



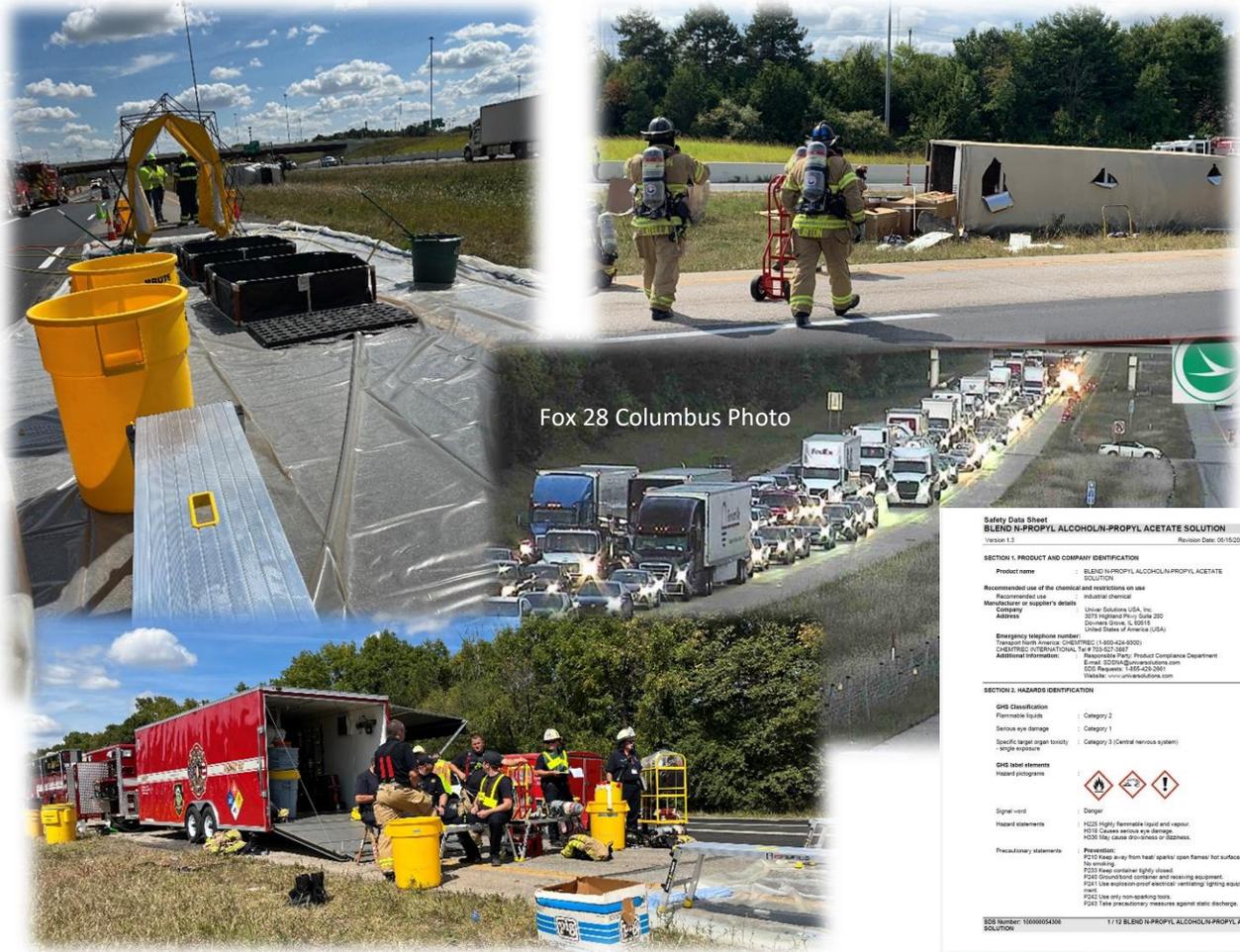
Integrated Preparedness Plan (IPP)



Franklin County 2025-2027

Our Mission

Franklin County Emergency Management & Homeland Security (FCEM&HS) coordinates and prepares for county-wide all-hazards disaster planning, community education, warning, training, grant funding, response, and recovery efforts in order to prepare and protect the citizens of Franklin County before, during, and after natural and man-made disasters.



Fox 28 Columbus Photo

Safety Data Sheet	
BLEND N-PROPYL ALCOHOL-N-PROPYL ACETATE SOLUTION	
Version: 1.3	Revision Date: 08/15/2023
SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION	
Product name:	BLEND N-PROPYL ALCOHOL-N-PROPYL ACETATE SOLUTION
Recommended use of the chemical and restrictions on use:	Industrial chemical
Recommended use:	Industrial chemical
Manufacturer or supplier's details:	Univar Solutions USA, Inc. 3075 Highland Plaza Suite 200 Downers Grove, IL 60518 United States of America (USA)
Company address:	
Emergency telephone number:	1-800-424-8000
Chemical Safety Information (CSH):	1-877-922-1683
Additional information:	Responsible Party: Product Compliance Department E-mail: SDS@univarsolutions.com SDS Reference: 1-888-429-2661 Website: www.univarsolutions.com
SECTION 2 - HAZARDS IDENTIFICATION	
GHS Classification:	
Flammable liquids:	Category 2
Serious eye damage:	Category 1
Specific target organ toxicity - single exposure:	Category 3 (Central nervous system)
GHS label elements:	
Signal word:	Danger
Hazard statements:	H226 (Highly) Flammable liquid and vapor H332 Causes serious eye damage H373 May cause drowsiness or dizziness
Precautionary statements:	P201 P202 P231 P232 P233 P240 P241 P242 P243 P273 P501
SDS Number:	10000004306
SOLUTION:	1 / 12 BLEND N-PROPYL ALCOHOL-N-PROPYL ACETATE SOLUTION

Cover photos and above photos are from a real-world incident that happened on September 19, 2023 at approximately 10:46a.m. It was a semi-tractor trailer accident. The tractor and its two pup trailers were on their side near the underpass of Interstate 71 (I-71) and Interstate 270 (I-270) junction on the south side of Franklin County. One of the trailers was carrying ten 55-gallon drums, or approximately 4,000 pounds, of a liquid mixture of n-Propanol and n-Propyl Acetate and a leak was detected.

This incident was utilized as an actual functional exercise to fulfill CEPAC's annual required exercise for the third year (July 2023-June 2024) of the current four-year exercise cycle.

CEPAC is the Local Emergency Planning Committee (LEPC) for Franklin County.

Cover and above photos are courtesy of the Northwest Area Strike Team (NAS-T) except for the traffic back-up photo which is from the Fox 28 Columbus website.

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Photos are from the L0-102 Science of Disaster class held at FCEM&HS on August 21-23, 2024.

This course provided the participants with an overview of scientific principles and concepts that shape our increasingly dangerous world. The contents of the course included the following:

- Introduction to Science of Disaster and provided a definition and benefits of science.
- Earth Science described how the Earth's design sets the stage for the world's natural hazards including earthquakes, volcanic eruptions, tsunamis, and landslides/sinkholes.
- Climatology described the scientific basis of common atmospheric hazards including convective storms, tropical cyclones, and other hazardous weather.
- Chemical and biological basics identified the scientific basis of chemical and biological threats.
- Explosive, radiological, and nuclear fundamentals identified the scientific basis of those threats.

Points of Contact

Local Points of Contact:

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Purpose

The Integrated Preparedness Planning Workshop (IPPW) is an annual meeting that establishes the strategy and structure for an exercise program and preparedness efforts while setting the foundation for the planning, conduct and evaluation of individual exercises. The IPPW for 2024 was held on September 26, 2024. Franklin County Emergency Management and Homeland Security (FCEM&HS) is the primary agency responsible for providing direction and oversight for the Franklin County IPP.

The Integrated Preparedness Cycle is a continuous process of planning, organizing/equipping, training, exercising, and evaluating/improving that ensures the regular examination of ever-changing threats, hazards, and risks. Preparedness priorities are developed to ensure that the needed preparedness elements are incorporated through this continual and reliable approach to achieve whole community preparedness.

An essential component of the exercise management process, the IPPW is a collaborative environment where whole community stakeholders can engage in a forum to discuss and coordinate training and exercise activities across local organizations to maximize the use of available resources and prevent duplication of effort. The Integrated Preparedness Plan (IPP) is a living document that will be updated and refined annually. Included in the IPP are the training and exercises that are scheduled in the region as well as additional needs identified through the Integrated preparedness Plan Workshop (IPPW), evaluation sheets from training classes held throughout the year, and improvement action items from exercises conducted.

The IPP includes the training and exercise schedule, which provides graphic illustration of the proposed activities scheduled for 2025-2027. It is representative of the natural progression of training and exercises that should take place in accordance with the building-block approach.

The training and exercise calendar not only shows the proposed activities but also includes Real-Word/Special Events. Several times throughout the year emergency responders are extremely busy due to local fairs, festivals, firework displays, etc. Including the time period of Real World/Special Events helps in the de-confliction of trainings and exercises.

Methodology

The methodology Franklin County Emergency Management & Homeland Security (FCEM&HS) used to identify training and exercise needs consisted of reviewing training and exercise action items from Improvement Plans created for exercises conducted the previous year, garnering needs from class evaluation forms, reviewing the top threats and hazards for Franklin County, and holding an IPPW to collect training and exercises currently scheduled, Real World/Special Events, as well as needed training and exercises.

During the IPPW, Franklin County partners from emergency management, law enforcement, fire service, public health, hospitals, public works, non-profits, and the private sector identified their training and exercise needs. Results from the Franklin County IPPW will be submitted to the Ohio Emergency Management Agency during the State's IPPW.

Much of the information collected during the survey pertained to three (3) aspects of the framework for preparedness: the specific "Core Capability" being evaluated, the "Mission Area" (i.e., prevent, protect, mitigate, respond, or recover) in which the capability was evaluated and the "Solution Areas" (i.e., planning, organization, equipment, training, and exercises) that were most pertinent to the gap in preparedness. For the purposes of this document, the information pertaining to training and exercises was assessed and details can be found in the Training & Exercise Section of this document.

Top Threats and Hazards for Franklin County

Below are the 17 hazards listed in order; the lower the numerical ranking, the higher the hazard's likelihood, and potential consequences in Homeland Security Region Four (HSR4) that includes Franklin County:

1. Flooding
2. Hazardous Materials (Transportation)
3. Pandemic
4. Cyber Threat
5. Extreme Cold
6. Severe Weather (Summer)
7. Active Shooter Incident
8. Extreme Heat

9. Tornado
10. Terrorist Incident
11. Severe Weather (Winter)
12. Hazardous Materials (Fixed Facility)
13. Radiological Incident
14. Drought
15. Civil Disturbance
16. Dam Failure
17. Earthquake

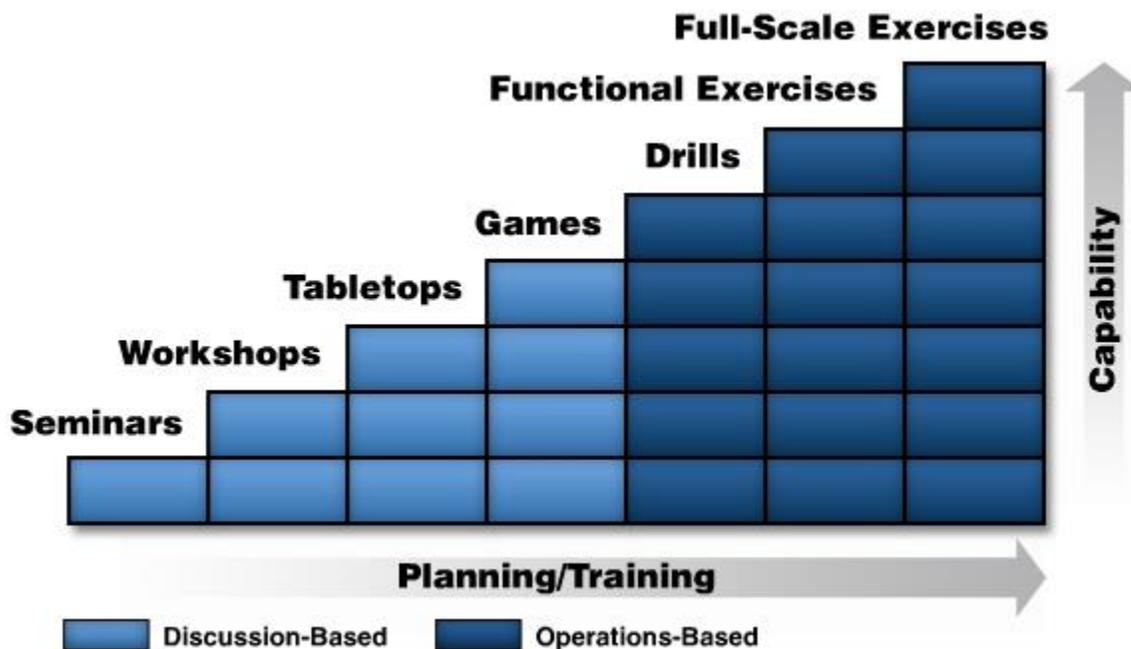


Photos are from the L-146 Homeland Security Exercise and Evaluation Program (HSEEP) class held at FCEM&HS on June 13 & 14, 2024.

This 2-day intermediate-level training program is designed for individuals involved in exercise programs and/or exercise design, development, conduct, evaluation, and improvement planning. It incorporates exercise guidance and best practices from the HSEEP Volumes.

Homeland Security Exercise and Evaluation Program (HSEEP)

The training and exercise program seeks to be Homeland Security Exercise and Evaluation Program (HSEEP) compliant to ensure a consistent approach to planning, conducting, and evaluating the training and exercise activities as well as implementing improvement planning. According to HSEEP, exercise's priorities and objectives should be designed with an increasing level of complexity over time. Figure below demonstrates the HSEEP progressive approach.



Exercise Controllers and Evaluators

It can sometimes be a challenge to find qualified individuals to serve as exercise controllers and evaluators. If you or someone in your organization is interested in being a controller or evaluator for exercises, please contact FCEM&HS.

G-300 and G-400 Classes continue to be the most requested classes in Franklin County.



Photos are from the August 14-16, 2024 G300 Intermediate ICS for Expanding Events

The G-300 21-hour classroom course provides training for personnel who require advanced application of the Incident Command System (ICS) and Individuals who may assume a supervisory role in incidents. This course expands upon information covered in the ICS 100 and ICS 200 courses. Pre-requisites for the G-300 class are ICS-100, 200, 700, 800.



Photos are from the September 19&20, 2024 G-400 Advanced ICS For Command & General Staff

The G-400 15-hour classroom course provides training for personnel who require advanced application of the Incident Command System (ICS). This course expands upon information covered in ICS-100, 200, 700, 800 and G-300 courses, which are the prerequisites for the G-400 course. The target audience for this course is senior personnel who expect to perform in a management capacity in an Area Command or Multi-Agency Coordination Entity.

Event Tracking

FCEM&HS utilizes their website, www.fcemhs.org, to publicize upcoming trainings. FCEM&HS internally tracks training participation and provides evaluations to training participants to gather feedback. FCEM&HS keeps records of the trainings they've hosted as well as records of their staff's training. Individual emergency partners track the training records of their staff.

Operations Section Chief

Must Be A:

- Leader
- Manager
- Coordinator
- Communicator
- Planner



Photos from the L-958 All-Hazards Operations Section Chief held at FCEM&HS on August 26-29, 2024.

This course addresses the responsibilities of an Operations Section Chief to ensure the maintenance of continuity and safety of on-site responders and the public. The course hones preexisting skillsets of Operation Section Chiefs in communication, staff functions for the local Incident Management Team (IMT), and successful management of an incident.

