

CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE

School Division(s): Portsmouth Public Schools School: I.C. Norcom High School

Camp Begin Date: July 18, 2016 Camp End Date: August 4, 2016 Days of Week: M-F, M-F, M-R

Daily Instruction Begin Time: 8:30 AM Daily Instruction End Time: 3:30 PM Specify alternate schedules below

Lunch Period (begin/end): 12-12:30 Total instructional hours including guest speaker(s) field trip(s) and culminating

Enrollment 25 activity: 32.5

WEEK 1 -- JULY 18-22, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 (Breakfast) Camp Introductions and Overview	8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30- 3:30 NSU Field Trip Visit Network Security Lab, IA-REDI Lab, Campus Tour, Office of Admissions Visit, Visit the Office of Information Technology Meet and Greet with Computer Science Faculty and Administrators
9:00-9:30 Pre-Test	9:00-10:00 Elect02_Protoboard Lab	9:00-10:00 Elect05_Elect Test 1	9:00-10:00 Elect08_Loading a Circuit Lab	
9:30-10:00 Introduction to Cybersecurity	10:00-10:05 Break	10:00-10:05 Break	10:00-10:05 Break	
10:00-10:05 Break	10:05-12:00 NSU Cyber Activities Binary Numbers (Conversions, Additions, ASCII Values) Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities WinHex (File Headings) Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities WinHex (File Headings) Norfolk State Faculty and Grad Students	
10:05-12:00 NSU Cyber Activities Binary Numbers (Conversions, Additions, ASCII Values) Norfolk State Faculty and Grad Students	12-12:30 Lunch	12-12:30 Lunch	12-12:30 Lunch	
12-12:30 Lunch	12:30-1:30 Elect03_Current Resistance and Ohms Law	12:30-1:30 Elect06_Intro to Multimeters	12:30-1:30 Elect09_Kirchhoffs Law	
12:30-1:30 Elect01_Electricity and Generators	1:30-2:00 Elect04_Utility Meters and Appliance Calculator	1:30-2:00 Elect07_Series and Parallel Circuits	1:30-2:00 Elect10_Christmas Tree Lab	
			2:00-2:15 Snack Break	

1:30-2:00 English Cyber Ethics Cyber01_Intro to Humanities and Cyber	2:00-2:15 Snack Break	2:00-2:15 Snack Break	2:15-3:30 Cyber04_Current Events Project	
2:00-2:15 Snack Break	2:15-3:30 Cyber02_Presidential Cyber Platform	2:15-3:30 Cyber03_Presidential Cyber Platform 2		
2:15-3:30 VA Wizard Exploration				

WEEK 2 -- JULY 25-29, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30- 3:30 Naval Cyber Command Center Field Trip
9:00-10:00 Elect11_Some Chemistry	9:00-10:00 Elect13_Electro Magnet Lab	9:00-10:00 Prog02_BASIC Basics	9:00-10:00 BoeBot01_Intro	Schedule to be announced
10:00-10:05 Break	10:00-10:05 Break	10:00-10:05 Break	10:00-10:05 Break	
10:05-12:00 NSU Cyber Activities Introduction to Digital Forensics, chain of custody, and imaging flash drives Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities Recovering deleted files Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities Understanding the registry and browser forensics Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities Steganography Norfolk State Faculty and Grad Students	
12-12:30 Lunch	12-12:30 Lunch	12-12:30 Lunch	12-12:30 Lunch	
12:30-1:30 Cyber05_Networks	12:30-1:30 Elect14_Elect Test 2	12:30-1:30 Prog03_BASIC Loops	12:30-1:30 BoeBot02_Hello World	
1:30-2:00 Elect12_Homemade Battery	1:30-2:00 Prog01_FlowCharts	1:30-2:00 Prog04_Programming Test	1:30-2:00 BoeBot03_ASCII and Timer	
2:00-2:15 Snack Break	2:00-2:15 Snack Break	2:00-2:15 Snack Break	2:00-2:15 Snack Break	
			2:15-3:30 Cyber09_Debates	

2:15-3:30 Cyber06_Ethics Malware and Network Attacks Remote Access Trojans Norfolk State Faculty and Grad Students	2:15-3:30 Cyber07_Passwords Password Cracking NetLab+ Norfolk State Faculty and Grad Students	2:15-3:30 Cyber08_CyberBullying		
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WEEK 3 --August 1-4, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	8:30-9:00 Cyber Careers (Breakfast)	
9:00-10:00 BoeBot04_Timers and LEDs	9:00-10:00 BoeBot07_Assemble the BoeBot	9:00-10:00 BoeBot10_Basic Navigation and Subroutines	9:00-10:00 BoeBot13_Creative Whisker Challenge	
10:00-10:05 Break	10:00-10:05 Break	10:00-10:05 Break	10:00-10:05 Break	
10:05-12:00 NSU Cyber Activities Forensic Case pt 1 Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities Forensic Case pt 2 Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities Forensic Case Presentations Norfolk State Faculty and Grad Students	10:05-12:00 NSU Cyber Activities Forensic Case Presentations Norfolk State Faculty and Grad Students	
12-12:30 Lunch	12-12:30 Lunch	12-12:30 Lunch	12-12:30 Lunch	
12:30-1:30 BoeBot05_Servo Commands	12:30-1:30 BoeBot08_BoeBot Test 1	12:30-1:30 BoeBot11_Tuning Maneuvers	12:30-1:30 BoeBot14_InfraRed Navigation	
1:30-2:00 BoeBot06_Centering Servos	1:30-2:00 BoeBot09_Retest Servo and Speakers	1:30-2:00 BoeBot12_Whisker Navigation	1:30-2:00 Post Test	
2:00-2:15 Snack Break	2:00-2:15 Snack Break	2:00-2:15 Snack Break	2:00-2:15 Snack Break	
2:15-3:30 Cyber10_Robots	2:15-3:30 Cyber13_I Robot	2:15-3:30 Cyber11_Battlefield Robots	2:15-3:30 Close out Ceremony	