

August 2019

Monday	Tuesday	Wednesday	Thursday	Friday
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5	6	7	8	9
12	13	14	15	16
19 CLASS 1 Course Overview and Expectations Homework Due 0730 on 21 Aug 2019	20	21 LAB 1 Lowering the Barrier to Entry: Open Source Cyber Tools Lab Due 0730 on 28 Aug 2019	22	23 CLASS 2 End-to-End Offensive Cyber Operations Methodology Homework Due 0730 on 23 Aug 2019

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26 CLASS 3 Passive Reconnaissance in an Over-sharing World Homework Due 0730 on 26 Aug 2019	27	28 LAB 2 Capstone Project Presentation (Milestone 1)	29	30 CLASS 4 Active Reconnaissance in an Interconnected World Homework Due 0730 or 1330 on 30 AUG 2019

September 2019

Monday	Tuesday	Wednesday	Thursday	Friday
2 HOLIDAY	3 CLASS 5 The World Wide Web, Dark Web, Deep Web, and a Journey with TOR Homework Due 0730 or 1330 on 06 Sep 2019	4 LAB 3 Scanning and Reconnaissance Lab Due 0730 on 11 Sep 2019	5	6 CLASS 6 Tactical Cyber Operations Planning No Homework
9 CLASS 7 Spear Phishing and Watering Hole Attacks Homework Due @ start of class on 09 Sep 2019	10	11 LAB 4 Capstone Project Presentation (Milestone 2) Capstone Project Deliverables Due	12	13 CLASS 8 Metasploit Framework I Homework Due @ start of class on 13 Sep 2019

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16 CLASS 9 Metasploit Framework II Homework Due @ start of class on 16 SEP 2019 Group (APT) Projects Due 30 Sep 2019	17	18 LAB 5 Browser Exploitation Framework (BeEF) Lab Due 0730 on 25 Sep 2019	19	20 CLASS 10 6 Week Exam Review Exam Discussion & Capstone Time
23 CLASS 11 Obfuscation: How Not to Get Caught Homework Due @ start of class on 23 SEP 2019	24	25 LAB 6 Social Engineering Toolkit (SET) Lab Due 0730 on 02 Oct 2019	26	27 EXAM 1 6 Week Exam
30 CLASS 12 Exploitation I Group (APT) Projects from Class 9 Due Today Homework Due @ start of class 30 SEP 2019				

October 2019

Monday	Tuesday	Wednesday	Thursday	Friday
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Monday	Tuesday	Wednesday	Thursday	Friday
	1	2 LAB 7 Remote Exploitation I: Hacking Windows Lab Due 0730 on 9 Oct 2019	3	4 CLASS 13 Meterpreter Homework Due @ start of class on 04 Oct 2019
7 CLASS 14 Exploitation II Homework Due @ start of class on 07 OCT 2019	8	9 LAB 8 Capstone Project Presentation (Milestone 3) Capstone Project Deliverables Due	10	11 CLASS 15 Pass the Hash Homework Due @ start of class on 11 OCT 2019
14 HOLIDAY	15	16 LAB 9 Password Cracking and Exploiting Trust Lab Due 0730 on 23 Oct 2019	17	18 CLASS 16 Armitage Homework Due 0730 on 23 Oct 2018
21 CLASS 17 Large Scale SW Development Guest Lecture from NSA CAPS team No Homework	22	23 LAB 10 Armitage: Scale the Cyber Lab Due 0730 on 30 Oct 2019	24	25 CLASS 18 Capstone Project Time Use this time wisely! Milestone 4 due on 06 NOV 2019

Monday	Tuesday	Wednesday	Thursday	Friday
28 CLASS 19 Veil Framework and AV Avoidance & 12 Week Exam Review Homework Due 0730 on 06 Nov 2018	29	30 LAB 11 Remote Exploitation II: Hacking Linux Lab Due 0730 on 06 Nov 2019	31	

November 2019

Monday	Tuesday	Wednesday	Thursday	Friday
				1 EXAM 2 12 Week Exam
4 CLASS 20 MIDN OCO Tool Research (intro) and Guest Lecture by Mr Dave Hogue, COO NSA Cybersecurity Directorate No Homework OCO Tool Projects Due 20 Nov 2018	5	6 LAB 12 Capstone Project Presentation (Milestone 4) Capstone Project Deliverables Due	7	8 CLASS 21 Covert Communications No Homework

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11 HOLIDAY	12	13 LAB 13 Exploit Compiling, Writing, and Deployment Lab Due 0730 on 20 Nov 2019	14	15 CLASS 22 Cyber Attack Tools Homework Due @ start of class 15 NOV 2019
18 CLASS 23 STUXNET Case Study Homework Due @ start of class on 18 Nov 2019	19	20 LAB 14 MIDN OCO Tool Presentations No Homework	21	22 CLASS 24 Guest Lecture Mr. Chris Toombs (NSA) Offensive Operations No Homework
25 LAB 15 Payload Development & Deployment Lab Due 0730 on 04 Dec 2019	26	27 LAB 16 Payload Development & Deployment Lab Due 0730 on 04 Dec 2019	28 HOLIDAY	29 HOLIDAY

December 2019

Monday	Tuesday	Wednesday	Thursday	Friday
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Monday	Tuesday	Wednesday	Thursday	Friday
<p>2</p> <p>CLASS 25 Comprehensive Exam Review</p> <p>Exam Discussion & Capstone Time</p>	<p>3</p>	<p>4</p> <p>LAB 17 Capstone Project Presentation (Milestone 5)</p>	<p>5</p>	<p>6</p>
<p>9</p> <p>EXAM 3 Comprehensive Final Exam 1330</p> <p>1131 CH009 3331 CH011 4341 CH018 5531 CH017</p>	<p>10</p>	<p>11</p>	<p>12</p>	<p>13</p>
<p>16</p>	<p>17</p>	<p>18</p>	<p>19</p>	<p>20</p>
<p>23</p>	<p>24</p>	<p>25</p>	<p>26</p>	<p>27</p>

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30	31			