



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-FedEx Institute of Technology
9:00-9:15	Welcome by the Dean Arts & Sciences-DH 118
9:15-9:45	Address by the Chair Computer Science, U of M
9:45-10:00	Pre-survey –DH 118 (website: https://memphis.co1.qualtrics.com/jfe/form/SV_5bvoSu7Ln3s3rvv)
10:00-10:15	Icebreaker
10:15-11:00	Cyber Security First Principles Lab activity: Image EXIF Forensics
11:00-11:15	Break
11:15-11:45	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	Debrief

Tuesday, June 20

8:30-9:30	Sign In-FedEx Institute of Technology/Breakfast-Psychology Auditorium Lobby
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	Sign In-FedEx Institute of Technology/Breakfast-Psychology Auditorium Lobby
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	Sign In-FedEx Institute of Technology/Breakfast-Psychology Auditorium Lobby
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	Forensic Exercises
3:30-3:45	Break
3:45-4:30	Web form validation exercises Multi-factor authentication demo
4:30	End of Day

Friday, June 23

8:30-9:30	Sign In-FedEx Institute of Technology/Breakfast-Psychology Auditorium Lobby
9:30-11:00	Complete team projects, prepare presentations
11:00-11:15	Post-survey- https://www.surveymonkey.com/r/UniversityMemphis_S2_June19-23
11:15-11:30	Break
11:30-12:00	Security Analysis – Guest Speaker
12:00-1:30	Lunch
1:30-2:00	Cyber Security College Fair –FIT The Zone
2:00-2:30	College Readiness- Empowering Students Universally Scholars, Inc.
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 encouraged to attend) – FIT The Zone

4:30-5:00

Award Ceremony and Closing – FIT The Zone
