AWR-421 Demystifying Cyber Attacks

Through discussion, pre-recorded attacks, and live example attacks, Demystifying Cyber Attacks will explain and demonstrate common cyber attacks for non-technical participants. Participants will also learn how common cyber attacks can be disrupted at various points of the cyber kill chain using mitigation and response strategies.

Chief Authorization: NOT Required
Submit via www.lestafire.org

Required Textbook(s): Handouts will be provided
Required Equipment: Computer with audio/video capability and internet access
Cost: Free to all responders
DOH Con-ed Credits: 8 CPC
This course has been approved by the PA Dept of Health for 16 hours of continuing education credits for all ALS/BLS Providers.

Know Your Enemy: Types of Cyber Attacks

Location

Lehigh County Joint Operations Center

Address

4300 Broadway

Allentown PA 18104

Course Dates & Times

June 3rd 2025   0800-1700

Course Registration Deadline

6/2/25

Prerequisites

N/A

Registration Information

Registration is **required** through the **PA Train website**. Register for this course by visiting the following link

Please [CLICK HERE] to register, or visit https://www.train.org/pa/course/1122539/live-event

FEMA S.I.D. REQUIRED. Register for your FEMA Student Identification Number by visiting https://cdp.dhs.gov/femasid

For more information regarding this course, please contact the following:

Course Contact Person

Joseph Light

Couse Contact Phone #

(610) 762-4603

Course Contact Email Address

josephlight@lehighcounty.org

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Training Center

DEMYSTIFYING CYBER ATTACKS

AWR-421

DHS/FEMA-funded course

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DEMYSTIFYING CYBER ATTACKS

AWR-421

This course provides non-technical students a better understanding of various cyber attacks and how they occur. Cyber attacks will be demonstrated through discussion, videos, pre-recorded attacks, and live example attacks. Students will be introduced to the Cyber Kill Chain and the common process cyber criminals use when conducting cyber attacks. Through a better understanding of the Cyber Kill Chain, students will learn how to mitigate, disrupt, and stop cyber attacks.

Topics

- Terminology
- Threat Actors
- Cybersecurity Kill Chain
- How Threat Actors Use Attack Vectors
- Attack Vectors
- Thinking Like a Hacker
- Internet of Things (IoT)
- Cyber Hygiene
- Communication
- Cyber Awareness

Prerequisites

Must be a U.S. Citizen or Permanent Resident or receive approval from TEEX/DHS-FEMA prior to the start of the class. Please contact us for more information on the approval process.

FEMA / SID Number

Students must have a FEMA Student Identification Number (SID) to attend class. To obtain a SID, register online at **cdp.dhs.gov/femasid**

Course Length

Eight (8) Hours

CE Credits

IACET – .8CEUs

Venue

Jurisdiction, public, or private organization

Participants

Non-technical federal, state, local, regional, tribal, and territorial government officials; business leaders; managers; and employees who have an interested in improving cybersecurity at their organizations.

For more information, contact:
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