INF	0-26	600 CyberSecurity Essentials, William	A Loi	ring									
		Pre class work			In class work	-	After class work		Points	In class hours	Out of class hours	Total	Weekly total
	Qty	Assignment		min.	Assignment	min.	Assignment Assignment	min.			liours		
		Module 1 Introduction to Information Security		min.	Class: Face to Face, Live Streaming,	mm.	Assignment	mm.					
		Module 1 introduction to information Security			or Recording	120	Read Getting Started Information	30		2.40	0.60	3.00	
1	40	Read Module	10	126 22	Getting Started Discussion	15	Read Getting Started information	30		0.30	2.53	2.83	
ŀ	40	nead Module	13	120.32	Getting Started Discussion	13	Professional Communication	30	30	-	0.60	0.60	
ł							Windows 11 Virtualization	60		-	1.20	1.20	
1 ×							Live Virtual Machine Lab Pre-Requisite	30		-	0.60	0.60	
Week							CompTIA Security+ SYO-701 Pre-Assessment Quiz	30		-	0.60	0.60	
>							comprise country of a formation of the first state of the formation of the	- 50	50	_	-	-	
										-	-	-	
l t							Module 1 Quiz	30	30	-	0.60	0.60	
Ì										-	-	-	
Ì								Total		2.70	6.73	9.43	9.43
		Module 2 Pervasive Attack Surfaces and			Class: Face to Face, Live Streaming,				Ì				Ì
		Controls			or Recording	120	Simulation 2-1: Exploring the National Vulnerabilities Database	30	30	2.40	0.60	3.00	
Ì		Read Module	19	126.32			Kali Linux Virtualization	60		-	3.73	3.73	
7							Examine Data Breaches	30		-	0.60	0.60	
Week 2							Are You a Victim?	30	30	-	0.60	0.60	
Š							Phishing Test	30	30	-	0.60	0.60	
										-	-	-	
İ							Module 2 Quiz	30	30	-	0.60	0.60	
								Total		2.40	6.73	9.13	9.13
		Module 3 Fundamentals of Cryptography			Class: Face to Face, Live Streaming,								
					or Recording	120	Simulation 3-1: Using OpenPuff Steganography	30	30	2.40	0.60	3.00	
	40	Read Module	19	126.32			Simulation 3-2: Running an RSA Cipher Demonstration	30	30	-	3.13	3.13	
							SSL Server and Client Tests	30	20	-	0.60	0.60	
اسا							Digital Certificates	30	20	-	0.60	0.60	
¥										-	-	-	
Week										-	-	-	
							Stenography with SilentEye	30		-	0.60	0.60	
							Encrypting Files	30		-	0.60	0.60	
							Module 3 Quiz	30	30	-	0.60	0.60	
										-	-	-	
$\vdash \vdash$			<u> </u>			1		Total		2.40	6.73	9.13	9.13
		Module 4 Advanced Cryptography			Class: Face to Face, Live Streaming,				l				
	40	D 144 1 1		40	or Recording		Simulation 4-2: Creating and Installing a Digital Certificate	30		2.40	0.60	3.00	
	40	Read Module	19	126.32	Exit Ticket Discussion	15	QR Codes	30		0.30	3.13	3.43	
l _⊦			1			-	Hashcat Password Testing	60	60	-	1.20	1.20	
뇖	\vdash		1			+	Netdiscover	30	30	-	0.60	0.60	
Week							INCLUISCOVCI	30	30	-	-	- 0.60	
-							Module 4 Quiz	30	30	-	0.60	0.60	
l ⊦	$\vdash \vdash$		1			\vdash		30	30	-	-	-	
	\vdash		1			1				-	-	-	
i						1		Total		2.70	6.13	8.83	8.83
H		Module 5 Endpoint Vulnerabilities, Attacks, and	<u> </u>		Class: Face to Face, Live Streaming,	1			Ì		2.23		
		Defenses			or Recording	120		30	30	2.40	0.60	3.00	
-		Read Module	19	126.32	-		Simulation 5-2: Analyzing Files and URLs for File-Based Viruses Using VirusTotal	30		-	3.13	3.13	
			1 -					1	30	-	-	-	
							ZenMap Enumerate a Network with Kali	60	60	-	1.20	1.20	
2									1	-	-	-	
쑮							Ransomware Sites	30	30	-	0.60	0.60	
o i													
Week										-	-	-	

							Module 5 Quiz	30	30	-	0.60	0.60	
ŀ							IMOUNIE 5 QUIZ	30	30	-	-	-	
ŀ										-	_	-	
