

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 <i>* Full, Associate and Commercial Members</i>
Lodging:	<i>(See next page)</i>

[Register](#)

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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