

# 2106 UNF RM CYB PT

June Cohort

## Security Essentials and Red Team Outline

Week	Class Day	Workshop	Assignments Due
8	Mon, 07/26/21	<b>SECURITY ESSENTIALS BEGINS</b>  Command Line Arguments	<i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 07/28/21	Reading Files	
	Sat, 07/31/21	Intro To Networking and the Web	
9	Mon, 08/02/21	Web and HTTP (HTTP 1)	<i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 08/04/21	Data Transmission and Capture 1	
	Sat, 08/07/21	Data Transmission and Capture 2	

10	Mon, 08/09/21	Python Data Structures: Dictionaries	<i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 08/11/21	Data Encoding + Cryptography	
	Sat, 08/14/21	HTTP Verbs and Rest (HTTP 2)	
11	Mon, 08/16/21	HTTP / Persistence (HTTP3)	<i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 08/18/21	Services and Protocols	
	Sat, 08/21/21	Windows Command Line + List of Cyberlab problems sent out to review for Essentials Achievement	
12	Mon, 08/23/21	Python Scripting	Security Essentials Achievement due Sunday, August 29th by 11:59pm  <i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 08/25/21	Review Day, FAQ About Essentials Achievement, and Intro to Red Team Prewrite  Security Essentials Student-Facing Rubric will be shared	

	Sat, 08/28/21	Security Essentials Achievement	<i>Reminder: Security Essentials Achievement due Sunday, August 29th by 11:59pm</i>
13	Mon, 08/30/21	<b>RED TEAM BEGINS</b>  Passive Recon + Active Recon	<i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 09/01/21	Shells, Payloads, and File Transfers	
	Sat, 09/04/21	OWASP and Web Security	
14	Mon, 09/06/21	Off From Classes	<i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i>
	Wed, 09/08/21	Injection Attacks and File Inclusion	
	Sat, 09/11/21	Password Attacks	

15	Mon, 09/13/21	Attacking with Metasploit	<p>Red Team Achievement Due Sunday, September 19th by 11:59pm</p> <p><i>Make sure to complete the pre-work and any problems from previous workshops before each class!</i></p>
	Wed, 09/15/21	<div>Privilege Escalation</div> <div>+</div> Review Day, FAQ About Red Achievement	
	Sat, 09/18/21	Red Team Achievement	