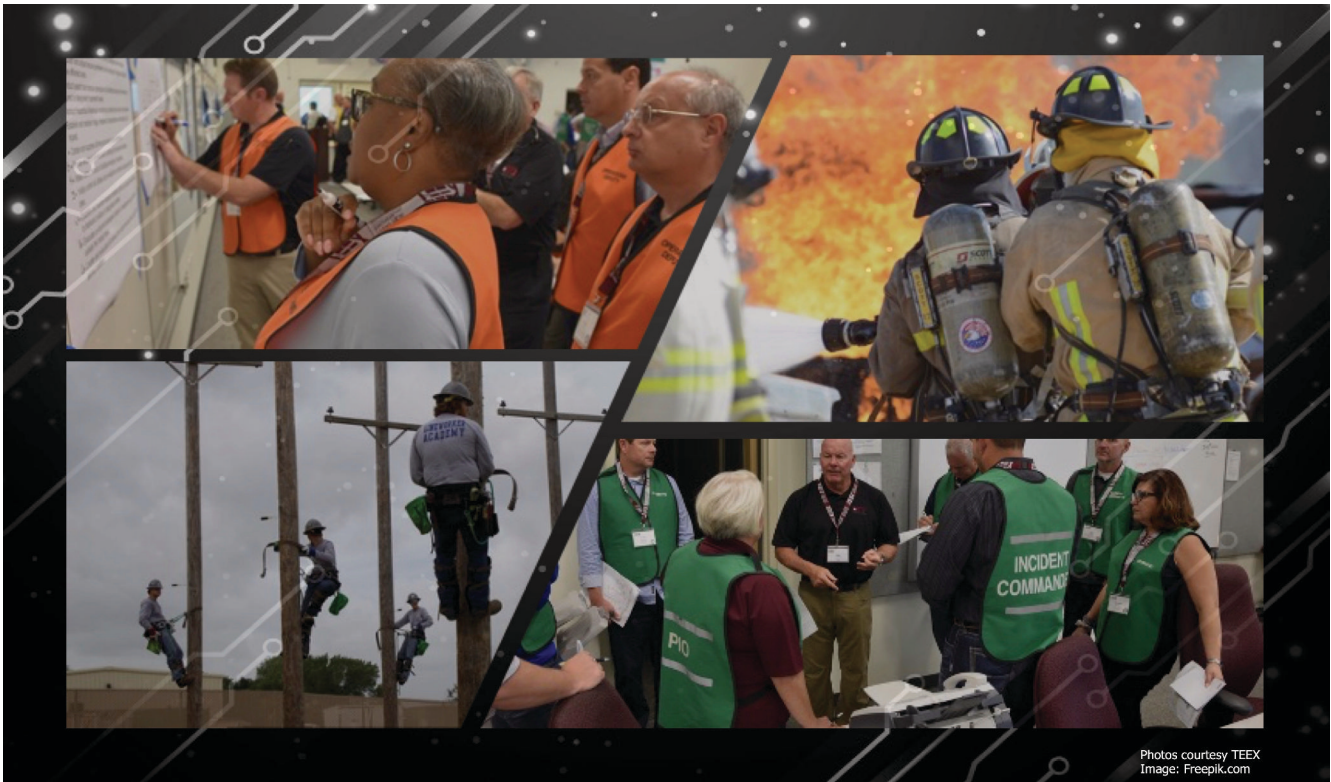


MGT 480-W / MGT 492-W

CYBER SECURITY AWARENESS AND STRATEGIES TO ENHANCE RESILIENCE OF RECOVERY AND RESPONSE OPERATIONS DURING DISASTERS



MGT 480-W / MGT 492-W

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The Internet of Things (IoT) has become an integral part of our country's core infrastructure at all levels. This raises the question: Are your response and recovery operations ready for cyber attacks? This course utilizes the whole-of-community approach to increase the awareness of opportunistic IoT based cyber attacks that might occur concurrently during an ongoing disaster response / recovery operation.

In this course, management and incident management teams will learn about the essential elements of cybersecurity and best practices, when to engage information technology, and how to implement strategies during physical disasters, including awareness of the vulnerabilities of IoT-related cyber attacks. Participants will also learn about cybersecurity resilience strategies to mitigate risk and disruption, while maintaining the integrity of the ongoing non-cyber related incident response and recovery operations.

The course uses state of the art artificial intelligence (AI) to adapt the content based on participants' engagement. Course progress is tracked, allowing participants to stop and then continue where they left off. Once enrolled, participants will have 120 days to complete the training at their own pace.

Note that participants will be able to instantly switch back and forth from/to the 3D VR based course environment to the web based course environment with the same content during this course.

TRAINING LEVEL

Management and Planning

ACCESS/INFRASTRUCTURE

MGT 480-W: Web-based access for 2-D content
MGT 492-W-VR: For VR-based content, check supported headsets using the QR-code

COURSE LENGTH

5.5 Hours

TOPIC

Cybersecurity

FOR MORE INFORMATION

Email: CRAVRE@purdue.edu

Use the QR-code for enrollment, VR-headset support, and additional information

PARTICIPANT AUDIENCE

The target audience for this course includes leaders who are decision-makers during response and recovery efforts, including:

- State, Local, Tribal, and Territorial leadership & management
- Councils of Government
- Emergency Management & Civil Defense
- School officials, administrators, & staff members
- Law Enforcement
- Fire Service & Hazardous Materials Response
- Public Health
- Environmental
- Transportation & Logistics
- Emergency Medical Service, Health Care Providers & Hospitals
- Private Industry Partners
- Non-Governmental Organizations

**FEMA**