Operational Period Planning Cycle

- Planning P
- Sequence and relationships of the meetings, work periods, and briefings that comprise the Incident Action Planning Process.



FEMA Visual 2.5



Training & Exercise Needs

During the local IPPW, participants identified training and exercise needs, desired time frame for trainings or exercises and corresponding Core Capability tied to the training or exercise. The outcome is listed on the following 12 pages. NIMS Incident Command & Emergency Operations Center (EOC) trainings as well as NIMS Position Specific Courses and Cybersecurity Courses were considered priorities for the county.



FCEM&HS appreciates the opportunity to host training classes. As a courtesy to the students, snacks/coffee/hot water/tea/bottles of water, etc. are provided. A donation cup is available for those who wish to make a pay-it-forward donation, as the snacks during any given class are provided from the donations of the classes held before them. This photo is of the snack tables that were provided during the December 2024 L-967 Logistics Section Chief class.

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'25	1	FCPH MARCS & COHAN Alert Test Drill	Operational Communications	FCPH		X
'25	1	Foodborne Outbreak Training CPH	Public Health, Healthcare, & EMS	CPH	X	
'25	1	FCPH Regional Chemical TTX	Environmental Response/Health & Safety	FCPH		X
'25	1	Ohio Counter-terrorism Conference	Intelligence and Information Sharing	FCEM&HS	X	
'25	1	MRSE Workshop	Public Health, Healthcare, & EMS	COTS		X
'25	1	L-984 All Hazards Task Force/Strike Team Leader	Operational Coordination	FCEM&HS	X	
'25	1	Civil Disturbance Seminar	Operational Coordination	FCEM&HS		X
'25	1	Regional Chemical TTX	Environmental Response/Health & Safety	CPH		X
'25	1	COTS Annual Regional Summit	Mass Care Services	COTS	X	
'25	1	COTS Statewide MARCS Radio Drill	Operational Communications	COTS		X
'25	1	PER-298 Team Approach to Foodborne Outbreak Response	Environmental Response/Health & Safety	CPH	X	
'25	1	Tactical Chemistry HazMat Class	Environmental Response/Health & Safety	FCEM&HS	X	
'25	1	NWS Weather Spotter Seminar	Public Information & Warning	FCEM&HS	X	
'25	1	FCACC General Class	Operational Communications	Franklin County Amateur Comm. Club	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'25	1	Statewide Tornado Drill	Public Information & Warning	FCEM&HS		X
'25	1	CERT Train-the-Trainer	Community Resilience	FCEM&HS	X	
'25	1	Unified Command Leadership Workshop	Operational Coordination	CPH		X
'25	1	MGT-303 Cybersecurity Vulnerability Assessment	Cybersecurity	FCEM&HS	X	
'25	1	CPH POD Throughput & Activation Drill	Public Health, Healthcare, & EMS	CPH		X
'25	1	G-300 Intermediate ICS	Operational Coordination	Dublin PD	X	
'25	2	MGT-330 Whole Community Emergency Mgmt. Planning	Operational Coordination	FCEM&HS	X	
'25	2	FCPH MARCS and COHAN Alert Test Drill	Operational Communication	FCPH		X
'25	2	BioWatch Plan Refresher Training	Environmental Response/Health & Safety	CPH	X	
'25	2	MRSE FE	Public Health, Healthcare, & EMS	COTS		X
'25	2	G-300 Intermediate ICS	Operational Coordination	FCEM&HS	X	
'25	2	MGT-346 EOC Operations & Planning	Operational Coordination	FCEM&HS	X	
'25	2	MGT-466 Sport & Special Event Enhanced Risk Mgmt & Assessment	Operational Coordination	Nationwide Arena	X	
'25	2	HazMat Function Exercise	Environmental Response/Health & Safety	CEPAC		X

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'25	2	Red, White, & Blue Planning Workshop	Public Health, Healthcare, & EMS	COTS		X
'25	2	G-400 Advanced Incident Command System	Operational Coordination	FCEM&HS	X	
'25	2	OH-387 Family Assistance Center	Mass Care Services	FCEM&HS	X	
'25	2	MGT-304 Sport & Special Event Staff Training & Development	Operational Coordination	Nationwide Arena	X	
'25	2	MARCS Training	Operational Communications	CPH	X	
'25	2	MGT-484 Nature-Based Solutions for Mitigation Hazards in Cincinnati	Risk and Disaster Resilience Assessment	FCEM&HS	X	
'25	2	FCACC Net Control Class	Operational Communications	FCACC	X	
'25	2	FCACC Field Day	Operational Communications	FCACC	X	
'25	2	RHEP Regional FSE	Public Health, Healthcare, & EMS	COTS		X
'25	2	Dam/Levee Failure TTX	Risk and Disaster Resilience Assessment	FCEM&HS		X
'25	2	G-400 Advanced Incident Command System	Operational Coordination	Dublin PD	X	
'25	2	MGT-475 Crowd Management for Sport & Special Events	Operational Coordination	Nationwide Arena	X	
'25	3	MGT-318 Public information in an All-Hazards Incident	Public Information and Warning	ODH	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'25	3	CPH POD Setup-Data Collection Drills	Public Health, Healthcare, & EMS	CPH		X
'25	3	COPIN Call-Out Drill	Operational Communications	COPIN		X
'25	3	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'25	3	MGT-412 Sport & Special Events Evacuation & Protective Action	Operational Coordination	Nationwide Arena	X	
'25	3	BioWatch FSE CPH	Public Health, Healthcare, & EMS	CPH		X
'25	3	MGT-138 MSEL Workshop	Planning	FCEM&HS	X	
'25	3	MGT-139 Exercise Design	Planning	FCEM&HS	X	
'25	3	IDER Training	Public Health, Healthcare, & EMS	CPH	X	
'25	3	G-402 ICS Overview for Executives & Senior Officials	Operational Coordination	CPH	X	
'25	3	Hazardous Material Incident TTX	Environmental Response/Health & Safety	FCEM&HS		X
'25	3	G-300 Intermediate ICS	Operational Coordination	FCEM&HS	X	
'25	3	MGT-347 ICS Forms	Operational Coordination	FCEM&HS	X	
'25	3	MGT-324 Campus Emergencies Prevention, Response, and Recovery	Operational Coordination	OSU	X	
'25	3	FCACC Tech Class	Operational Communications	FCACC	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'25	3	CPH IPPW	Planning	CPH	X	
'25	3	FCEM&HS IPPW	Planning	FCEM&HS	X	
'25	3	G-400 Advanced ICS	Operational Coordination	FCEM&HS	X	
'25	3	E/L 964: All-Hazards Position Specific Situation Unit Leader	Operational Coordination	FCEM&HS	X	
'25	3	G-402 ICS Overview for Executives & Senior Officials	Operational Coordination	FCPH	X	
'25	4	Great US ShakeOut Earthquake Drill	Public Information & Warning	FCEM&HS		X
'25	4	FCPH/ARC Shelter Drill	Mass Care Services	FCPH		X
'25	4	COTS IPPW	Planning	COTS	X	
'25	4	FCACC – SET	Operational Communications	FCACC	X	
'25	4	CPH COOP PODS Workshop	Public Health, Healthcare, & EMS/Mass Care Services	CPH		X
'25	4	COOP Training	Planning	CPH	X	
'25	4	FCPH MARCS and COHAN Alert Test	Planning	FCPH		X
'25	4	Terrorism Biological TTX	Environmental Response/Health & Safety	FCEM&HS		X
'25	4	COMT	Operational Coordination	FCEM&HS	X	
'25	4	Capstone Workshop	Public Health, Healthcare, & EMS	CPH		X
'25	4	Air Monitoring Workshop with EPA	Environmental Response/Health & Safety	CPH		X
'25	4	COML	Operational Coordination	FCEM&HS	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'26	1	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'26	1	ARC TTX	Public Health, Healthcare	CPH		X
'26	1	PDS Training	Public Health, Healthcare	CPH	X	
'26	1	Administrative Preparedness Workshop	Operational Coordination	CPH		X
'26	1	MCM Plan	Public Health, Healthcare, & EMS	CPH	X	
'26	1	Public Health Emergency Seminar	Public Health, Healthcare, & EMS	FCEM&HS		X
'26	1	Inventory Management Training	Public Health, Healthcare, & EMS	CPH	X	
'26	1	G-300 Intermediate ICS	Operational Coordination	FCEM&HS	X	
'26	1	L-958 NIMS ICS All-Hazards Operations Section Chief	Operational Coordination	FCEM&HS	X	
'26	1	Civil Disturbance TTX	On-scene Security, Protection, and Law Enforcement	FCEM&HS		X
'26	1	NWS Weather Spotter Seminar	Public Information & Warning	FCEM&HS	X	
'26	1	FCACC General Class	Operational Communications	FCACC	X	
'26	1	Statewide Tornado Drill	Public Information & Warning	FCEM&HS		X
'26	1	AWR-136 Essentials of Community Cybersecurity	Cybersecurity	FCEM&HS	X	
'26	1	MGT-906 ICS Curricula TtT	Operational Coordination	FCEM&HS	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'26	1	AWR-383 Cybersecurity Risk Awareness for Officials & Senior Mgmt.	Cybersecurity	FCEM&HS	X	
'26	1	G-400 Advanced Incident Command System	Operational Coordination	FCEM&HS	X	
'26	2	CEPAC/LEPC TTX	Environmental Response/Health and Safety	FCEM&HS		X
'26	2	CDS Workshop	Public Health, Healthcare,	CPH		X
'26	2	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'26	2	OH-202 Debris Management Workshop	Planning	FCEM&HS		X
'26	2	Severe Summer Storms Seminar	Public Information & Warning	FCEM&HS		X
'26	2	G-300 Intermediate ICS	Operational Coordination	FCEM&HS	X	
'26	2	MGT-439 Pediatric Disaster Response & Emergency Preparedness	Public Health, Healthcare, & EMS	Nationwide Childrens Hospital	X	
'26	2	MRSE FE	Public Health, Healthcare, & EMS	COTS		X
'26	2	OH-387 Family Assistance Center Planning & Reunifications Operations	Mass Care Services	FCEM&HS	X	
'26	2	G-400 Advanced Incident Command System	Operational Coordination	FCEM&HS	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'26	2	Regional Biological Game	Environmental Response/Health and Safety	CPH		X
'26	2	Red, White & Blue Planning Workshop	Planning	COTS		X
'26	2	MARCS Training CPH	Operational Communications	CPH	X	
'26	2	Mass Casualty-Trauma Incident FE	Operational Coordination/Mass Care Services	FCEM&HS		X
'26	2	FCACC Net Control	Operational Communications	FCACC	X	
'26	2	FCACC Field Day	Operational Communications	FCACC		X
'26	2	RHEP Regional FSE	Public Health, Healthcare, & EMS	COTS		X
'26	3	IDER Training	Public Health, Healthcare, & EMS	CPH	X	
'26	3	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'26	3	OH-606 Recovery from Disaster Workshop	Economic Recovery	FCEM&HS	X	
'26	3	G-300 Intermediate ICS	Operational Coordination	FCEM&HS	X	
'26	3	COOP TTX	Operational Coordination	FCEM&HS		X
'26	3	CRAA John Glenn Intn'l Airport FSE	Operational Coordination/Mass Care Services	CRAA		X
'26	3	G-400 Advanced Incident Command System	Operational Coordination	FCEM&HS	X	
'26	3	Chemical Awareness/SDS Training	Environmental Response/Health and Safety	CPH	X	
'26	3	FCEM&HS IPPW	Planning	FCEM&HS	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'26	3	CPH IPPW	Planning	CPH	X	
'26	4	Great US ShakeOut Earthquake Drill	Public Information & Warning	FCEM&HS		X
'26	4	FCACC – SET	Operational Communications	FCACC	X	
'26	4	Crim/Epi Course	Public Health, Healthcare, & EMS	CPH	X	
'26	4	CAMEO Training	Environmental Response/Health and Safety	CPH	X	
'26	4	COTS IPPW	Planning	COTS	X	
'26	4	FCPH/ARC Shelter Drill	Mass Care Services	FCPH		X
'26	4	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'26	4	IDER TTX – Mosquito borne Disease	Public Health, Healthcare, & EMS	CPH		X
'26	4	L-962 NIMS ICS All-Hazards Planning Section Chief	Operational Coordination	FCEM&HS	X	
'26	4	COTS Monthly HCC Communication Drill	Operational Communications	COTS		X
'26	4	PDS Activation for Private PODs Drill	Public Health, Healthcare, & EMS	CPH		X

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'27	1	ARC Set-up Drill	Mass Care Services	CPH		X
'27	1	FCPH MARCS & COHAN Alert Test Drill	Operational Communications	FCPH		X
'27	1	G-300 Intermediate ICS	Operational Coordination	FCEMHS	X	
'27	1	MCM Plan Training	Public Health, Healthcare, & EMS	CPH	X	
'27	1	G-272 Warning Coordination	Public Information and Warning	FCEM&HS	X	
'27	1	Mass Communications Failure Seminar	Operational Communications	FCEM&HS		X
'27	1	Mass Casualty-Trauma Incident FSE	Operational Coordination/Mass Care Services	FCEM&HS		X
'27	1	NWS Weather Spotter Seminar	Public Information & Warning	FCEMHS	X	
'27	1	Statewide Tornado Drill	Public Information & Warning	FCEM&HS		X
'27	1	FCACC General Class	Operational Communications	FCACC	X	
'27	1	AWR-421 Demystifying Cyber Attacks	Cybersecurity	FCEM&HS	X	
'27	1	Natural Disasters TTX	Operational Coordination	CPH		X
'27	2	L-950 NIMS All-Hazards Incident Commander Course	Operational Coordination	FCEM&HS	X	
'27	2	MARCS Training	Operational Communications	CPH	X	
'27	2	FCPH MARCS Drill & COHAN Alert Test Drill	Operational Communications	FCPH		X
'27	2	CDS TTX	Public Health, Healthcare,	CPH		X

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'27	2	Severe Summer Storms TTX	Public Information & Warning	FCEM&HS		X
'27	2	MRSE FE	Public Health, Healthcare,	COTS		X
'27	2	CEPAC/LEPC FSE	Environmental Response/Health and Safety	FCEM&HS		X
'27	2	State/Regional Biological FE	Environmental Response/Health and Safety	CPH		X
'27	2	Capstone Drill	Public Health, Healthcare,	CPH		X
'27	2	Red, White & Blue Planning Workshop	Planning	COTS		X
'27	2	G-400 Advanced Incident Command System	Operational Coordination	FCEM&HS	X	
'27	2	Temperature Extremes Seminar	Public Information & Warning	FCEM&HS		X
'27	2	FCACC Net Control	Operational Communications	FCACC	X	
'27	2	FCACC Field Day	Operational Communications	FCACC		X
'27	2	RHEP Regional FSE	Public Health, Healthcare,	COTS		X
'27	3	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'27	3	Mass Casualty – Trauma Incident FSE	Operational Coordination/ Mass Care Services	FCEM&HS		X
'27	3	Severe Summer Storms TTX	Public Information & Warning	FCEM&HS		X
'27	3	MRSE FE	Public Health, Healthcare,	COTS		X
'27	3	FCACC Tech Class	Operational Communications	FCACC	X	

Yr	Qtr	Subject Matter	Core Capability	Lead Discipline	Training	Exercise
'27	3	CRAA John Glenn Intn'l Airport FSE	Operational Coordination	CRAA		X
'27	3	FCEM&HS IPPW	Planning	FCEM&HS	X	
'27	3	CPH IPPW	Planning	CPH	X	
'27	3	COTS IPPW	Planning	COTS	X	
'27	4	Great US ShakeOut Earthquake Drill	Public Information and Warning	FCEM&HS		X
'27	4	COTS Cybersecurity TTX	Cybersecurity	COTS		X
'27	4	FCPH/ARC Shelter Drill	Mass Care Services	FCPH		X
'27	4	L-965 NIMS ICS All-Hazards Resources & Demob Unit Leaders	Operational Coordination	FCEM&HS	X	
'27	4	FCACC – SET	Operational Communications	FCACC	X	
'27	4	FCPH MARCS and COHAN Alert Test Drill	Operational Communications	FCPH		X
'27	4	CDS EOC FE	Public Health, Healthcare,	CPH		X
'27	4	Inventory Management Training	Public Health, Healthcare,	CPH	X	
'27	4	Mass Casualty – Trauma Incident FSE	Operational Coordination/Mass Care Services	FCEM&HS		X

Training and Exercise Calendars

This section of this document is the Regional Training and Exercise Calendars for 2025-2027. These calendars identify the training and exercises currently scheduled in the County as well as those needed but not yet scheduled. Significant special events have been added to the calendar to avoid scheduling conflicts. The training and exercise calendar is an ever-changing document and will be updated as new information becomes available.

