Cybersecurity Fundamentals for the ECC

Course Description

Cybersecurity has become an ever-increasing threat for public safety. Emergency communications centers (ECCs) are a valuable and vulnerable target for bad actors of all types. As a result of their high importance and visibility within the public safety ecosystem, ECCs have been battling cyberattacks for years. Public safety is at constant risk for many types of cyberattacks. Research indicates that the frequency and intensity of cyberattacks will continue to grow.

All ECC employees need to be educated on the types of cyberattacks and related activity that occur daily in the United States. This course provides a basic overview of the critical pieces of information that all ECC employees should know – from surfing the internet to being aware of key indicators in email for possible phishing attempts. This course also provides several resources for creating an Incident Response Plan and what to do if your ECC experiences a cyberattack.

This course is built on the experiences of public safety cybersecurity experts and ECC professionals and provides ECC professionals with foundational knowledge of cyberattacks, including the anatomy of a cyberattack, signs of an ongoing cyberattack and mitigation techniques. This includes preparing for cyberattacks, response to those attacks and the type of data to protect for post-attack forensics.

Course Topics

- How Cyberattacks Work
- Why ECCs are a Target
- Phishing
- Brute Force Hacking
- Website Drive-By
- Pre-Hacked Software
- Pre-Hacked Devices
- Data Destruction
- Data Exfiltration
- Ransomware
- Crypto-Jacking
- Persistent Threat
- Public Safety Cyberattack Case Studies
- Preventing Exploitation
- Cyber Hygiene
- Importance of a Cyber Response Plan
- Cybersecurity for Next Generation 9-1-1 (NG9-1-1)

Course Information

Date: April 22, 2020
Time: 8:00 a.m. – 5:00 p.m. (ET) (Noon – 1:00 – lunch on your own)
Location: Georgia Public Safety Training Center
1000 Indian Springs Drive
Forsyth, GA 31029
Course #: 56006
Tuition: APCO Members* -- $199
Non-Members -- $239
* Full, Associate and Commercial Members
Lodging: (See next page)

Register
Lodging

Hampton Inn  
$115 nightly rate  
(478) 994-9990  
360 S N Frontage Rd  
Forsyth GA 31029

LaQuinta  
$89 nightly rate *Price is discounted*  
(When booking be sure to reference your class at GPSTC to ensure the discounted rate)  
(478) 885-2500  
400 Russell Pkwy  
Forsyth, GA 31029

COMFORT SUITES  
$80 nightly rate  
(478) 994-9494  
343 Harold G Clarke Pkwy  
Forsyth, GA 31029

HOMEWOOD SUITES  
$180 nightly rate  
(478) 477-9776  
1514 Bass Rd  
MaconGA 31210

RESIDENCE INN  
$96 nightly rate *discounted rate*  
(When booking be sure to reference your class at GPSTC to ensure the discounted rate)  
(478) 475-4280  
3900 Sheraton Dr  
Macon, GA 31210

COURTYARD BY MARRIOTT  
$96 nightly rate *discounted rate*  
(When booking be sure to reference your class at GPSTC to ensure the discounted rate)  
(478) 477-8899  
3990 Sheraton Dr  
Macon, GA 31210