

Week 1 January 11, 2014 Introduction

Time	Week 1 January 11	Place	Topic
10:00:00 AM		Heiner 208	Check-In
10:15:00 AM		Heiner 208	Introductions and overview of camp, Careers in cyber security, Cyberpatriot, CCDC, and Others, Meet Your Mentors
10:45 AM – Student		Baker 101 Baker 102 Baker 103	Lab orientation and ground rules Tour of Labs Log In and do Pre-Test
11:00:00 AM – Parents		Heiner 208	College resource overview for parents/guardians with Kathy Barnes
11:00 AM – 12:00:00 PM		Baker 101	Cyber Attack on Kuraq Video Mentor Demonstration of what an attack looks like (Mentor: Jadey)
12:00:00 PM – 12:30:00 PM Lunch		Baker 101	Lunch Guest Speaker
12:30:00 PM – 1:00:00 PM		Baker 101	Robin Sage Handout Ethics in Information Security (Mentor: Kate)
01:00:00 PM – 1:30:00 PM		Baker 101 Baker 102 Baker 103	Introduction to virtualization and overview of Ubuntu linux (Mentor: James)
01:30 – 1:45		Baker 101 Baker 102 Baker 103	Break
01:45 – 2:30		Baker 102 Baker 103	Lab Activity: Create a Vmware Image CyberDefendersV1.iso based on Ubuntu 10.10
02:30:00 PM		Baker 101	Jeopardy (Mentor: Ben and Angela)

Week 2 January 25, 2014 Networking

Time Week 2 January 25	Place	Topic
10:00:00 AM – 10:15 AM	Baker 102 and 103	Welcome and Review
10:15:00 AM – 11:00 AM	Baker 101	Review of last session Network Devices Overview Mentor: Ray Types of Networks (Mentor: Kevin)
11:00 – 11:15	Baker 101	Break
11:15 – 12:00	Baker 101	Network Addresses How Data Travels Through a Network (Mentor: Jadey)
12:00 – 12:30	Baker 101	Lunch Guest Speaker
12:30 – 1:00	Baker 102,103	Lab Activity: Set up a Simple Network Test Connectivity using command line tools
1:00 - 1:30	Baker 101, 102, 103	Ports and Vulnerabilities (Mentor: Walker)
1:30 – 1:45	Baker 101,102, 103	Break
1:45 – 2:30	Baker 102, 103	Netstat Activity and Break In Activity
02:30:00 PM	Baker 101	Jeopardy (Mentor: Ben and Angela)

Week 3, February 1, 2014 Operating Systems

Time Week 3 February 1	Place	Topic
10:00 – 10:15	Baker 102, 03	Welcome and Review
10:15 – 11:00	Baker 101	Review of last session Overview of Operating Systems
11:00 – 11:15	Baker 101	Break
11:15 – 12:00	Baker 101, 102, 103	Linux Command Line Lecture (Mentor: Kate) Lab Activity : Linux Command Line
12:00 – 12:30	Baker 101	Lunch Guest Speaker
12:30 – 1:30	Baker 102 and Baker 103	Presentation and Overview of Process Explorer Mentor: Kevin Lab Activity: Process Explorer
1:30 – 1:45	Baker 101, 102, 103	Break
1:45 – 2:00		Lab Activity Secure a Vulnerable Machine
2:00 – 2:30	Baker 102, 103	Lab Activity: Secure a vulnerable machine
02:30:00 PM	Baker 101	Jeopardy (Mentor: Ben and Angela)

Week 4, February 8, 2014 WEB

Time February 8	Place	Topic
10:00 – 10:10	Baker 101	Welcome and Review
10:10 – 11:00	Baker 101	Review of last session Web vulnerabilities Malware 101 and Attacker Methodology (Speaker: Kate)
11:00 – 11:15	Baker 101	Break
11:15 – 12:00	Baker 101	Lamp Server/Wordpress/Zencart Overview (Mentor: James) Physical Port Security: (Mentor: Ray)
12:00 – 12:30	Baker 101	Lunch Guest Speaker
12:30 – 1:30	Baker 102 and Baker 103	SWEET Lab
1:30 – 1:45	Baker 101, 102, 103	Break
1:45 – 2:00	Baker 101, 102, 103	Wordpress and Zencart Lab
2:00 – 2:30	Baker 101, 102, 103	Wordpress and Zencart Lab continuation
02:30:00 PM	Baker 101	Jeopardy (Mentor: Ben and Angela)

Week 5, February 22, 2014 Application Security Review and Competition Preparation

Time February 22	Place	Topic
10:00 – 10:10	Baker 101	Welcome and Review
10:10 – 11:00	Baker 101	Review of last session Vulnerabilities in applications DNS, DHCP, Active Directory Mentor: Travis Scan a practice network using Zenmap Demonstration Mentor: Jadey
11:00 – 11:15	Baker 101	Break
11:15 – 12:00	Baker 102 and 103	Active Directory Lab
12:00 – 12:30	Baker 101	Lunch Guest Speaker
12:30 – 1:30	Baker 102 and 103	Students Learn to Set Up and Work on Network that Resembles Competition Network Mentors Guide and Assist Students
1:30 – 1:45	Baker 101, 102, 103	Break
1:45 - 2:30	Baker 102, 103	Students Continue to Set Up and Work on Network that Resembles Competition Network Mentors Guide and Assist Students
02:30:00 PM	Baker 101	Jeopardy (Mentor: Ben and Angela)

Week 6, March 1, 2014 Competition Day

Time March 1	Place	Topic
10:00 – 10:15	Baker 102 and 103	Student, Mentor, and Guest Preparation
10:15 – 11:00	Baker 101	Kickoff Introduction of Judges and Red Team Rules
11:00 – 11:15	Baker 101	Break
11:15 – 12:00	Baker	15 Minutes to Secure Machines Competition Phase 1
12:00 – 12:30	Baker 101	Lunch Guest Speaker
12:30 – 1:30	Baker 102, 103	Competition Phase 2
1:30 – 1:45	Baker 101, 102, 103	Break
1:45 – 2:00	Baker 101	Competition Phase 3
2:00 – 2:30	Baker 102, 103	Post Competition and Red Team Review
02:30 – 3:00 PM	Baker 101	Awards and Graduation