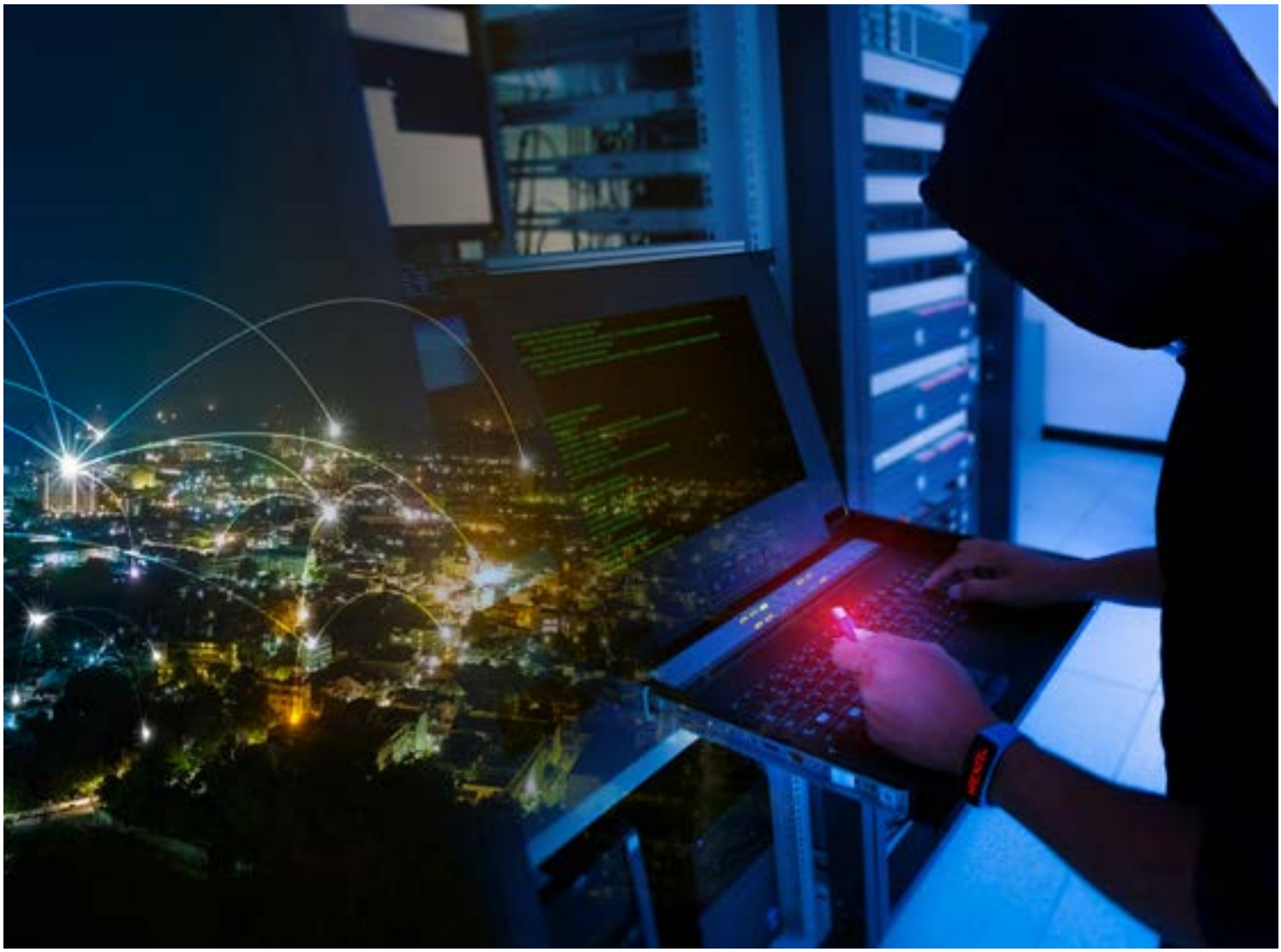
Texas A&M Engineering Extension Service

National Emergency Response and Recovery Training Center

UNDERSTANDING TARGETED CYBER ATTACKS

AWR-376

DHS/FEMA-funded course



FEMA

Texas A&M Engineering TEEX Extension Service

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This course provides participants with specific information regarding targeted cyber attacks, including advanced persistent threats. This information will place them in a better position to plan and prepare for, respond to, and recover from targeted cyber attacks. This course will fill the gap in threat-specific training for cybersecurity as a community-driven course that focuses on the phases of targeted cyber attacks and the attacker methods used during each phase. Participants will also receive valuable information on cyber attack prevention, mitigation and response.

Topics

- What is a Targeted Cyber Attack/Advanced Persistent Threat
- Phases of a Targeted Cyber Attack
- Developing the Attack Surface
- Types of Reconnaissance
- Inside the Target's System
- Managing Targeted Cyber Attacks

Prerequisites

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**

Recommendations

AWR 136 (Instructor led) – Essentials of Community Cybersecurity

AWR 175-W (Online) – Information Security for Everyone

Course Length

One Day (8 hours)

Class Size

25-40 Participants

Venue

Jurisdiction

CE Credits

IACET – 0.8 CEUs

Participants

- Information security and cybersecurity personnel and managers
- Emergency responders
- Risk management personnel
- Planners
- Emergency Management
- Healthcare
- Public Works
- Schools/Universities
- Critical infrastructure representatives from both private and public sectors
- Other personnel responsible for identifying and responding to cyber incidents and those who are involved in developing organization strategies.

For more information, contact:
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NDPC National Domestic Preparedness Consortium

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