ŀ								Total		2.40	6.13	8.53	8.53
		Module 6 Mobile and Embedded Security			Class: Face to Face, Live Streaming,			1000			0.20		
		Wodule o Wobile and Embedded Security			or Recording	120				2.40	_	2.40	
ŀ	40	Read Module	10	126 32	Schneier on Security Discussion		Linux System Monitoring with top	30	20	0.30	3.13	3.43	
ŀ	40	nead Woddie	15	120.32	Schilleler on Security Discussion	13	Multifactor Authentication	60	60	-	1.20	1.20	
							Multilactor Authentication	00	00	-	-	-	
9			-							-	-	- 1	
Week										-	-	-	
≥										-	-	-	
ŀ										-	-	-	
ŀ							Module 6 Quiz	30	30	-	0.60	0.60	
ŀ							· · · · · · · · · · · · · · · · · · ·	60				1.20	
							Semester Project		100	2.70	1.20		0.02
								Total		2.70	6.13	8.83	8.83
		Module 7 Identity and Access Management			Class: Face to Face, Live Streaming,								
ŀ	L.	(IAM)			or Recording	120	Simulation 7-1: Using an Online Password Cracker	30	30	2.40	0.60	3.00	
ŀ	40	Read Module	19	126.32			Simulation 7-2: Using a Password Manager Application	30	30	-	3.13	3.13	
										-	-	-	
7							MAC Address Spoofing with Windows	30	20	-	0.60	0.60	
¥							MAC Address Spoofing with Kali Linux	30	20	-	0.60	0.60	
Week	<u> </u>						Zphisher Phishing Tutorial	30	20	-	0.60	0.60	
1										-	-	-	
										-	-	-	
							Module 7 Quiz	30	30	-	0.60	0.60	
							Semester Project	60	100	-	1.20	1.20	
								Total		2.40	7.33	9.73	9.73
		Module 8 Infrastructure Threats and Security			Class: Face to Face, Live Streaming,								
		Monitoring			or Recording	120				2.40	-	2.40	
	40	Read Module	19	126.32						-	2.53	2.53	
İ							Sentiment Analysis	30	30	-	0.60	0.60	
İ							Hping3 IP Address Spoofing	60	40	-	1.20	1.20	
8							Disaster Recovery Plan	30	30	-	0.60	0.60	
Week 8							,			-	-	-	
>							Pentbox Honeypot	60	60	-	1.20	1.20	
							The state of the s			-	-	- 1	
İ			\neg				Semester Project	60	100	-	1.20	1.20	
ľ							Module 8 Quiz	30	30	-	0.60	0.60	
ľ								Total		2.40	7.93	10.33	10.33
	+	Module 9 Infrastructure Security	_		Class: Face to Face, Live Streaming,								
		- County			or Recording	120		30	30	2.40	0.60	3.00	
ŀ	40	Read Module	19	126.32	o. neconang	120	Simulation 5 2. Osing Glasswife Friewall	30	33	-	2.53	2.53	
ŀ	1	Fall Break	-5	120.52			Keylogger	60	40	-	1.20	1.20	
6			\dashv					30		-	-	-	
Week 9							Wireless Router Configuration	30	30	-	0.60	0.60	
Š			-+				The cost to deer configuration	30	30	-	- 0.00	- 0.00	
1							Semester Project	60	100	-	1.20	1.20	
ŀ	\vdash		\dashv				Module 9 Quiz	30	30	-	0.60	0.60	
ŀ			-				INTOURIE 5 QUIZ	30	30	-	- 0.60	-	
ŀ								Total		2.40	6.73	9.13	9.13
\vdash	+	Modulo 10 Wireless Notrocal Attacks and	-+		Classi Face to Face Live Streets			TOTAL		2.40	0.75	3.13	5.15
		Module 10 Wireless Network Attacks and			Class: Face to Face, Live Streaming,	422				2.46		2.46	
		Defenses		405	or Recording	120				2.40	-	2.40	
ŀ	40	Read Module	19	126.32	The Social Dilemma Discussion	15				0.30	2.53	2.83	
ŀ	-					-	Wireless Network Scanning	60	60	-	1.20	1.20	
ŀ			_				Hosts File Attack	30	30	-	0.60	0.60	
9	<u> </u>					-	ARP Poisoning	20	20	-	0.40	0.40	
×										-	-	-	

Ď.	1		1 1		I	1	Browser Passwords	20	20	-	0.60	0.00	
We							Browser Passwords	30	20	-	0.60	0.60	
ŀ							Module 10 Quiz	30	30	-	0.60	0.60	
ŀ							Semester Project	60	100	-	1.20	1.20	
ľ										-	-	-	
ľ										-	-	-	
								Total		2.70	7.13	9.83	9.83