Blue font indicates training, red font indicates exercise, green font indicates real-world/special events.

Types of Courses

The various preface codes that are associated with the trainings offered in Ohio:

- AWR – Awareness level training offered by consortium partners
- E – Resident courses held at the EMI National Emergency Training Campus (NETC)
- G – FEMA Emergency Management Institute (EMI) state sponsored field delivery classroom courses
- IS – FEMA Independent Study FEMA courses
- K – FEMA Courses offered virtually that would normally be a “G” course
- L – A mobile delivery of an EMI course that is located away from the EMI campus and taught by FEMA Certified Instructors
- MGT – Management level training offered by consortium partners
- OH – State of Ohio developed courses. Some courses may use modified FEMA curriculum to meet the needs of Ohio residents.
- V – Ohio EMA virtually offered trainings

2025 Multiyear Training, Exercise, and Real-World Events Schedule

2025 Multiyear Training, Exercise, and Real-World Events Schedule													
Qtr 1			Qtr 2			Qtr 3			Qtr 4				
J	F	M	A	M	J	J	A	S	O	N	D		
Franklin County	FCPH MARCS and COHAN Alert Test Drill	L-984 All Hazards Task Force/Strike Team Leader TBD	NWS Weather Spotter Seminar FCACC General Class	MGT-330 Whole Community Emergency Management Planning 4/10/2025	CEPAC/LEPC Functional Exercise 2025 Red, White & Blue Planning Workshop COTS	MGT-484 Nature-Based Solutions for Mitigating Hazards in Cincinnati 6/28/2025	Red, White & Boom 7/3/25	Peletonia 8/1-3/2025	Mass Casualty – Trauma Incident FSE	Central US ShakeOut Earthquake Drill 10/16/2025	Elections 11/4/2025	First Night Columbus 12/31/2025	
	Foodborne Outbreak Training CPH	Civil Disturbance Seminar	Statewide Tornado Drill 3/19/2025 @ 9:50am	FCPH MARCS and COHAN Alert Test Drill	Memorial Tournament 5/26/2025-6/1/2025	Gahanna Creekside Blues and Jazz Festival 6/14-15/2025	Jazz & Rib Fest 7/18-20/2025	Dublin Irish Festival 8/1-3/2025	FCACC Tech Class CPH IPPW	FCPH/ARC Shelter Drill	Capstone Workshop CPH	Air Monitoring Workshop with EPA CPH	
	FCPH Regional Chemical TTX 1/16/2025	CHEMPACK TTX CPH	CERT Train-the-Trainer 3/14-16/2025	Unified Command Leadership Workshop CPH	BioWatch Plan Refresher Training CPH	Sonic Temple Festival 5/8-11/2025	FCACC Net Control Class	Good Guys PG Hot Rod & Custom Car Nationals 7/11-13/2025	BioWatch FSE CPH	FCEM&HS IPPW	COTS IPPW FCACC - SET	OSU Home Football Game 11/15/2025	
		Regional Chemical TTX 1/16/2025 CPH				Race for the Cure 5/17/25		Franklin County Fair 7/14-20/2025	CBUS Soul Festival 8/16/2025	New Albany Walking Classic 9/14/2025	FCPH Influenza Vaccination POD		
	Ohio Counter-terrorism Conference 1/15&16/25	Arnold Sports Fest/ Expo 2/28/2025-3/2/2025	MGT-303 Cybersecurity Vulnerability Assessment 3/11-12/2025	OSU Home Football Game Cap City Half Marathon 4/26/2025	Ohio Honor Ride, Ride-2-Recovery New Albany 5/24/2025	FCACC Field Day Last full weekend of June Juneteenth Celebration 6/14-15/2025	MGT-318 Public Information in an All-Hazards Incident 7/22&23/25 ODH	Hilliard Food Truck Fest 8/16/ 2025	Oktoberfest 9/5-7/2025	CPH COOP PODS Workshop October TBD	CPH Seasonal Flu Clinic	Hot Chocolate Run 11/16/2025	
		COTS Annual Regional Summit	CPH POD Throughput & Activation Drill	MRSE FE COTS	Asian Festival 5/24-25/2025	RHEP Regional FSE COTS	Doo Dah 7/4/2025			Festival Latino 8/9&10/2025		A & F Challenge New Albany 9/19/2025	

2025 Multiyear Training, Exercise, and Real-World Events Schedule

2025 Multiyear Training, Exercise, and Real-World Events Schedule											
Qtr 1			Qtr 2			Qtr 3			Qtr 4		
J	F	M	A	M	J	J	A	S	O	N	D
MRSE Workshop COTS	COTS Statewide MARCS Radio Drill	African American Heritage Festival OSU 3/27- 4/3/2025	G-300 Intermediate ICS 4/2-4/2025	G-400 Advanced Incident Command System 5/8&9/25	Comfest 6/27-29/ 2025	CPH POD Setup/Data Collection Drills	MGT-138 MSEL Workshop and MGT- 139 Exercise Design TBD	OSU Home Football Game 9/6/2025	FCPH MARCS and COHAN Alert Test Drill	Veteran's Day Parade 11/10/2025	COM-L
			MGT-346 EOC Operations & Planning 4/22&23/25		Columbus Arts Festival 6/6-7/2025	COPIN Call-Out Drill		OSU Home Football Game 9/13/2025			
	Columbus Winterfair 2/1-2/2025	Tactical Chemistry HazMat Class 2/17-21/25	COSI Science Festival 4/30- 5/3/2025	OH-387 Family Assistance Center TBD	Columbus Summer Wine Festival 6/7/2025	FCPH MARCS and COHAN Alert Test Drill 7/6/25	OSU Home Football Game 8/30/2025	Quarter Horse Congress @ Fairgrounds 9/27/2025 - 10/26/2025	OSU Home Football Game 10/4/2025	CPH Seasonal Flu Clinic	
	PER-298 Team Approach to Foodborne Outbreak Response CPH 2/25&26/24	AWR-167 Sport & Special Events Risk Mgmt & Planning 3/25&26/25 Nationwide Arena	MGT-466 Sport & Special Event Enhanced Risk Mgmt & Assessment 4/29&30/25 Nationwide Arena	MGT-304 Sport & Special Event Staff Training & Development 5/21&22/25 Nationwide Arena	Dam/Levee Failure TTX	Ohio State Fair 7/23 – 8/3/2025	MGT-324 Campus Emergencies Prevention, Response, & Recovery OSU	E/L 964: All- Hazards Position Specific Situation Unit Leader TBD	Highball Halloween 10/25/2025		
		AWR-319 Leveraging Tools for Conducting Damage Assessments 3/6/2025			Columbus Taco Fest 5/17-18/2025	G-400 Advanced Incident Command System 6/12&13/25	Columbus Food Truck Festival 7/11- 12/2025	Columbus Greek Festival 8/29- 9/1/2025	G-402 ICS Overview for Executives and Senior Officials - FCPH	Columbus Italian Festival 10/10-11/2025	
		Elections 4/1/2025		Ohio Black Expo 5/24-25/2025	MARCS Training CPH	Buckeye Superfest 6/21/2025	Gahanna Park Street Festival 7/3/2025	IDER Training CPH	Columbus Full Marathon 10/19/2025	COMT	

2025 Multiyear Training, Exercise, and Real-World Events Schedule

Qtr 1			Qtr 2			Qtr 3			Qtr 4		
J	F	M	A	M	J	J	A	S	O	N	D
		G-300 Intermediate ICS 3/12-14/2025			Worthington Music & Arts Festival 6/12- 13/2025	MGT-412 Sport & Special Events Evacuation & Protective Action 7/15&16/25 Nationwide Arena	G-402 ICS Overview for Executives and Senior Officials - CPH	Upper Arlington Labor Day Arts Fest 9/2/2025	Columbus Oktoberfest 10/5-7/2025		
					MGT-475 Crowd Managemen t for Sport & Special Events 6/24&25/25 Nationwide Arena		Heart Walk 8/16/2025	Lithopolis Honey Fest 9/5-6/2025			
							Hazardous Material Incident TTX	Columbus Serbian Festival 9/19-20/2025			
							G-300 Intermediate ICS	G-400 Advanced Incident Command System			
							MGT-347 ICS Forms 8/13/2025				
							African American Wellness Walk/5K 8/9/2025				
							Reynoldsbur g Tomato Festival 8/7- 8/2025				

2026 Multiyear Training, Exercise, and Real-World Events Schedule												
Qtr 1			Qtr 2			Qtr 3			Qtr 4			
J	F	M	A	M	J	J	A	S	O	N	D	
Franklin County	FCPH MARCS and COHAN Alert Test Drill	Administrative Preparedness Workshop CPH	NWS Weather Spotter Seminar	Cap City Half Marathon	OH-387 Family Assistance Center Planning & Reunification Operations	Columbus Arts Festival	Red, White & Boom	OSU Home Football Game	CRAA John Glenn Intrnl Airport FSE	Great US Central US ShakeOut Earthquake Drill	OSU Home Football Game	First Night Columbus 12/31/26
			FCACC General Class	CEPAC/LEPC TTX		Columbus Pride Festival	Cultural Wall Music Festival		Oktoberfest			
	ARC TTX CPH	MCM Plan Training CPH	Statewide Tornado Drill @ 9:50am	OSU Spring Game	Race for the Cure	MARCS Training CPH	Jazz & Rib Fest	Dublin Irish Festival	Greek Festival	Crim/Epi Course CPH	Veteran's Day Parade	PDS Activation for Private PODs Drill CPH
		Public Health Emergency Seminar	Arnold Sports Festival	CDS Workshop CPH	G-400 Advanced Incident Command System	Mass Casualty – Trauma Incident FE	IDER Training CPH	OH-606 Recovery from Disaster Workshop	G-400 Advanced Incident Command System	CAMEO Training CPH	IDER TTX-Mosquitoborne Disease CPH	
		Inventory Management Training CPH	AWR-136 Essentials of Community Cybersecurity 3/11/2026	African American Heritage Festival OSU	Buckeye Superfest	FCACC Net Control Class	Good Guys PG Hot Rod & Custom Car Nationals	Park Street Festival	New Albany Walking Classic	OSU Home Football Game	L-962 NIMS ICS All-Hazards Planning Section Chief	
				Asian Festival	FCPH Influenza Vaccination POD					OSU Home Football Game 11/15/25		
	PDS Training CPH	G-300 Intermediate ICS	MGT-906 ICS Curricula TtT (L449) 4/20-24/26	FCPH MARCS and COHAN Alert Test Drill	Ohio Honor Ride, Ride-2-Recovery New Albany	Comfest	Ohio State Fair July/ August	Columbus Food Truck Fest	A & F Challenge New Albany	Columbus Italian Festival	CPH Seasonal Flu Clinic	CPH Seasonal Flu Clinic
		L-958 NIMS ICS All-Hazards Operations Section Chief	AWR-383 Cybersecurity Risk Awareness for Officials & Senior Management 3/11/2026	OH-202 Debris Management Workshop	Sonic Temple Festival	FCACC Field Day Last full weekend of June	North Market Food & Ohio Wine Festival	Peletonia	OSU Home Football Game	Columbus Full Marathon	Hot Chocolate Run	

2026 Multiyear Training, Exercise, and Real-World Events Schedule

2026 Multiyear Training, Exercise, and Real-World Events Schedule											
Qtr 1			Qtr 2			Qtr 3			Qtr 4		
J	F	M	A	M	J	J	A	S	O	N	D
	Civil Disturbance TTX	G-400 Advanced Incident Command System	Severe Summer Storms Seminar	Regional Biological Game CPH	Creekside Blues and Jazz Festival	Franklin County Fair	Heart Walk	FCACC Tech Class	OSU Home Football Game	OSU Home Football Game	
			MGT-439 Pediatric Disaster Response & Emergency Preparedness 4/23&24/2026 Nationwide Childrens	Red, White & Blue Planning Workshop COTS	Muirfield Memorial Golf Tournament	FCPH MARCS and COHAN Alert Test Drill	Festival Latino	Chemical Awareness/ SDS Training CPH	FCPH MARCS and COHAN Alert Test Drill	COTS Monthly HCC Communication Drill	
			MRSE FE COTS		RHEP Regional FSE COTS		G-300 Intermediate ICS	Quarter Horse Congress @ Fairgrounds	FCPH/ARC Shelter Drill		
			G-300 Intermediate ICS				COOP TTX	FCEM&HS IPPW	Highball Halloween		
								CPH IPPW			
								COTS IPPW			

2027 Multiyear Training, Exercise, and Real-World Events Schedule

2027 Multiyear Training, Exercise, and Real-World Events Schedule												
Qtr 1			Qtr 2			Qtr 3			Qtr 4			
J	F	M	A	M	J	J	A	S	O	N	D	
Franklin County	ARC Set-up Drill CPH	COOP FE CPH	NWS Weather Spotter Seminar	L-950 NIMS All-Hazards Incident Commander Course	CEPAC/LEPC FSE Sonic Temple Festival	Columbus Arts Festival	Red, White & Boom	OSU Home Football Game	FCACC Tech Class	Great US Central US ShakeOut Earthquake Drill 10/15/2026	Veteran's Day Parade	First Night Columbus 12/31/26
	FCPH MARCS and COHAN Alert Test	MCM Plan Training CPH	Statewide Tornado Drill 3/18/2026 @ 9:50am	MARCS Training CPH	Race for the Cure	Columbus Pride Festival	Jazz & Rib Fest	Dublin Irish Festival	Oktoberfest	COTS Cybersecurity TTX	Hot Chocolate Run	Mass Casualty – Trauma Incident FSE
		G-300 Intermediate ICS	Arnold Sports Festival	African American Heritage Festival OSU	Buckeye Superfest	FCACC Field Day Last full weekend of June	Good Guys PG Hot Rod & Custom Car Nationals	Columbus Food Truck Fest	CRAA John Glenn Intn'l Airport FSE	FCACC – SET	L-965 NIMS ICS All-Hazards Resources & Demob Unit Leaders	
		G-272 Warning Coordination	FCACC General Class	Cap City Half Marathon	Ohio Honor Ride, Ride-2-Recovery New Albany	FCACC Net Control Class	Ohio State Fair July/August	Festival Latino	FCEM&HS IPPW	FCPH Influenza Vaccination POD	OSU Home Football Game	CPH Seasonal Flu Clinic
		Mass Communications Failure Seminar	AWR-421 Demystifying Cyber Attacks 3/10/2027	FCPH MARCS Drill and COHAN Alert Test Drill	State/Regional Biological FE CPH	RHEP Regional FSE COTS	Franklin County Fair	Mass casualty – Trauma Incident FSE	Quarter Horse Congress @ Fairgrounds	Columbus Full Marathon	OSU Home Football Game	
	Mass Casualty – Trauma Incident FSE	Natural Disasters TTX CPH	CDS TTX CPH	Capstone Drill CPH	Muirfield Memorial Golf Tournament	Cultural Wall Music Festival	Peletonia	G-400 Advanced Incident Command System	OSU Home Football Game	OSU Home Football Game		

2027 Multiyear Training, Exercise, and Real-World Events Schedule

Qtr 1			Qtr 2			Qtr 3			Qtr 4		
J	F	M	A	M	J	J	A	S	O	N	D
			Severe Summer Storms TTX	Red, White & Blue Planning Workshop COTS	Creekside Blues and Jazz Festival	FCPH MARCS and COHAN Alert Test Drill	Park Street Festival	New Albany Walking Classic	OSU Home Football Game	CDS EOC FE CPH	
			MRSE FE COTS	G-400 Advanced Incident Command System	Juneteenth festival		IDER EOC FE CPH	A & F Challenge New Albany	Highball Halloween	Inventory Management Training CPH	
				Temperature Extremes Seminar	Comfest		G-300 Intermediate ICS	Greek Festival	FCPH MARCS and COHAN Alert Test Drill		
								OSU Home Football Game	FCPH/ARC Shelter Drill		
								CPH IPPW			



October 10, 2024 Mass-Casualty Full Scale Exercise (FSE) at the Bolton Field Airport

The exercise scenario event was a small-scale Cruise-In/Fly-In event held on the ramp at the Bolton Field Airport, attracting a small crowd. Various static aircraft displays, and classic cars lined the area. Around 0900L, a distracted driver lost control of their vehicle and crashed into a group of spectators before colliding with a nearby static aircraft, resulting in a fire. There appeared to be around 50 casualties with a wide range of injuries from lacerations, broken bones, trauma, and burns, as well as several unconscious or possibly deceased persons. The driver may have been still inside the vehicle unable to get out due to injuries.

