connecting computer			
Zafar			Connecting networks			
Zafar			end-end netwroking			
Zafar			IoT			NISTIR 8228
	3	Saturday, October 9, 2021	Computing Devices	2, 3		
Zafar			Research presentation by students			
Zafar			Introduction to computing devices			
Zafar			Buffer Overflow (RAM)			
Zafar			Planning to protect systems			
Zafar			Files Systems			
Zafar			Computer Virus			
Zafar			Patching			
	4	Saturday, October 16, 2021	Computing Storage	4, 5		
Halpert			Research presentation by students			
Halpert			Managing file access			
Halpert			logging			
Halpert			fornesics			
Halpert			hard drive storage (main storage)			
Halpert			I/O			
	5	Saturday, October 23, 2021	Cryptotgraphy	7, 8, 9, 13		
Halpert			Research presentation by students			

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Halpert Halpert Halpert Halpert			Encrypting Files symetric and asymmetric keys Encrypting volumes Network Encryption			
	6	Saturday, October 30, 2021	Internet services and email	14, 15		
Halpert Halpert Halpert Halpert Halpert Halpert Halpert Halpert			Research presentation by students Malicious code and activity Kill Chain Security Operations Center (SOC) Auditing and assessment Vulnerability management Auditing and assessment Vulnerability management		6,7,11	
	7	Saturday, November 6, 2021	Risk Management			
Zafar Zafar Zafar Zafar			Research presentation by students Risk Assessment BCP, DR Incident Response		4, 8	
	8	Saturday, November 13, 2021	Cloud and AI			
Zafar Zafar Frazier		0.5 hours 2.0 hours 1.5 hours	Research presentation by students Cloud and Mobile Computing AI/ML in Cybersecurity			
Saturday, November 20, 2021						
No Class						
Mothers attend Warrick Dunn Health and Nutrition Pantry fill event						
Saturday, November 27, 2021						
Holiday						
	9	Saturday, December 4, 2021	Cyber in Practice			
Halpert Halpert Halpert Halpert			Research presentation by students Block Chain Zero Trust WWW			NISTIR8202 SP 800-207

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	10	Saturday, December 11, 2021	SDLC and DevOps			
LeSueur			Research presentation by students			
LeSueur			System Development Lifecycle			
LeSueur			DevOps/DevSecOps			
LeSueur			Threat Modeling			
	11	Saturday, December 18, 2021	Certifications, Standards, Awareness and Training			
Gelhardt			Research presentation by students			
Gelhardt			Certifications and Training		12, 13, 14, 15	
Gelhardt			Security Awareness			
Gelhardt			Standards and Laws on Data Protection and Privacy (GDPR, NIST, PCI-DSS, etc.)			
		Saturday, December 25, 2021				
		Holiday				
		Saturday, January 1, 2022				
		Holiday				
	12	Saturday, January 8, 2022				
Salimi			Final Exam and Career Development			
		Sunday, January 9, 2022				
WIT			Graduation (Tentative)			