		Module 11 Cloud and Virtualization Security			Class: Face to Face, Live Streaming,								
					or Recording	120				2.40	-	2.40	
	40	Read Module	19	126.32						-	2.53	2.53	
							Online Backup Services	30	30	-	0.60	0.60	
4							TryHackMe	90	60	-	1.80	1.80	
\ \ 2							Linkedin	15	20	-	0.30	0.30	
Week 11										-	-	-	
-										-	-	-	
							Module 11 Quiz	30	30	-	0.60	0.60	
							Semester Project	60	100	-	1.20	1.20	
								7.1.1		-	-	-	0.42
_								Total		2.40	7.03	9.43	9.43
		Module 12 Vulnerability Management			Class: Face to Face, Live Streaming,	420				2.40		2 40	
ŀ	40	Read Module	10	126.22	or Recording Think Aloud	120		30	20	2.40 0.30	3.13	2.40	
ŀ	40	Read Module	19	126.32	THINK Aloud	15	Common Vulnerabilities and Exposures (CVE) National Vulnerabilities Database (NVD)	30	30 30	-	0.60	3.43 0.60	
ł							National vulnerabilities Database (NVD)	30	30	-	-	-	
ł										-	-	-	
7										-	-	-	
Week 12							Labex.io Part 1	60	60	-	1.20	1.20	
Nec							Eddexiorate	- 00	- 00	-	-	-	
-										-	-	-	
										-	-	-	
							Module 12 Quiz	30	15	-	0.60	0.60	
ı							Semester Project	60	100	-	1.20	1.20	
										-	-	-	
								Total		2.70	6.73	9.43	9.43
		Module 13 Incident Preparation and			Class: Face to Face, Live Streaming,								
		Investigation			or Recording	120	Simulation 13-1: Using Windows File History to Perform Data Backups	30	30	2.40	0.60	3.00	
	40	Read Module	19	126.32						-	2.53	2.53	
										-	-	-	
							Password Management Program	30	30	-	0.60	0.60	
m							Password Strength Testing	15	15	-	0.30	0.30	
Week 13			\sqcup				nmap Network Enumeration	60	40	-	1.20	1.20	
We								4		-	-	-	
1										-	-	-	
ŀ							Connector Decicet		100	-	- 1.20	1.20	
ŀ							Semester Project Module 13 Quiz	60 30	100 40	-	1.20 0.60	0.60	
ŀ							Wodule 15 Quiz	30	40	-	- 0.00	-	
1								Total		2.40	7.03	9.43	9.43
		Module 14 Oversight and Operations			Class: Face to Face, Live Streaming,			Total		2.70	7.03	3.43	3.43
					or Recording	120	Simulation 14-1: Using a Nonpersistent Web Browser	30	30	2.40	0.60	3.00	
ŀ	40	Read Module	19	126.32		120	Simulation 14-2: Local Security Policy	30	30	-	3.13	3.13	
			13	223.32				30	30	-	-	-	
1_							Password Cracker Online	20	20	-	0.40	0.40	
Week 14							Online Backup Services	30	30	-	0.60	0.60	
/ee							· ·			-	-	-	
<							Greenbone Vulnerability Scanner	120	90	-	2.40	2.40	
							Module 14 Quiz	30	30	-	0.60	0.60	
1										-	-	-	
										-	-	-	

										-	-	-	
								Total		2.40	7.73	10.13	10.13
		Module 15 Information Security Management			Class: Face to Face, Live Streaming, or Recording	120				2.40	-	2.40	
	40	Read Module	19	126.32	Lessons Learned Discussion	15				0.30	2.53	2.83	
r.		Thanksgiving								-	-	-	
\ \ 2										-	-	-	
Week 15										-	-	-	
1										-	-	-	
										-	-	-	
							Semester Project Final Presentation	120	200	-	2.40	2.40	
								Total		2.70	4.93	7.63	7.63
		Module 15 Information Security Management								-	-	-	
					Semester Project PowerPoint Discussi		Knowledge Check: CompTIA Security+ (SY0-701) Post-Assessment Quiz	120	120	0.30	2.40	2.70	
9							Annual Credit Report	15	15	-	0.30	0.30	
\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \							Suritaca IDS IPS	60	40	-	1.20	1.20	
Week 16										-	-	-	
-										-	-	-	
										-	-	-	
								Total		0.30	3.90	4.20	4.20
	1						_	1		In	Out	Total	
							Gra	nd Totals		38.10	104.99	143.09	
											Average	8.94	