During this exercise, the use of the new CFD EMS Triage Band System was utilized and EMS EMTrack entries. This helps track patients both for the hospitals and Family Reunification.

Photos provided by John Glenn Columbus Regional Airport Authority (CRAA)
and Mount Carmel Health System



Defense Supply Center Exercise

Defense Supply Center Columbus' emergency response procedures were tested during a full-scale crisis response exercise September 19, 2024.

Soldiers assigned to the Ohio Army National Guard Regional Training Institute reacted to an exercise scenario of a chemical release outside the building while two active shooters breached both floors inside the facility.

Write-up and photos above courtesy of DLA/DSCC.

Appendix A: FEMA Core Capabilities List

Listed below are the thirty-two (32) core capabilities identified in the National Preparedness Goal. They can also be found here: <https://www.fema.gov/emergency-managers/national-preparedness/mission-core-capabilities>

These capabilities are referenced in many national preparedness efforts, including the National Planning Frameworks. The Goal grouped the capabilities into five mission areas, based on where they most logically fit. Some fall into only one mission area, while some others apply to several mission areas. The five mission areas are: Prevent; Protect; Mitigate; Respond; Recover.

1. Planning

- Mission Areas: All
- Description: Conduct a systematic process engaging the whole community as appropriate in the development of executable strategic, operational, and/or tactical-level approaches to meet defined objectives.

2. Public Information and Warning

- Mission Areas: All
- Description: Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate.

3. Operational Coordination

- Mission Areas: All
- Description: Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.

4. Forensics and Attribution

- Mission Area: Prevention
- Description: Conduct forensic analysis and attribute terrorist acts (including the means and methods of terrorism) to their source, to include forensic analysis as well as attribution for an attack and for the preparation for an attack in an effort to prevent initial or follow-on acts and/or swiftly develop counter-options.

5. Intelligence and Information Sharing

- Mission Areas: Prevention, Protection
- Description: Provide timely, accurate, and actionable information resulting from the planning, direction, collection, exploitation, processing, analysis, production, dissemination, evaluation, and feedback of available information concerning physical and cyber threats to the United States, its people, property, or interests; the development, proliferation, or use of Weapons of Mass Destruction (WMD); or any other matter bearing on United States (U.S.) national or homeland security by local, state, tribal, territorial, Federal, and other stakeholders. Information sharing is the ability to exchange intelligence, information, data, or knowledge among government or private sector entities, as appropriate.

6. Interdiction and Disruption

- Mission Areas: Prevention, Protection
- Description: Delay, divert, intercept, halt, apprehend, or secure threats and/or hazards.

7. Screening, Search, and Detection

- Mission Areas: Prevention, Protection
- Description: Identify, discover, or locate threats and/or hazards through active and passive surveillance and search procedures. This may include the use of systematic examinations and assessments, bio-surveillance, sensor technologies, or physical investigation and intelligence.

8 Access Control and Identity Verification

- Mission Area: Protection
- Description: Apply and support necessary physical, technological, and cyber measures to control admittance to critical locations and systems.

9. Physical Protective Measures

- Mission Area: Protection
- Description: Implement and maintain risk-informed countermeasures, and policies protecting people, borders, structures, materials, products, and systems associated with key operational activities and critical infrastructure sectors.

10. Cybersecurity

- Mission Area: Protection
- Description: Protect (and, if needed, restore) electronic communications systems, information, and services from damage, unauthorized use, and exploitation.

11. Supply Chain Integrity and Security

- Mission Area: Protection
- Description: Strengthen the security and resilience of the supply chain.

12. Risk Management for Protection Programs and Activities

- Mission Area: Protection
- Description: Identify, assess, and prioritize risks to inform Protection activities, countermeasures, and investments.

13. Risk and Disaster Resilience Assessment

- Mission Area: Mitigation
- Description: Assess risk and disaster resilience so that decision makers, responders, and community members can take informed action to reduce their entity's risk and increase their resilience.

14. Community Resilience

- Mission Area: Mitigation
- Description: Enable the recognition, understanding, communication of, and planning for risk and empower individuals and communities to make informed risk management decisions necessary to adapt to, withstand, and quickly recover from future incidents.

15. Long-term Vulnerability Reduction

- Mission Area: Mitigation
- Description: Build and sustain resilient systems, communities, and critical infrastructure and key resources lifelines so as to reduce their vulnerability to natural, technological, and human-caused threats and hazards by lessening the likelihood, severity, and duration of the adverse consequences.

16. Threats and Hazards Identification

- Mission Area: Mitigation
- Description: Identify the threats and hazards that occur in the geographic area; determine the frequency and magnitude; and incorporate this into analysis and planning processes so as to clearly understand the needs of a community or entity.

17. Environmental Response/Health and Safety

- Mission Area: Response
- Description: Conduct appropriate measures to ensure the protection of the health and safety of the public and workers, as well as the environment, from all-hazards in support of responder operations and the affected communities.

18. Critical Transportation

- Mission Area: Response
- Description: Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected areas.

19. Situational Assessment

- Mission Area: Response
- Description: Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response.

20. Fatality Management Services

- Mission Area: Response
- Description: Provide fatality management services, including decedent remains recovery and victim identification, working with local, state, tribal, territorial, insular area, and Federal authorities to provide mortuary processes, temporary storage, or permanent internment solutions, sharing information with mass care services for the purpose of reunifying family members and caregivers with missing persons/remains, and providing counseling to the bereaved.

21. Fire Management and Suppression

- Mission Area: Response
- Description: Provide structural, wildland, and specialized firefighting capabilities to manage and suppress fires of all types, kinds, and complexities while protecting the lives, property, and the environment in the affected area.

22. Infrastructure Systems

- Mission Area: Response, Recovery
- Description: Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community.

23. Logistics and Supply Chain Management

- Mission Area: Response
- Description: Deliver essential commodities, equipment, and services in support of impacted communities and survivors, to include emergency power and fuel support, as well as the coordination of access to community staples. Synchronize logistics capabilities and enable the restoration of impacted supply chains.

24. Mass Care Services

- Mission Area: Response
- Description: Provide life-sustaining and human services to the affected population to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies.

25. Mass Search and Rescue Operations

- Mission Area: Response
- Description: Deliver traditional and atypical search and rescue capabilities, including personnel, services, animals, and assets to survivors in need, with the goal of saving the greatest number of endangered lives in the shortest time possible.

26. On-scene Security, Protection, and Law Enforcement

- Mission Area: Response
- Description: Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for response personnel engaged in lifesaving and life-sustaining operations.

27. Operational Communications

- Mission Area: Response
- Description: Ensure the capacity for timely communications in support of security, situational awareness, and operations by any and all means available, among and between affected communities in the impact area and all response forces.

28. Public Health, Healthcare, and Emergency Medical Services

- Mission Area: Response
- Description: Provide lifesaving medical treatment via Emergency Medical Services and related operations and avoid additional disease and injury by providing targeted public health, medical, and behavioral health support, and products to all affected populations.

29. Health and Social Services

- Mission Area: Recovery
- Description: Restore and improve health and social services capabilities and networks to promote the resilience, independence, health (including behavioral health), and well-being of the whole community.

30. Economic Recovery

- Mission Area: Recovery
- Description: Return economic and business activities (including food and agriculture) to a healthy state and develop new business and employment opportunities that result in an economically viable community.

31. Natural and Cultural Resources

- Mission Area: Recovery
- Description: Protect natural and cultural resources and historic properties through appropriate planning, mitigation, response, and recovery actions to preserve, conserve, rehabilitate, and restore them consistent with post-disaster community priorities and best practices and in compliance with appropriate environmental and historical preservation laws and executive orders.

32. Housing

- Mission Area: Recovery
- Description: Implement housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience.

Appendix B: Exercise Types

Discussion-Based Exercises

Discussion-based exercises are normally used as a starting point in the progressive planning and building-block approach and to the cycle, mix, and range of exercises laying the foundation for more involved simulations and practical drills later on, providing a diverse range of exercise types throughout the training cycle. Discussion-based exercises include seminars, workshops, tabletop exercises (TTXs), and games. These types of exercises typically highlight existing plans, policies, mutual-aid agreements (MAAs), and procedures. Thus, they are exceptional tools for familiarizing agencies and personnel with current or expected jurisdictional capabilities. Discussion-based exercises typically focus on strategic, policy-oriented issues; operations-based exercises focus more on tactical, response-related issues. Facilitators and/or presenters usually lead the discussion, keeping participants on track while meeting the objectives of the exercise.

Seminars

Seminars are generally used to orient participants to or provide an overview of authorities, strategies, plans, policies, procedures, protocols, response resources, or concepts and ideas. Seminars provide a good starting point for jurisdictions that are developing or making major changes to their plans and procedures. They offer the following attributes:

- Informal discussions led by a seminar leader
- Lack of time constraints caused by real-time portrayal of incidents
- Low-stress environment employing a number of instruction techniques such as lectures, multimedia presentations, panel discussions, case study discussion, expert testimony, and decision support tools
- Proven effectiveness with both small and large groups

Workshops

Workshops represent the second tier of exercises in the Homeland Security Exercise and Evaluation Program (HSEEP) progressive planning and building-block approach. Although similar to seminars, workshops differ in two important aspects: participant interaction is increased, and the focus is on achieving or building a product (such as a plan or a policy). Workshops provide an ideal forum for the following:

- Building teams
- Collecting or sharing information
- Obtaining consensus
- Obtaining new or different perspectives
- Problem solving of complex issues
- Testing new ideas, processes, or procedures
- Training groups in coordinated activities

In conjunction with exercise development, workshops are most useful in achieving specific aspects of exercise design such as the following:

- Determining evaluation elements and standards of performance
- Determining program or exercise objectives
- Developing exercise scenario and key events listings

A workshop may be used to produce new standard operating procedures (SOPs), Emergency Operations Plans (EOPs), MAAs, Multi-Year Training and Exercise Plans (TEPs), and Improvement Plans (IPs). To be effective, workshops must be highly focused on a specific issue, and the desired outcome or goal must be clearly defined. Potentially relevant topics and goals are numerous, but all workshops share the following common attributes:

- Effective with both small and large groups
- Facilitated, working breakout sessions
- Goals oriented toward an identifiable product
- Information conveyed employing different instructional techniques
- Lack of time constraint from real-time portrayal of incidents
- Low-stress environment
- No-fault forum
- Plenary discussions led by a workshop leader

Tabletop Exercises (TTXs)

TTXs involve key personnel, senior staff, elected or appointed officials who discuss hypothetical scenarios in an informal setting. This type of exercise can be used to assess plans, policies, and procedures or to assess the systems needed to guide the prevention of, response to, and recovery from a defined incident. TTXs typically are aimed at facilitating understanding of concepts, identifying strengths and shortfalls, and achieving changes in the approach to a particular situation. Participants are encouraged to discuss issues in depth and develop decisions through slow-paced problem solving, rather than the rapid, spontaneous decision making that occurs under actual or simulated emergency conditions. The effectiveness of a TTX is derived from the energetic involvement of participants and their assessment of recommended revisions to current policies, procedures, and plans.

TTX methods are divided into two categories: basic and advanced. In a basic TTX, the situation established by the scenario materials remains constant. It describes an emergency incident (i.e., scenario) and brings discussion participants up to the simulated present time. Players apply their knowledge and skills to a list of problems presented by the leader/moderator; problems are discussed as a group; and the leader generally agrees on and summarizes the resolutions.

In an advanced TTX, play revolves around delivery of pre-scripted messages to players that alter the original scenario. The exercise controller (or moderator) usually introduces problems one at a time in the form of a written message, simulated telephone call, videotape, or other means. Participants discuss the issues raised by the simulated problem, applying appropriate plans and procedures. TTX attributes may include the following:

- Achieving limited or specific objectives
- Assessing interagency coordination
- Conducting a specific case study
- Examining personnel contingencies
- Familiarizing senior officials with a situation
- Participating in information sharing
- Practicing group problem solving
- Testing group message interpretation

Operations-Based Exercises

Operations-based exercises represent the next iteration of the exercise cycle and are utilized to validate the plans, policies, agreements, and procedures solidified in discussion-based exercises. Operations-based exercises include drills, functional exercises (FEs), and full-scale exercises (FSEs). They can clarify roles and responsibilities, identify gaps in resources needed to implement plans and procedures, and improve individual and team performance. Operations-based exercises are characterized by actual response, mobilization of apparatus and resources, and commitment of personnel, usually over an extended period of time.

Drills

A drill is a coordinated, supervised activity usually used to test a single specific operation or function in a single agency. Drills are commonly used to provide training on new equipment, develop or test new policies or procedures, or practice and maintain current skills. Typical attributes include the following:

- A narrow focus, measured against established standards
- Instant feedback
- Performance in isolation
- Realistic environment

Functional Exercises (FEs)

An FE is designed to validate and evaluate individual capabilities, multiple functions, activities within a function, or interdependent groups of functions. Incidents are

projected through an exercise scenario with incident updates that drive activity at the management level. An FE simulates the reality of operations in a functional area by presenting complex and realistic problems that require rapid and effective responses by trained personnel in a highly stressful, time-constrained environment. Response and recovery focused FEs generally concentrate on exercising the plans, policies, procedures, and staffs of the direction and control branches of Incident Command (IC), Unified Command (UC), and/or multiagency coordination centers (e.g., emergency operation centers [EOCs]). Movement of personnel and equipment is simulated.

