

CYBERSECURITY WORKSHOP TENTATIVE AGENDA

Tuesday, August 4th:

- 9:30 – 9:40: Welcome
- 9:40 – 10:00: Introduction of Teachers
- 10:00 – 10:30: Overview of Cybersecurity
- 10:30 – 11:00: First Principles
- 11:00 – 12:00: Cyber Ethics & Discussion of Ethics
- 12:00 - 12:30: Lunch on your own
- 12:30 – 1:45: Ethical Hacking, Social Engineering, Phishing....
- 1:45 – 2:10: Network & Database Security: What's a Day at Work?
- 2:20 – 2:50: Web Security
- 3:00 – 3:30: Lesson Plan Format and Discussion

Wednesday, August 5th:

- 9:30 – 10:30: 5-min Warm-Up & Cybersecurity Career Awareness
- 10:40 – 11:00: Cybersecurity Certifications and Competitions
- 11:00 – 11:20: Guest Speaker
- 11:30 – 12:00: Internet of Things
- 12:00-12:30: Lunch on your own
- 12:30 – 1:30: Cryptography
- 1:40 – 2:50: Cryptography
- 3:00 – 3:15: NYS K-12 CS Learning Standards
- 3:15 – 3:30: Lesson Planning, Wrap-up

Thursday, August 6th:

- 9:30 – 9:40: Warm-up Activity
- 9:30 – 10:30: Data Protection
- 10:40 – 11:20: Data and Security
- 11:30 – 12:00: Python Programming
- 12:00 - 12:30: Lunch on your own
- 12:30 – 1:30: Raspberry Pi
- 1:40 – 2:50: Raspberry Pi
- 3:00 – 3:30: Lesson Planning, Wrap-up

Friday, August 7th:

- 9:30 – 9:40: Warm-up activity and Presentation Guidelines
- 9:40 – 9:50: Guest Speaker from M&T
- 10:00 – 11:00: Presentation of Lesson Plans
- 11:10 – 12:00: Presentation of Lesson Plans

- 12:00 - 12:30: Lunch on your own
- 12:30 – 3:00: Presentation of Lesson Plans
- 3:00 – 3:30: Wrap-up, Survey, Fall Poster, Closing