



Bootcamp for High School Students

June 19-23, 2017

Dunn Hall 118

(Final Presentations and Closing Ceremony at The Zone,
FedEx Institute of Technology)

Agenda

Dr. Dipankar Dasgupta, GenCyber Program Director
Mr. Kriangsiri "Top" Malasri, GenCyber Lead Instructor

Monday, June 19

Times	Activities
8:30-9:00	Breakfast/Registration Pre-survey –DH 118 (website: https://memphis.co1.qualtrics.com/jfe/form/SV_0SQIB4F7UMsNgnb)
9:00-9:15	Welcome by the Dean Arts & Sciences
9:15-9:45	Address by the Chair Computer Science, U of M
9:45-11:00	Icebreaker Cyber Security First Principles Lab activity: Image EXIF Forensics
11:00-11:15	Break
11:15-12:00	Cyber Code of Conduct & University Network Access Policy
12:00-1:30	Lunch
1:30-2:30	Code Crew Programming Initiatives
2:30-2:45	Break
2:45-4:15	Why Is a Strong Password Needed?
4:15-4:30	Daily Debrief

Tuesday, June 20

8:30-9:30	Breakfast
9:30-11:00	Cyber Security First Principles Lab activity: Fingerprinting / Possibly encryption and programming as well
11:00-11:15	Break
11:15-12:00	Introduce Group Project Distribute project instruction sheets

12:00-1:30	Lunch
1:30-2:30	NSA Day of Cyber: Session 1
2:30-2:45	Break
2:45-3:30	Securing the National Cyberspace - Guest Speaker
3:30-4:15	Campus Tour: U of M Data Center
4:15-4:30	Debrief

Wednesday, June 21

8:30-9:30	Breakfast
9:30-11:00	Cyber Security First Principles Lab activity: Jeopardy Game
11:00-11:15	Break
11:15-12:00	Virtual Scavenger Hunt
12:00-1:30	Lunch
1:30-2:30	NSA Day of Cyber: Session 2/Card Game
2:30-2:45	Break
2:45-3:45	Online Privacy, Security, and Safe Browsing
3:45-4:15	Campus Tour: FedEx Institute of Technology (FIT)
4:15-4:30	Debrief

Thursday, June 22

8:30-9:30	Breakfast
9:30-12:00	Team project work Breaks as needed
12:00-1:30	Lunch
1:30-2:30	Online Security Game Demo
2:30-3:30	Securing Industrial Infrastructure –Guest Speaker
3:30-3:45	Break
3:45-4:30	Web form validation exercises? Multi-factor authentication demo?
4:30-4:40	Debrief

Friday, June 23

8:30-9:30	Breakfast
9:30-11:00	Complete team projects, prepare presentations
11:00-11:15	Post-survey
11:15-11:30	Break
11:30-12:00	Security Analysis – Guest Speaker
12:00-1:30	Lunch
1:30-2:30	Campus Tour: McWherter Library
2:30-2:45	Break
2:45 – 3:00	Address by the Provost, U of M
3:00 - 4:30	Team Project Presentations (parents are welcome) – FIT The Zone
4:30-5:00	Award Ceremony and Closing – FIT The Zone