Prevention-focused FEs typically concentrate on exercising the plans, policies, procedures, agreements, networks, and staffs of fusion centers or law enforcement agencies with counterterrorism missions. Adversary actions are largely simulated and delivered in the form of shared intelligence; however, some of these actions may be carried out by simulated adversaries, or Red Teams, in a separate but coordinated category of exercise play.

Full-Scale Exercises (FSEs)

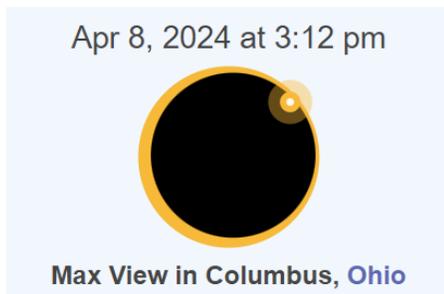
The FSE is the most complex type of exercise. FSEs are multiagency, Multijurisdictional, multi-organizational exercises that validate many facets of preparedness. They focus on implementing and analyzing the plans, policies, procedures, and cooperative agreements developed in discussion-based exercises and honed in previous, smaller, operations-based exercises. In FSEs, the reality of operations in multiple functional areas presents complex and realistic problems that require critical thinking, rapid problem solving, and effective responses by trained personnel. During FSEs, incidents are projected through a scripted exercise scenario with built-in flexibility to allow updates to drive activity. FSEs are conducted in real time, creating a stressful, time-constrained environment that closely mirrors real incidents. The level of support needed to conduct an FSE is greater than that needed during other types of exercises. Response-focused FSEs include many first responders operating under the principles of the National Incident Management System (NIMS) to effectively and efficiently respond to an incident. Personnel and resources are mobilized and deployed to the scene where they conduct their activities as if a real incident had occurred (with minor exceptions). An FSE also may include functional play from participants not located at the exercise incident response site, such as multiagency coordination centers (MACCs), EOCs, or hospitals. Typical FSE attributes include the following:

- Activating personnel and equipment
- Allocating resources and personnel
- Analyzing memorandums of understanding (MOUs), SOPs, plans, and policies
- Assessing equipment capabilities

- Assessing organizational and individual performance
- Assessing organizational and individual performance
- Demonstrating interagency cooperation
- Exercising public information systems
- Testing communications systems and procedures

The level of support needed to conduct an FSE is greater than needed during other types of exercises. The exercise site is usually extensive with complex site logistics. Food and water must be supplied to participants and volunteers. Safety issues, including those surrounding the use of props and special effects, must be monitored.

FSE controllers ensure that participants' behavior remains within predefined boundaries. Simulation Cell controllers continuously inject scenario elements to simulate real incidents. Evaluators observe behaviors and compare them against established plans, policies, procedures, and standard practices (if applicable). Safety controllers ensure all activity is conducted within a safe environment.



The FCEM&HS Director and Deputy Director, along with some of the staff, viewed the eclipse outside of their building. All wore certified eclipse glasses.

SOLAR ECLIPSE

A total solar eclipse visited Ohio on April 8, 2024. It was a Partial Solar Eclipse in Columbus, Ohio which began at 1:55 pm with maximum eclipse at 3:12 pm and ended at 4:27 pm for a total duration of 2 hours, 31 minutes.

Only 21 total solar eclipses have crossed the lower 48 states during the existence of the United States of America. The last total solar eclipse visible in Ohio was in 1806, and the next total solar eclipse will not pass through Ohio until the year 2099.

Appendix C: Emergency Management Professional Development Guidance/Certificate Programs

Professional Development Series (PDS) (All on-line at <https://training.fema.gov/is/>)

- IS-120.c An Introduction to Exercises
- IS-230.d Fundamentals of Emergency Management
- IS-235.c Emergency Planning
- IS-240.b Leadership and Influence
- IS-241.b Decision Making and Problem Solving
- IS-242.b Effective Communication
- IS-244.b Developing and Managing Volunteers

Advanced Professional Series (APS)

5 Required Courses

- G-2300 Intermediate Emergency Operations Center Functions (Replaced G-775) or IS-2200 Basic EOC Functions (Independent Study)
- G-191 Incident Command System/Emergency Operations Center Interface, or E/L/K-449 ICS Train the Trainer
- G-557 Rapid Assessment Workshop,
- G/OH-205 Recovery from Disaster, the Local Government Role, or E/K-210 Recovery from Disaster, the Local Government Role
- G-393 Mitigation for Emergency Managers or G/K/L/OH-318 Local Mitigation Planning

Elective Courses (choose any 5)

- G-288 Local Volunteer and Donations Management
- G-364 Multi-Hazard Emergency Planning for Schools, or L/K-363 Multi-Hazard Planning for Higher Education
- IS-703 NIMS Resource Management (Independent Study)
- G/OH-202 Debris Management or E/K-202 Debris Management Planning for State, Local and Tribal Officials
- G-386 Mass Fatalities

- G-361 Flood Fight Operations
- Integrated Emergency Management Course (IEMC) - One of the IEMC courses E900
- G-108 Community Mass Care and Emergency Assistance
- G-358 Evacuation and Re-entry Planning
- E/L/K-105 Public Information Basics or G-290 Basic Public Information Officer or E-388 Advanced Public Information Officer or E/L952 All Hazards Public Information Officer
- G-271 Hazardous Weather and Flood Preparedness, or IS-271 Anticipating Hazardous Weather and Community Risk (Independent Study)
- G-272 Warning Coordination
- E/L/K/OH-146 - Homeland Security Exercise and Evaluation Program (HSEEP)
- G-235 Emergency Planning
- E/L/G-141 Instructional Presentation and Evaluation Skills
- After completion of the required classes, you will need to complete the APS Document Checklist and submit to Ohio EMA. <https://ema.ohio.gov/prepare-respond/training-and-exercises> On the page that opens up, click on the “Training” link to the left, on the new page that opens up click on the “Documents and Policies” link on the left, and then click on the “Advanced Professional Series Certification Request” link as seen in the photo below.

The screenshot shows the 'Documents & Policies' section of the Ohio EMA website. On the left sidebar, 'Documents & Policies' is selected. The main content area features a search bar and a 'Filter by Topic' dropdown menu. Below these are four content cards. The third card, 'Advanced Professional Series Certification Request', is circled in red. The card includes the FEMA logo and text: 'To receive your APS certificate, scan & email your completed request form & course completion.' The fourth card, 'Do's and Don'ts of Adult Instruction', features a quote from Albert Einstein: 'I never teach my pupils, I only attempt to provide the conditions in which they can learn.'

Infrastructure Protection – Texas A&M Engineering Extension (TEEX)

- AWR-213 Critical Infrastructure Security Resilience Awareness
- MGT-310 Threat and Hazard Identification and Risk Assessment and Stakeholder Preparedness Review
- MGT-315 Conducting Risk Assessments for Critical Community Assets/Critical Asset Risk Management
- MGT-414 Critical Infrastructure Resilience and Community Lifelines
- MGT-452 Physical and Cyber Security for Critical Infrastructure
- https://teex.org/wp-content/uploads/Infrastructure-Protection-Certificate-Application_08-04-2023.pdf

Infrastructure Disaster Management – TEEX

- MGT-317 Disaster Management for Public Services
- MGT-341 Disaster Preparedness for Hospitals and Healthcare Organizations withing the Community Infrastructure
- MGT-343 Disaster Management for Water and Wastewater Utilities
- MGT-345 Disaster Management for Electric Power Systems
- <https://nisdev.wpengine.com/wp-content/uploads/IDMCP-Certificate-App.pdf>

Community Disaster Preparedness for Healthcare – TEEX

- PER-211 Medical Management of CBRNE Events
- MGT-348 Medical preparedness and Response to Bombing Incidents
- MGT-439 Pediatric Disaster Response and Emergency Preparedness
- MGT-319 Medical Countermeasures: Point of Dispensing (POD), Planning and Response
- <https://teex.org/wp-content/uploads/CommunityDisasterPreparednessHealthcare-Certificate-Request-Form.pdf>

Cybersecurity Certificate Series Certificates – TEEEX

Certificate I: Cybersecurity Essentials Certificate

Note: All courses must be taken within three (3) years of the date of the application.

- AWR397 Cybersecurity for Everyone (Online)
- AWR395 Cybersecurity in the Workplace (Online)
- AWR136 Essentials of Community Cybersecurity (Instructor-Led)
- AWR376 Understanding Targeted Cyber Attacks (Instructor-Led)
- MGT452 Physical and Cybersecurity for Critical Infrastructure (Instructor-Led)
- Once all five (5) courses have been completed, participants must register for the Cybersecurity Essentials Certificate Program at <https://teex.org/program/cybersecurity-essentials/>

Certificate II: Cybersecurity Preparedness Certificate

Note: All courses must be taken within three (3) years of the date of the application.

- AWR376 Understanding Targeted Cyber Attacks (Instructor-Led)
- AWR169 Cyber Incident Response and Analysis (Online)
- AWR177 Information Risk Management (Online)
- AWR395 Cybersecurity in the Workplace (Online)
- AWR399 Detecting and Responding to a Cyber Attack (Online)
- AWR176 Disaster Recovery for Information Systems (Online)
- MGT384 Community Preparedness for Cyber Incidents (Instructor-Led) Once all seven (7) courses have been completed, participants must
- <https://teex.org/program/cybersecurity-preparedness/>

Certificate III: Cybersecurity Awareness Certificate (All Online Courses)

Note: All courses must be taken within three (3) years of the date of the application.

- AWR376 Understanding Targeted Cyber Attacks (Instructor-Led)
- AWR169 Cyber Incident Response and Analysis (Online)

- AWR177 Information Risk Management (Online)
- AWR395 Cybersecurity in the Workplace (Online)
- AWR399 Detecting and Responding to a Cyber Attack (Online)
- AWR176 Disaster Recovery for Information Systems (Online)
- MGT384 Community Preparedness for Cyber Incidents (Instructor-Led)
- Once all six (6) courses have been completed, participants must register for the Cybersecurity Awareness Certificate Program at <https://teex.org/program/cybersecurity-awareness/>

Certificate IV: Cybersecurity Risk Management Certificate (All Online Courses)

Note: All courses must be taken within three (3) years of the date of the application.

- AWR169 Cyber Incident Analysis and Response
- AWR176 Disaster Recovery for Information Systems
- AWR177 Information Risk Management
- AWR395 Cybersecurity in the Workplace
- AWR399 Detecting and Responding to a Cyber Attack
- AWR174 Cyber Ethics
- Once all six (6) courses have been completed, participants must register for the Cybersecurity Risk Management Certificate Program at <https://teex.org/program/cybersecurity-risk-management/>

Certificate V: Technical Cybersecurity Certificate (All Online Courses)

Note: All courses must be taken within three (3) years of the date of the application.

- AWR169 Cyber Incident Analysis and Response
- AWR176 Disaster Recovery for Information Systems
- AWR177 Information Risk Management
- AWR395 Cybersecurity in the Workplace
- AWR399 Detecting and Responding to a Cyber Attack
- AWR174 Cyber Ethics
- Once all six (6) courses have been completed, participants must register for the Technical Cybersecurity Certificate Program at <https://teex.org/program/technical-cybersecurity/>



**Photos are from the MGT-465 Recovering from Cybersecurity Incidents
held at FCEM&HS on November 6&7, 2024**

This course is designed to provide guidance for the implementation of an effective cybersecurity incident recovery program from a pre-incident and post-incident perspective. The training focuses on connecting IT with emergency management and is intended for government, critical infrastructure, and private sector personnel who have the responsibility for recovering after a cyber incident. Short term tactical and long-term strategic activities are discussed culminating in the development of an action plan.

Master PIO – Emergency Management Institute (EMI)

- E0389 – Master Public Information Officer Part 1
- E0393 – Master Public Information Officer Part 2
- E0394 – Master Public information Officer Part 3
- MPIO paper (an original paper, developed and finalized over ⁴⁷ the course of the 10 month program)

Master Exercise Practitioner – EMI

- E0132 – Foundations, Program Management, Design and Development
- E0133 – Conduct, Exercise, Evaluation, and Improvement Planning
- K0136 MEPP Capstone Presentation

Professional Continuity Practitioner Level I – Federal Emergency Management Agency (FEMA)

Complete ALL of the following:

- IS 1300: Introduction to Continuity of Operations. (*This course replaces IS-546.a Continuity of Operations Awareness Course and IS-547.a Introduction to Continuity of Operations.)
- IS 242.b or equivalent E/L/G course: Effective Communication
- IS 545: Reconstitution Planning Workshop
- IS 248: Integrated Public Alert and Warning System (IPAWS) for the American Public
- IS 230.d: Fundamentals of Emergency Management or equivalent E/L/G course: Principles of Emergency Management
- IS 700.a: Introduction to the National Incident Management System (NIMS)
- IS 800.b: A National Response Framework (NRF): An Introduction
- IS 520: Introduction to Continuity of Operations Planning for Pandemic Influenza Course

Complete ONE of the following:

- IS 100.b: Intro to Incident Command System (ICS)
- IS 200.c: Basic Incident Command System for Initial Response

Complete ONE of the following:

- E/L/K 1302: Continuity Program Management
- E/L/K 548: Continuity Program Management (*This course was replaced by E/L/K 1302 in March 2021 and effectively retired. Course completions of E/L/K 548 prior to 2019 will require taking of E/L/K 1302.)

Complete ONE of the following:

- E/L/K 1301: Continuity Planning
- E/L/K 550: Continuity Planners Course (*This course was replaced by E/L/K 1301 in March 2021 and effectively

retired. Course completions of E/L/K 550 prior to 2019 will require taking of E/L/K 1301.)

- L 552: Continuity of Operations for Tribal Government Course

Complete ONE of the following:

- IS 120.a: Introduction to Exercises
- E 136: Exercise Development Course (limited to EMI Resident Master Exercise Practitioner Program (MEPP) candidates)
- E/L 547: Continuity Exercise Design Course (CEDC)
- E/L 554: Pandemic Influenza (PI) Determined Accord Workshop

Master Continuity Practitioner Level II – FEMA

Complete ALL of the following:

- IS 130a: How to be an Exercise Evaluator OR E 132 (limited to EMI Resident MEPP candidates) OR G130 Exercise Evaluation
- IS 240.b OR equivalent E/L/G course: Leadership and Influence
- IS 551: Devolution Planning Workshop
- IS 156: Building Design for Homeland Security Course for Continuity of Operations

Complete ONE of the following:

- PER 266: Instructor Training Certification (ITC)
- E/L/G 141: Instructional Presentation & Evaluation Skills Course
- MGT 323: Instructor Development Workshop

Complete ONE of the following:

For those seeking completion of Level 2 and not wishing to be an instructor:

- Capstone Presentation

For prospective instructors:

Assist instructing ONE of the following

- E/L/K 1302: Continuity Program Management
- E/L/K 1301: Continuity Planning

Please contact FEMA-Continuity-Practitioner@fema.dhs.gov for more information on completing this requirement.

Applicants for the Master Continuity Practitioner's Continuity Excellence Series (CES) - Level II must attain the following:

- Obtain a CES—Level I, Professional Continuity Practitioner qualification
- Pass a Written Comprehensive Exam
 - 150 Questions
 - 70 percent Required Score to Pass

Applicants are eligible to take the comprehensive exam once they have completed all Level I and Level II requirements. Please contact for more information on the examination.

NOTE: Previous EMI Course Versions are acceptable.

Applicants are eligible to take the comprehensive exam once they have completed all Level I and Level II requirements. Please contact FEMA-Continuity-Practitioner@fema.dhs.gov for more information on the examination.

Basic/Advanced/Executive Academies

The Basic Academy consists of the following classroom courses. Attendance at each course is required. E/L0101, Foundations of Emergency Management, should be taken first but is not required. <https://training.fema.gov/programs/empp/basic/>

- E0101, Foundations of Emergency Management (40 hours) 5 days
- E0102, Science of Disaster (24 hours) 3 days
- E0103, Planning: Emergency Operations (16 hours) 2 days
- E/0105, Public Information and Warning (24 hours) 3 days
- E0146, Homeland Security Exercise and Evaluation Program (HSEEP) Training Course (16 hours) 2 days **
- Total course hours: 120 hours

Prerequisites

Twelve online Independent Study courses are required as prerequisites to the classroom courses. All eleven must be completed before submitting an application for E/L0101

- IS-100: Introduction to the Incident Command System
- IS-120: Introduction to Exercise
- IS-200: ICS for Single Resources
- IS-230: Fundamentals of Emergency Management

- IS-235: Emergency Planning
- IS-240: Leadership and Influencing
- IS-241: Decision Making
- IS-242: Effective Communication
- IS-244: Developing and Managing Volunteers
- IS-700: National Incident Management System, An Introduction
- IS-800: National Response Framework, An Introduction
- IS-29 Public Information Officer Awareness (prerequisite for E0105)

Basic/Advanced/Executive Academies

The Advanced Academy program consists of the following 4 classroom courses, comprising 4 weeks (20 days, 133 hours) of learning. Attendance at each course is mandatory. <https://training.fema.gov/programs/empp/advanced/>

The courses must be attended in sequential order during the current Federal fiscal year, and completion of a comprehensive paper is required prior to successful graduation from the program.

- E0451 Advanced I – Application of Advanced Individual Concepts in EM
- E0452 Advanced II – Assessment of Teams in Professional Emergency Management
- E0453 Advanced III – Contemporary Issues in the Emergency Management Organization
- E0454 Advanced IV - Advanced Concepts and Policy in the EM Profession

Basic/Advanced/Executive Academies

The Executive Academy is designed for emergency management senior leaders in State, Local, Tribal, and Territorial governments; non-governmental organizations (NGOs), academic institutions, and private sector entities. Ideal candidates will serve in key senior leadership positions and are responsible for decisions that have a significant effect on emergency management policies.

<https://training.fema.gov/programs/empp/executive/>

Classroom Course Requirement

- E0680: Examining Emergency Management Policy and Doctrine (32 hours) 4 days
- E0682: Leading Complex Systems (32 hours) 4 days

- E0684: Interpreting the Contemporary Emergency Management Environment (32 hours) 4 days
- E0686: Creating the Emergency Management Stakeholder Community (32 hours) 4 days



Photos are from the L-967 Logistics Section Chief Incidents class held at FCEM&HS on December 9-13, 2024

This L967 Logistics Section Chief course provides local and state-level emergency responders with a robust understanding of the duties, responsibilities, and capabilities of an effective Logistics Section Chief on an All-Hazards Incident Management Team (AHIMT). These responsibilities fall into two categories: responding to the incident and effectively fulfilling the position responsibilities of a Logistics Section Chief on an AHIMT. Exercises, simulations, discussions, and a final exam enable participants to process and apply their new knowledge.

Appendix D: National Incident Management System (NIMS) Training

Incident Command System (ICS) and NIMS Courses

The National Incident Management System (NIMS) guides all levels of government, nongovernmental organizations, and the private sector to work together to prevent, protect against, mitigate, respond to and recover from incidents. NIMS provides stakeholders across the whole community with the shared vocabulary, systems, and processes to successfully deliver the capabilities described in the National Preparedness System. NIMS defines operational systems that guide how personnel work together during incidents. Local, state, territorial, and tribal nation jurisdictions are required to adopt NIMS in order to receive federal Preparedness grants.

- ICS-100: Introduction to the Incident Command System
- ICS-200: ICS for Single Resources and Initial Action Incidents
- ICS-300: Intermediate ICS for Expanding Incidents
- ICS-400: Advanced ICS for Command and General Staff
- IS-700: National Incident Management System, An Introduction
- IS-703: NIMS Resource Management
- IS-706: NIMS Intrastate Mutual Aid – An Introduction
- IS-800: National Response Framework, An Introduction
- G-191: Incident Command System/ Emergency Operations Center Interface
- G-402 Incident Command System (ICS) Overview for Executives/Senior Officials
- E/L/G-2300 Intermediate Emergency Operations Center Functions

ICS 300/400, G-191, G-402, and G-2300 are coordinated by FCEM&HS and the Ohio Emergency Management Agency. All other classes can be taken online at the FEMA Independent Study Website: <https://training.fema.gov/is/>.

NIMS ICS Instructor – Becoming a NIMS Instructor

Participants must qualify as either a NIMS Lead or Unit instructor and demonstrate a working knowledge of ICS principles. It is required that they have worked as an Incident Commander, in a Command or General Staff position(s) on incidents, planned events, or exercises that went longer than one operational period or involved a written incident action plan and involved multiple agency and/or jurisdictional coordination.

Required Prerequisites: Applicants must have completed the MOST CURRENT VERSION of the following prerequisites for consideration to attend a course: IS-100.c Intro to the ICS, IS-200.c ICS for Single Resources and Initial Action Incidents, IS-700.b, Intro to the NIMS, IS-800.d National Response Framework (NRF), ICS-300 Intermediate ICS for Expanding Events (certificate dated 2019 or later), ICS-400 Advanced Incident Command System for Complex Incidents (certificate dated 2019 or

later), G-191 EOC/ICS Interface (certificate dated 2019 or later). Additionally, a Formal Instructor training such as the M-410 National Wildland Coordinating Group Facilitative Instructor or EMI Master Trainer Program, E/L-141 Instructional Presentation and Evaluation Skills, LSU's MGT-323 Instructor Development Workshop or equivalent. The NIMS ICS Instructor Course can be requested through FCEM&HS. FCEM&HS can then request and, if approved, coordinate with Ohio EMA to secure a class.

All-Hazards Position Specific Courses

- E/L 950: All-Hazards Position Specific Incident Commander
- E/L 952: All-Hazards Position Specific Public Information Officer
- E/L 954: All-Hazards Position Specific Safety Officer
- E/L 956: All-Hazards Position Specific Liaison Officer
- E/L 958: All-Hazards Position Specific Operations Section Chief
- E/L 960: All-Hazards Position Specific Division/Group Supervisor
- E/L 962: All-Hazards Position Specific Planning Section Chief
- E/L 964: All-Hazards Position Specific Situation Unit Leader
- E/L 965: All-Hazards Position Specific Resources Unit Leader
- E/L 967: All-Hazards Position Specific Logistics Section Chief
- E/L 969: All-Hazards Position Specific Communications Unit Leader
- E/L 970: All-Hazards Position Specific Supply Unit Leader
- E/L 971: All-Hazards Position Specific Facilities Unit Leader
- E/L 973: All-Hazards Position Specific Finance/Admin. Section Chief
- E/L 975: All-Hazards Position Specific Finance/Admin. Unit Leader Course
- E/L 984: Task Force/Strike Team Leader
- E/L 986: Air Support Group Supervisor
- E/L 987: Introduction to Air Operations

The All-Hazards Position Specific Courses can be requested through FCEM&HS. FCEM&HS can then request and, if approved, coordinate with Ohio EMA to secure a class.

Appendix E: National Domestic Preparedness Consortium (NDPC)

The National Domestic Preparedness Consortium (NDPC) is a partnership of several nationally recognized organizations whose membership is based on the urgent need to address the counter-terrorism preparedness needs of the nation's emergency first responders within the context of all hazards including chemical, biological, radiological, and explosive Weapons of Mass Destruction (WMD) hazards.

Each of the institutions focus on developing and delivering products and services according to their institutional base of expertise. Under this arrangement, the consortium has achieved remarkable results in the nation's unified effort to bring all levels of government, business, and the emergency response community to new degrees of preparedness. Together these members collectively assist in preventing, protect against, respond to, and recover from incidents of national significance.

The links to each of the institution's websites are included. Classes from the Consortium partners can be direct delivered to Franklin County. If you think a class would be beneficial to bring to Franklin County, let FCEM&HS know so that they may look into the availability.

The NDPC membership includes:

Center for Domestic Preparedness (CDP) <https://cdp.dhs.gov/>

The Center for Domestic Preparedness (CDP) is a vital training component of the Department of Homeland Security, Federal Emergency Management Agency, National Training and Education Division. The CDP develops and delivers training for emergency response providers from state, local, tribal and territorial governments and, when appropriate, the federal government, foreign governments, and private sector entities. The CDP offers over 50 training courses at its resident campus in Anniston, Alabama. Training at the CDP campus is federally funded at no cost to state, local, tribal and territorial emergency response professionals from multiple emergency disciplines. In addition to resident training, the CDP has an active mobile training capability that provides critical advanced hands-on training in local jurisdictions across the country.

The CDP's Chemical, Ordnance, Biological, and Radiological (COBRA) Training Facility is the nation's only federally chartered toxic agent training facility for state, local, tribal and territorial emergency responders. This unique facility serves as the platform for tactical operations training in a contaminated environment that includes nerve agents (VX/GB-Sarin), biological hazards (Anthrax/Ricin), and radiological sources. The CDP's Noble Training Facility (NTF) is a hospital venue that serves as a platform for multiple healthcare, emergency medical service, public health, and environmental health

courses. NTF provides participants with a realistic training environment designed to prepare and challenge professionals for mass casualty incidents as a result of a catastrophic natural disaster or terrorist act.

The Energetic Materials Research and Testing Center (EMRTC) <http://www.emrtc.nmt.edu/>

The Energetic Materials Research and Testing Center (EMRTC) at New Mexico Tech (NMT) is the consortium's lead partner for explosives, live explosives, and incendiary devices training.

Founded in 1889 as the New Mexico School of Mines, NMT has evolved into a research-oriented public university specializing in science and engineering. The institution has earned a worldwide reputation for the quality of its research and academic programs. As a result, NMT has consistently garnered high ratings from several sources, such as US News and World Report and the Princeton Review. NMT conducts applied research in explosive technology, explosive materials engineering, information security, and modeling and simulation for numerous U.S. Government agencies, including the Departments of Defense, Justice, State, Transportation, and Energy. The campus of NMT is located 70 miles south of Albuquerque, NM. EMRTC's additional training site, Playas Training and Research Center, is located in the southwestern corner of New Mexico.

As a major department of New Mexico Tech, EMRTC traces its roots back to the development of the variable timing fuse — commonly known as the proximity fuse — during World War II. In the past 60 years, the department has grown to a highly regarded research, development, test, and evaluation complex. Currently, EMRTC is a close-knit team of more than 100 highly experienced professionals who on a yearly basis perform 200-300 in-depth scientific investigations and studies involving energetic materials. EMRTC offers the consortium a unique blend of facilities, expertise, training development, and research opportunities.

National Center for Biomedical Research and Training (NCBRT) <https://www.ncbrt.lsu.edu/>

The National Center for Biomedical Research and Training (NCBRT), Academy of Counter-Terrorist Education at Louisiana State University (LSU) is a founding member of the NDPC. The NCBRT has been involved in the development and delivery of training and related efforts in support of the Office for State and Local Domestic Preparedness Support since 1998, and now for the Office for Grants and Training (G&T). Since that time, the NCBRT has developed many courses and delivered them for the U.S. Departments of Homeland Security, Justice, Health and Human Services,

and Agriculture, as well as for State and local jurisdictions, non-governmental organizations, and the private sector. Courses deal with Weapons of Mass Destruction (WMD), counter-terrorism, and high consequence events, for all disciplines including emergency management, law enforcement (including tactical operations), HazMat teams, public health, EMS, hospital, agricultural, and others. The NCBRT has also developed and delivered numerous workshops and seminars, developed scenarios and exercises, and has provided technical assistance to governmental and non-governmental entities. Not only are the capabilities of the NCBRT wide and deep, but they can be readily augmented by the scientists, researchers, and educators available from LSU, the flagship university of Louisiana.

National Emergency Response and Recovery Training Center (NERRTC) <https://teex.org/homeland-security/>

The National Emergency Response and Recovery Training Center (NERRTC) was established in 1998 as part of the NDPC and approved in 2000 by the Federal Emergency Management Agency (FEMA) as a national disaster response center. The NERRTC's mission is to design, develop, and deliver training, exercises, and technical assistance for the nation's emergency responders. NERRTC combines traditional classroom work, small group instruction, field exercises, participant activities, case studies and vignettes, multimedia scenarios, and computer-aided training and exercise simulations to train individuals and jurisdictions. Since 1998, NERRTC has trained over 710,000 participants across the country and the US territories.

NERRTC is a center of excellence within the Texas A&M Engineering Extension Service (TEEX), one of the largest providers of workforce training in the nation since 1919. TEEX is known for its innovative, customized programs, including hands-on and on-site training. TEEX is a state agency of the Texas A&M University System. It is headquartered in College Station, TX with seven regional training centers and offices located around the state of Texas. These facilities support nine agency components, all of which offer workforce training in particular subject areas, and collaborate to provide TEEX customers with a seamless training venue. TEEX courses are taught locally throughout the state, at customer facilities, and at TEEX-approved locations both nationally and internationally.

Nevada Test Site's Counter Terrorism Operations Support Program (NTS/CTOS) <https://www.nnss.gov/pages/facilities/CTOS.html>

The U.S. Department of Energy's National Nuclear Security Administration (NNSA) Nevada Site Office (NSO) runs the historic Nevada Test Site (NTS) located some 65 miles northwest of Las Vegas. NSO is a charter member of the NDPC, and has been

involved in the development and delivery of radiological/nuclear (rad/nuc) training since 1998.

NNSA/NSO provides weapons of mass destruction (WMD) training to teach first responders to detect, prepare for, prevent, respond to, and recover from terrorist acts through research, development, test and evaluation, training, and intelligence support activities. More than ten thousand first responders per year receive this highly specialized training conducted on behalf of DHS FEMA/NPD. These training courses and exercises are conducted at the NTS, in municipality-hosted locations via Mobile Training Teams (MTTs), and online.

The Nevada Test Site's Counter Terrorism Operations Support Program (NTS/CTOS) conducts this training for the NSO. NTS/CTOS has developed and delivered six different courses dealing with response to, and prevention of radiological and nuclear WMD for a variety of disciplines. These disciplines include emergency management, fire service, law enforcement, HazMat teams, public health, EMS, hospital "first receivers", and others. NTS/CTOS has numerous training capabilities that can be readily augmented by the scientists, researchers, and subject matter experts (SMEs) from the NSO's Remote Sensing Laboratories, DOE's National Laboratories, and private industry.

Transportation Technology Center, Inc. (TTCI) <https://ttc-ensco.com/>

The TTCI training approach, a proven, focused curricula combining classroom and laboratory training with contiguous full-scale hands-on field exercises for preparing first responders, has attracted new programs for additional surface transportation security and emergency response training from government agencies.

In 2006, TTCI began training the incoming TSA (Transportation Security Administration) surface transportation security inspectors in basic railroad operations and safety practices, a program that has continued to grow. On August 3, 2007, TTCI received congressional authorization as a Member of the National Domestic Preparedness Consortium (NDPC). TTCI was subsequently designated within NDPC as the National Center for Emergency Response in Surface Transportation.

Heavy freight transport systems remain our core operation, offering advanced first responder training to government and private sectors with open enrollment and contract classes. These activities will continue to grow and expand along with the new emphasis on security issues, an increased emphasis on passenger rail and encompassing complementary infrastructure integrity research.

National Disaster Preparedness Training Center at the University of Hawaii (NDPTC) <https://ndptc.hawaii.edu/>

The center provides high quality disaster training to ensure that island communities throughout the Pacific are ready and able to respond, recover, and reconstruct after catastrophes. U.H. has one of seven federally funded FEMA National Domestic Preparedness sites nationwide.

**Photos from the
OH-197 Planning for Access &
Functional Needs in
Emergencies Class
held September 23-24, 2024**

This 2-day course provided participants with the information necessary to utilize access and functional needs-inclusive practices during Emergency Planning.



Appendix F: Pacific EMPRINTS

Zoom-Based Courses Available for Emergency Responders

(Public Health Centric)

This is the new home for University of Hawaii at Mānoa's Pacific Emergency Management, Preparedness, and Response Information Network and Training Services (Pacific EMPRINTS) Program. The San Diego State University's Institute for Public Health has partnered with Pacific EMPRINTS since 2005.

Pacific EMPRINTS offers online courses to help healthcare professionals to better recognize and respond to chemical, biological, radiological, nuclear, and explosive events and to other large-scale public health emergencies.

Users who complete all tutorials of a course will receive a Certificate of Completion at no cost. The Certificate of Completion will note the person's name, title of the course, and date of completion. However, this does not grant any kind of continuing education units.

CE Certificates confer continuing education credit and will note the person's name, their license information, title of the course, date of completion, and total contact hours earned. A small fee is required to receive a CE certificate.

<https://iph.sdsu.edu/courses/online.php>

Appendix G: Ohio Certified Emergency Manager (EMAO)

EMAO created the Ohio Certified Emergency Manager Program to advance and support professional standards for Ohio Emergency Managers.

To apply for the Ohio Certified Emergency Manager (OCEM) Program, applicants should submit a portfolio containing documentation evidencing the minimum requirements and a completed application form to the Emergency Management Association of Ohio.

Applicants should not limit their application to the minimum requirements and should submit emergency management teaching experience, publications, awards or special recognitions or other evidence of professional excellence in emergency management.

Applications and application fee must be received by March 1st or September 1st of the year certification is sought. Applications received without payment will not be considered. Applications will be reviewed by the OCEM Program Board and applicants will be notified of the Board's decision. Awards will be presented during the EMAO Spring Meeting for September 1st applicants or during the EMAO Winter Conference for March 1st applicants. Certification will be initially awarded for three years and must be renewed every three years thereafter.

For more information: <https://www.emaohio.org/ocem>

Certified Emergency Manager (IAEM)

IAEM created the certification program for emergency managers to raise and maintain professional standards; it is a program to certify achievements within the profession. Being a Certified Emergency Manager indicates that the individual:

- Has the knowledge, skills, and abilities to effectively manage a comprehensive emergency management program.
- Has a working knowledge of all the basic tenets of emergency management.
- Has experience and knowledge of interagency and community-wide participation in planning, coordination, and management functions designed to improve emergency management capabilities.
- Can effectively accomplish the goals and objectives of any emergency management program in all environments with little or no additional training orientation.
- Development of the certification program was supported by FEMA, the National Emergency Management Association (NEMA), and a host of allied organizations.
- Certification Requirements
- To receive CEM® certification, the individual must fulfill requirements related to:
 - Training.
 - Completion of an essay and multiple-choice examination.
 - References.
 - Emergency management experience.
 - Education.

- Contributions to the profession.
- Certification is maintained through continuing education/training and professional contributions.

CEM Requirements

- Candidates must meet all AEM requirements in addition to the following:
- Emergency Management Work History: 3 years of comprehensive emergency management experience.
- Emergency Management Experience: Participation in two functional exercises, a major public event, a full-scale exercise, or actual disaster, and cover all phases of emergency management.
- Professional Contributions: Submit six separate contributions completed with the last 10 years.
- Degree Requirement: A baccalaureate degree in emergency management or higher reduces the disaster/ emergency management training requirement, depending on how current. Candidates cannot use their degree to both satisfy the education requirement and satisfy the training hours requirement.

For more information: <https://www.iaem.org/Certification/Getting-Started>

Appendix H: Ohio Emergency Management Agency Training Application Policy

June 2024

The Ohio Emergency Management Agency (Ohio EMA) is implementing a policy for all State Homeland Security Program (SHSP), Emergency Management Performance Grant (EMPG) and Hazardous Materials Emergency Preparedness (HMEP) Grant funded training. This policy incorporates the all-hazards approach to training. Applicants will request each training event using the “**Ohio EMA Training Request Application**” form within this policy. The Ohio Emergency Management Training and Exercise Branch will review each request for completeness, approval, and determination of the appropriate funding source.

This policy is implemented to consolidate, clarify, and simplify the training request process. The goal of this policy is to aid counties and partner agencies across the state of Ohio in providing free and valuable training to their partners in mitigation, preparedness, response, and recovery.

It is expected that local partners will submit training applications in an effort to fill training gaps identified by their local training needs assessments. Counties are encouraged to work within their regions and neighboring counties to assess needs and request trainings that can be open across county lines. The multi-year training and exercise plan is also a valuable tool that should be used when planning for future trainings.

David B. Nunley
Training & Exercise Supervisor
Ohio Emergency Management Agency
2855 West Dublin-Granville Road, Columbus, Ohio 43235
614.799.3677, dbnunley@dps.ohio.gov

All training application requests must be submitted by a county EMA; please work with FCEM&HS for Franklin County.

Application Submittal Timeline

There are two (2) annual training application submittal periods:

- January 1-21: Trainings cannot start prior to April 1 (current year) and cannot start after January 31 (following year)
- July 1-21: Trainings cannot start prior to October 1 (current year) and cannot start after July 31 (following year)

A copy of the 2024-2025 Ohio EMA Training Policy and Catalog and the Training Application Policy can be accessed at this link: <https://ema.ohio.gov/prepare-respond/training-and-exercises/training/documents-and-policies>

Appendix I: Ohio's Instructor Certification Information

Ohio Emergency Management Association (EMA) has developed a policy for certifying instructors within the State of Ohio. The Certified Instructor Program is designed to encourage qualified individuals to become vetted instructors. In addition to receiving the title of an Ohio EMA Certified Instructor, it is an excellent testament to being a knowledgeable professional in the field of Emergency Management. Obtaining this status is an exceptional addition to a resume and it will allow you the opportunity to work with professionals from around the State of Ohio.

Please read the policy thoroughly and make note of the forms and supporting documents required to become an Ohio EMA certified instructor.

A few of the reasons Ohio EMA created this policy are as follows:

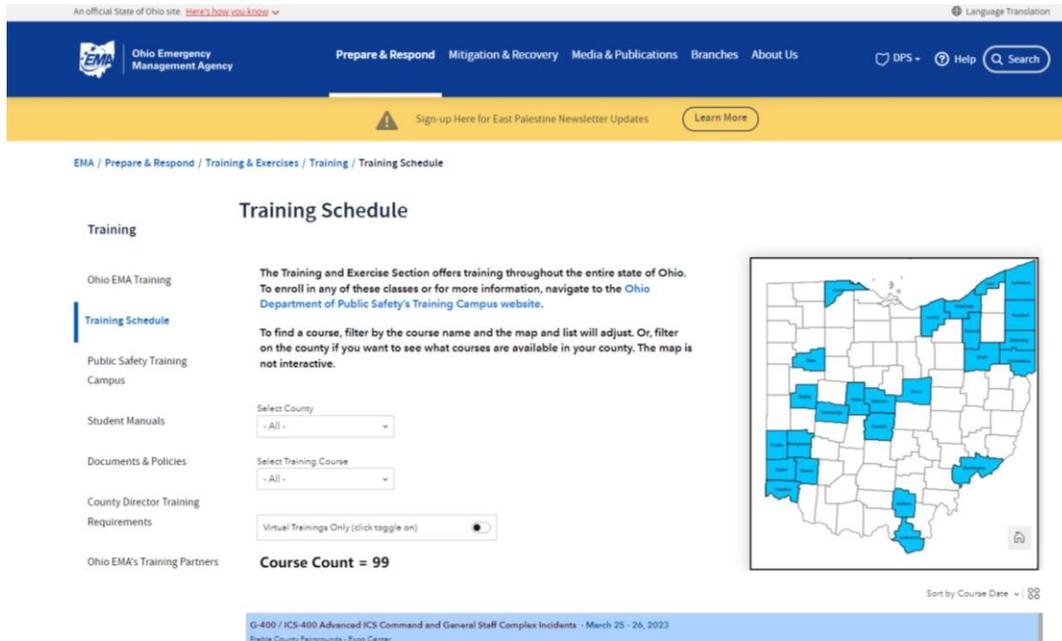
- Ensures quality instructors throughout the State of Ohio
- Allows for Instructors to be thoroughly vetted by Ohio EMA staff
- Creates a consistent process for payment of paid instructors

For more information:

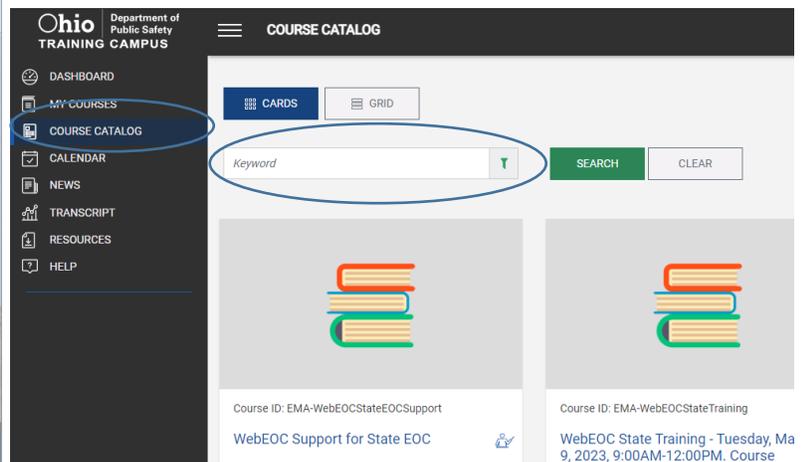
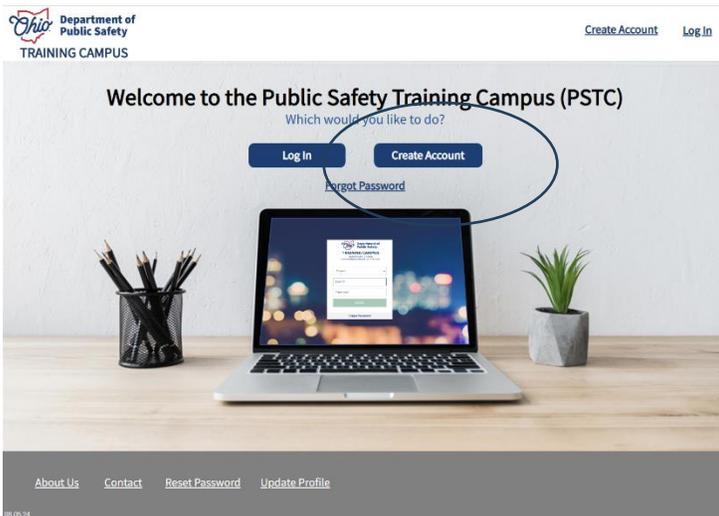
<https://ema.ohio.gov/prepare-respond/training-and-exercises/instructor-certification/training-instructor-certification-information>

Appendix J: Ohio EMA and Ohio Public Safety Training Campus

For those classes coordinated by Ohio EMA's Training Department, the Ohio EMA Training Page allows you to search available training classes by County, Training Classes, or Virtual Classes. To find a course, filter by the course name and the map and list will adjust. Or, filter on the county if you want to see what courses are available in your county. The map is not interactive. <https://ema.ohio.gov/prepare-respond/training-and-exercises/training/training-schedule>



The Ohio Public Safety Training Campus is where you log in to register for all “G” “L/K” classes and is another way to see a full list of what classes are available throughout the State. If you do not have a login, you can create an account by clicking on the “Create Account” button. <https://learning.dps.ohio.gov/PSTC/>



Appendix K: Community Lifelines

A lifeline enables the continuous operation of critical government and business functions and is essential to human health and safety or economic security.

- Lifelines are the most fundamental services in the community that, when stabilized, enable all other aspects of society to function.
- FEMA has developed a construct for objectives-based response that prioritizes the rapid stabilization of Community Lifelines after a disaster.
- The integrated network of assets, services, and capabilities that provide lifeline services are used day-to-day to support the recurring needs of the community and enable all other aspects of society to function.
- When disrupted, decisive intervention (e.g., rapid re-establishment or employment of contingency response solutions) is required to stabilize the incident.



Safety and Security - Law Enforcement/Security, Fire Service, Search and Rescue, Government Service, Community Safety
Graphic



Food, Hydration, Shelter - Food, Hydration, Shelter, Agriculture



Health and Medical - Medical Care, Public Health, Patient Movement, Medical Supply Chain, Fatality Management



Energy - Power Grid, Fuel



Communications - Infrastructure, Responder Communications, Alerts Warnings and Messages, Finance, 911 and Dispatch



Transportation - Highway/Roadway/Motor Vehicle, Mass Transit, Railway, Aviation, Maritime



Hazardous Materials - Facilities, HAZMAT, Pollutants, Contaminants Graphic



Water Systems - Potable Water Infrastructure, Wastewater Management

FEMA created Community Lifelines to reframe incident information, understand and communicate incident impacts using plain language, and promote unity of effort across the whole community to prioritize efforts to stabilize the lifelines during incident response.

While lifelines were developed to support response planning and operations, the concept can be applied across the entire preparedness cycle. Efforts to protect lifelines, prevent and mitigate potential impacts to them, and building back stronger and smarter during recovery will drive overall resilience of the nation.

Appendix L: Acronym List

Acronym	Definition
@	“at sign” or “at symbol” or “atmark”
AFN	Access and Functional Needs
APS	Advanced Professional Series
CBRNE	Chemical, Biological, Radiological, Nuclear and Explosives
CCTA	Coordinated Complex Terrorist Attack
CDP	Center for Domestic Preparedness
CE	Continuing Education
CEDC	Continuity Exercise Design Course
CEPAC	Chemical Emergency Preparedness Advisory Council
CERT	Community Emergency Response Team
CES	Continuity Excellence Series
CIKR	Critical Infrastructure Key Resources
CMH	The code “CMH” stands for Columbus Municipal Hangar, John Glenn Columbus International Airport’s original name.
COBRA	Chemical, Ordnance, Biological, and Radiological
COHAN	Central Ohio Health Alert Network
COOP	Continuity of Operations
COPIN	Central Ohio Public Information Network
COTS	Central Ohio Trauma System
CPU	Columbus Public Utilities
CRAA	Columbus Regional Airport Authority
DOSD	Division of Safety of Dams
DPU	Department of Public Utilities
e.g.	Exempli Gratia (an abbreviation meaning “for example”)
EMA	Emergency Management Agency
EMI	Emergency Management Institute
EMPG	Emergency Management Performance Grant
EMRTC	Energetic Materials Research and Testing Center
EOC	Emergency Operations Center
EOP	Emergency Operations Plans

Acronym	Definition
etc.	et cetera
FC	Franklin County
FCACC	Franklin County Amateur Communications Club
FCPH	Franklin County Public Health
FCEM&HS	Franklin County Emergency Management & Homeland Security
FE	Functional Exercise
FEMA	Federal Emergency Management Agency
FSE	Full-Scale Exercise
G&T	Grants and Training
HazMat/HAZMAT/Hazmat	Hazardous Material
HMEP	Hazardous Materials Emergency Preparedness
HSEEP	Homeland Security Exercise and Evaluation Plan
HSR4	Homeland Security Region 4
IC	Incident Command
ICS	Incident Command System
i.e.	short for the Latin phrase id est, meaning “that is.”
IEMC	Integrated Emergency Management Course
IEP	Information Exchange Policy
IPAWS	Integrated Public Alert and Warning System
IP	Improvement Plans
IPP	Integrated Preparedness Plan
IPPW	Integrated Preparedness Plan Workshop
IS	Independent Study
ITC	Instructor Training Certification
LE	Law Enforcement
LEPC	Local Emergency Planning Committee
LSU	Louisiana State University
MAA	Mutual-Aid Agreements
MAAC	Multiagency Coordination Center
MARCS	Multi-Agency Radio Communication System

Acronym	Definition
MEP	Master Exercise Practitioner
MEPP	Master Exercise Practitioner Program
MISP	Malware Information Sharing Platform
MOU	Memorandums of Understanding
MRC	Medical Reserve Corps
MTTs	Mobile Training Teams
NDPC	National Domestic Preparedness Consortium
NDPTC	National Disaster Preparedness Training Center
NERRTC	National Emergency Response and Recovery Training Center
NIMS	National Incident Management System
NMT	New Mexico Tech
NNSA	National Nuclear Security Administration
NRF	National Response Framework
NSO	Nevada Site Office
NTF	Noble Training Facility
NTS/CTOS	Nevada Test Site's Counter Terrorism Operations Support
NWS	National Weather Service
ODH	Ohio Department of Health
Ohio EMA	Ohio Emergency Management Agency
OSU	Ohio State University
PDS	Professional Development Series
PI	Pandemic Influenza
POD	Point of Dispensing
POETE	Planning, Organizing, Training, Equipping, and Exercising
PU	Public Utilities
Qtr.	Quarter
Rad/Nuc	Radiological/Nuclear
RHEP	Regional Healthcare Emergency Preparedness
SEOHC	Southeast/Southeast Central Ohio Healthcare Coalition
SET	Simulated Emergency Test

Acronym	Definition
SHSP	State Homeland Security Program
SMEs	Subject Matter Experts
SOP	Standard Operating Procedures
TBD	To Be Determined
TEEX	Texas A&M Engineering Extension
TEP	Training and Exercise Plan
TLP	Traffic Light Protocol
T-t-T	Train-the-Trainer
TTCI	Transportation Technology Center, Inc.
TTX	Table-Top Exercise
UC	Unified Command
U.S.	United States
USACE	US Army Corps of Engineers
WMD	Weapons of Mass Destruction
Yr.	Year

Appendix M: Key Terms

Critical Infrastructure and Key Resources (CIKR) – an umbrella term referring to the assets of the United States essential to the nation's security, public health and safety, economic vitality, and way of life. Simply put, it's power grids and water filtration plants; national monuments and government facilities; telecommunications and transportation systems; chemical facilities and much more.

Core Capabilities – Thirty-two (32) distinct critical elements necessary to achieve the National Preparedness Goal.

Exercise – An instrument to train for, assess, practice, and improve performance in prevention, protection, mitigation, response, and recovery capabilities in a risk-free environment. Exercises can be used for testing and validating policies, plans, procedures, training, equipment, and interagency agreements; clarifying and training personnel in roles and responsibilities; improving interagency coordination and communications; improving individual performance; identifying gaps in resources; and identifying opportunities for improvement.

Homeland Security Exercise and Evaluation Program (HSEEP) – A program that provides a set of guiding principles for exercise programs, as well as a common approach to exercise program management, design and development, conduct, evaluation, and improvement planning.

Improvement Plan (IP) – The IP identifies specific corrective actions, assigns them to responsible parties and establishes target dates for their completion. The IP is developed in conjunction with the After-Action Report.

Incident Command System (ICS) – A management system designed to enable effective and efficient domestic incident management by integrating a combination of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure.

Integrated Preparedness Plan (IPP) – The IPP identifies POETE (planning, organizing, training, equipping, and exercising) elements that will help organizations build and sustain the core capabilities needed to improve their preparedness priorities

Progressive Approach – A progressive approach designated by the Homeland Security Exercise and Evaluation Program that includes the use of various exercises aligned to a common set of exercise program priorities and objectives with an increasing level of complexity over time. (Progressive exercise planning does not imply a linear progression of exercise types).

National Incident Management System (NIMS) – The NIMS standard was designed to enhance the ability of the United States to manage domestic incidents by establishing a single, comprehensive system for incident management. It is a nationwide approach for Federal, State, local, tribal, and territorial governments, the private sector, and nongovernmental organizations to work effectively and efficiently together to prepare for, respond to, and recover from domestic incidents, regardless of cause, size, or complexity.

National Preparedness Goal – The National Preparedness Goal defines the core capabilities necessary to prepare for the specific types of incidents that pose the greatest risk to the security of the Nation. The Goal emphasizes actions aimed at achieving an integrated, layered, and all-of-Nation preparedness approach that optimizes the use of available resources. Specifically, the Goal defines success as: “A secure and resilient Nation with the capabilities required across the whole community to prevent, protect against, mitigate, respond to, and recover from the threats and hazards that pose the greatest risk.”

APPENDIX N: TRAFFIC LIGHT PROTOCOL (TLP) 2.0

The Traffic Light Protocol (TLP) was created to facilitate greater sharing of potentially sensitive information and more effective collaboration. Information sharing happens from an information *source*, towards one or more *recipients*. TLP is a set of four labels used to indicate the sharing boundaries to be applied by the recipients. Only labels listed in this standard are considered valid by FIRST. On November 1, 2022, Cybersecurity & Infrastructure Security Agency (CISA) will officially adopt FIRST Standard Definitions and Usage Guidance - Version 2.0

The four TLP labels are: TLP:RED, TLP:AMBER, TLP:GREEN, and TLP:CLEAR. In written form, they **MUST** not contain spaces and **SHOULD** be in capitals. TLP labels **MUST** remain in their original form, even when used in other languages: content can be translated, but the labels cannot.

TLP provides a simple and intuitive schema for indicating with whom potentially sensitive information can be shared. TLP is not a formal classification scheme. TLP was not designed to handle licensing terms, nor information handling or encryption rules. TLP labels and their definitions are not intended to have any effect on freedom of information or “sunshine” laws in any jurisdiction.

TLP is optimized for ease of adoption, human readability and person-to-person sharing; it may be used in automated information exchange systems, such as Malware Information Sharing Platform MISP (<https://www.misp-project.org/>) (open source software solution) or Information Exchange Policy IEP (<https://www.first.org/iep/>).

TLP is distinct from the Chatham House Rule but may be used in conjunction when appropriate. When a meeting is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.

The source is responsible for ensuring that recipients of TLP-labeled information understand and can follow TLP sharing guidance. The source is at liberty to specify additional sharing restrictions. These must be adhered to by recipients.

If a recipient needs to share information more widely than indicated by the TLP label it came with, they must obtain explicit permission from the source.

How to use TLP in messaging (such as email and chat): TLP-labeled messaging **MUST** indicate the TLP label of the information, as well as any additional restrictions, directly prior to the information itself. The TLP label **SHOULD** be in the subject line of email. Where needed, also make sure to designate the end of the text to which the TLP label applies.

How to use TLP in documents: TLP-labeled documents **MUST** indicate the TLP label of the information, as well as any additional restrictions, in the header and footer of each page. The TLP label **SHOULD** be in 12-point type or greater for users with low vision. It is recommended to right-justify TLP labels.

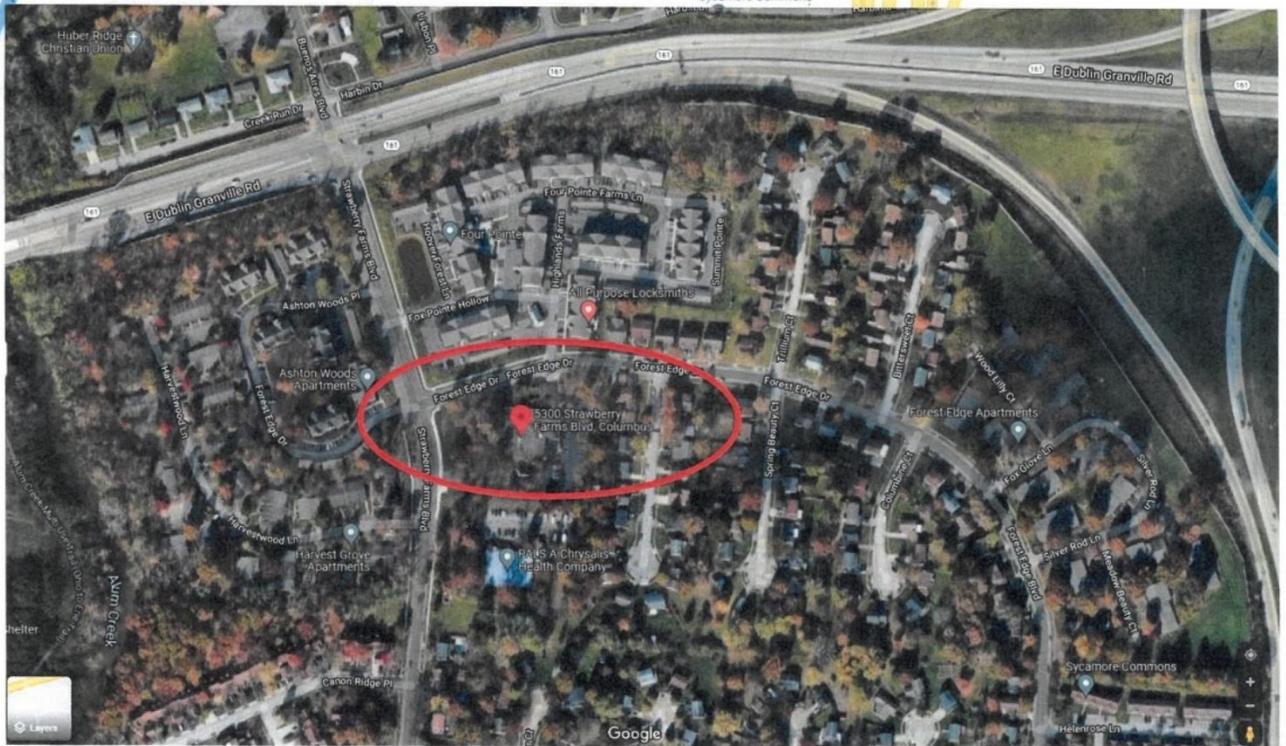
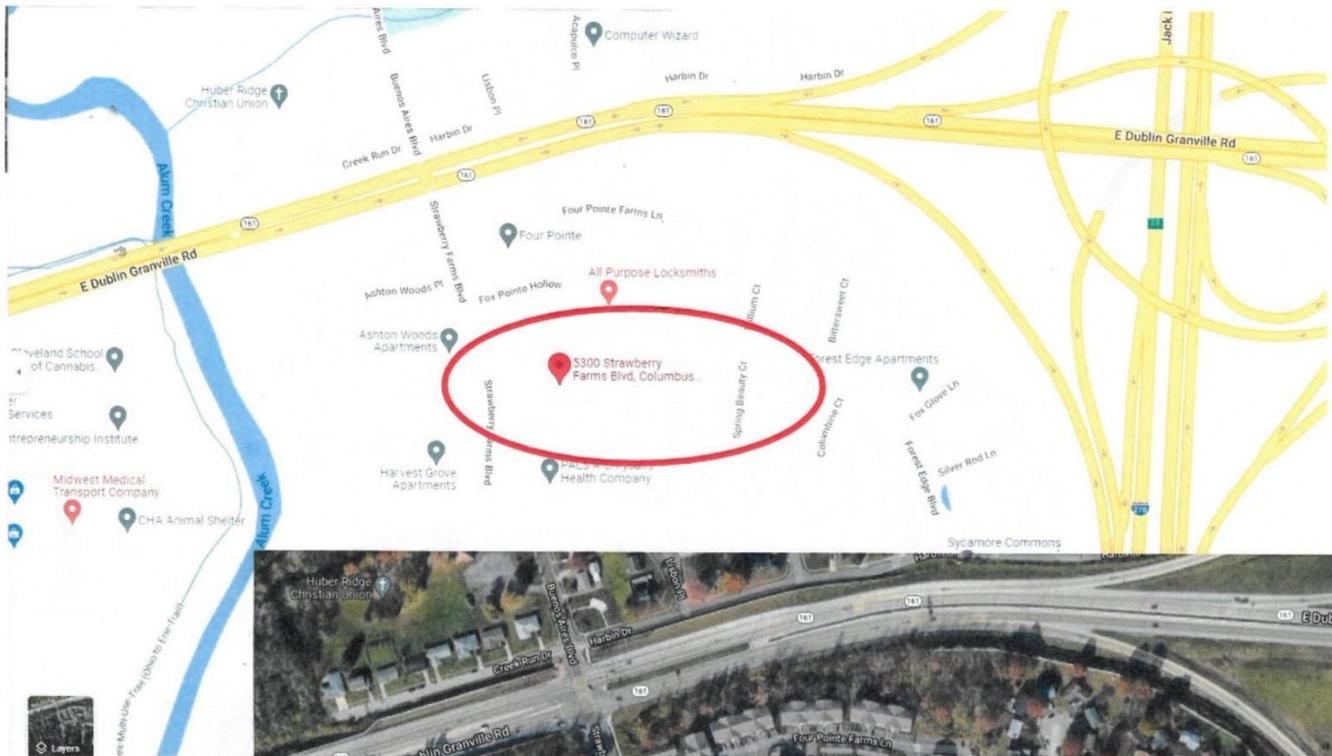
Color	When should it be used?	How may it be shared?
<p>TLP:RED</p>  <p>Not for disclosure, restricted to participants only.</p>	<p>Sources may use TLP:RED when information cannot be effectively acted upon by additional parties, and could lead to impacts on a party's privacy, reputation, or operations if misused.</p>	<p>Recipients may not share TLP:RED information with any parties outside of the specific exchange, meeting, or conversation in which it was originally disclosed. In the context of a meeting, for example, TLP:RED information is limited to those present at the meeting. In most circumstances, TLP:RED should be exchanged verbally or in person.</p>
<p>TLP:AMBER</p>  <p>Limited disclosure, restricted to participants' organizations.</p>	<p>Sources may use TLP:AMBER when information requires support to be effectively acted upon, yet carries risks to privacy, reputation, or operations if shared outside of the organizations involved.</p>	<p>Recipients may only share TLP:AMBER information with members of their own organization, and with clients or customers who need to know the information to protect themselves or prevent further harm. Sources are at liberty to specify additional intended limits of the sharing: these must be adhered to.</p>
<p>TLP:GREEN</p>  <p>Limited disclosure, restricted to the community.</p>	<p>Sources may use TLP:GREEN when information is useful for the awareness of all participating organizations as well as with peers within the broader community or sector.</p>	<p>Recipients may share TLP:GREEN information with peers and partner organizations within their sector or community, but not via publicly accessible channels. Information in this category can be circulated widely within a particular community. TLP:GREEN information may not be released outside of the community.</p>
<p>TLP:WHITE</p>  <p>Disclosure is not limited.</p>	<p>Sources may use TLP:WHITE when information carries minimal or no foreseeable risk of misuse, in accordance with applicable rules and procedures for public release.</p>	<p>Subject to standard copyright rules, TLP:WHITE information may be distributed without restriction.</p>



Photo of FCEM&HS Building
5300 Strawberry Farms Blvd.
Columbus, OH 43230
Free Parking in Agency Lot for Trainings



Photo of Security Button for entrance into the FCEM&HS Facility



Map of FCEM&HS Location, Intersection of I-270 and State Route 161 – Northeast Side of Columbus

