

Center for Emergency Preparedness  
and Disaster Response



**YALE NEW HAVEN  
HEALTH**

## 2014 Emergency Preparedness Course Guide



**Yale New Haven Health System Center for Emergency Preparedness and  
Disaster Response (YNHHS-CEPDR)**

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## ABOUT YNHHS-CEPDR

Yale New Haven Health System Center for Emergency Preparedness and Disaster Response (YNHHS-CEPDR) is committed to developing and delivering services that advance healthcare planning, preparedness and response for emergency events and disasters through collaborative partnerships and coordinated programs within Connecticut, across the nation and around the world. The Yale New Haven Health System Center for Emergency Preparedness and Disaster Response (YNHHS-CEPDR) develops and disseminates programs and services in the areas of healthcare and public health emergency preparedness, response, recovery and mitigation that includes but are not limited to business continuity planning, assessments, education and training, drills and exercises and program implementation and evaluation.

In addition to emergency management courses, a variety of healthcare-associated infection courses are available through Yale New Haven Health System Center for Healthcare Solutions learning management system, [www.ynhhs.org/chs](http://www.ynhhs.org/chs). Courses and workshops are customizable to meet your organization’s requirements. Please contact us at one of the offices below:

<a href="mailto:center@ynhh.org">center@ynhh.org</a> • <a href="http://www.ynhhs.org/cepdr">www.ynhhs.org/cepdr</a>		
<b>Eastern Region</b> 1 Church Street, 5th Floor New Haven, CT 06510 Tel. 203.688.5000 Fax 203.688.4618	<b>National Capital Region</b> 1101 Pennsylvania Ave., NW, 6th Floor Washington, DC 20004 Tel. 202.590.0774 Fax 703.852.3520	<b>Western Region</b> 4562 School Street Yorba Linda, CA 92886 Tel. 714.321.7195 Fax 203.688.4618

## YNHHS-CEPDR offers the following services:

### Education and Training

- Development of curricula for government facilities, agencies and organizations
- Delivery of courses through a variety of modalities to meet client needs (online, instructor-led, blended learning, CD-ROM, webinar, train-the-trainer, video, etc.)
- Learning management system hosting, education program management and custom course design



### YNHHS-CEPDR courses are:

- Competency-based
- Time-efficient
- Cost-effective
- Scalable and customizable for regional variations
- Delivered online, web-based, instructor-led, CD-ROM, video/DVD, webinar, virtual
- Compliant with standard-setting organizations and agencies
- SCORM-compliant
- Supportive of ongoing compliance with standard-setting organizations and regulatory agencies such as The Joint Commission, Occupational Safety & Health Administration (OSHA), Centers for Medicare & Medicaid Services (CMS) and the National Incident Management System (NIMS)

### Assessments/Evaluation

- Expert support in conducting comprehensive hazard vulnerability analyses and gap analyses
- Assessments, planning, training and exercises customized to the unique needs and functions of public health departments
- Implementation of a business impact analysis survey as a precursor to business continuity planning, including continuity of operations, to identify critical services and functions of an organization and its ability to recover from an incident
- Public health preparedness program support, including program design, development, implementation, management and evaluation

### Planning

- Implementation of mass casualty care, mass fatality management, continuity of operations and evacuation plans
- Development of incident-specific annexes for all hazards emergency operations plans based on Department of Homeland Security planning scenarios
- Assistance with best-practice support solutions for emergency operations plans, emergency management plans and continuity of operations plans

**Planning (continued)**

- Continuity of operations planning for organizations of all types to support organizational resiliency, including assessments, business continuity planning and mitigation strategies to enhance pre-event organizational preparedness
- Provision of specific support when targeted capabilities are needed to increase capacity on both new and existing public health preparedness programs
- Customized emergency management services for healthcare delivery organizations of all types, including health systems, hospitals, long-term care facilities, outpatient clinics, community health centers and home health agencies

**Exercises**

Assistance with developing and implementing a comprehensive multi-year exercise program that includes:

- Planning conferences
- Development of exercise objectives
- Development of exercise scenario and situation manual
- Exercise facilitation
- Exercise evaluation
- Development of an After Action Report by subject matter experts
- Coordination of After Action Conference and Corrective Action plans

**Continuing Medical Education Credits (CMEs)**

Online courses from the YNHHS-CEPDR learning management system offer continuing medical education credits (CMEs). According to the Accreditation Council for Continuing Medical Education (a national organization that sets the standards for the accreditation of all providers of continuing medical education), CME is defined as “educational activities that serve to maintain, develop, or increase the knowledge, skills, and professional performance and relationships that a physician uses to provide services for patients, the public or the profession.”

CMEs can be converted to Continuing Education Units (CEUs) if the program meets the licensing board’s regulations (244 CMR 5.04 (2)(b)) or if the content contributes directly to the professional competence of the licensed nurse. There is no automatic conversion of CME credits to nursing contact hours, nor does the licensing board possess a formula for converting CMEs to CEUs. However, general guidelines state that every 50 minutes of continuous learning in a CME program is equal to approximately one contact hour of continuing education for nursing license renewal.

The Center for Continuing Medical Education, through Yale University School of Medicine, is an approved Accreditation Council for Continuing Medical Education provider of CME credits. Registered through the Yale School of Medicine, YNHHS-CEPDR provides CME credits for all of its online courses. For additional information about CMEs from YNHHS-CEPDR, please contact us at (203) 688-5000 or [center@ynnh.org](mailto:center@ynnh.org).

**YNHHS-CEPDR Courses**

**NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) TRAINING**

Homeland Security Presidential Directive/HSPD-5 created the National Incident Management System (NIMS) to support consistent responses for emergencies that occur every day in our communities. NIMS address common language, standard organizational systems and coordination of incident command systems.

Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Emergency Preparedness for Healthcare with NIMS (EM 108)</b></p>	<p>All public health, hospital and healthcare employees</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Webinar</li> <li>▪ Facilitated discussion</li> </ul>	<p>Introductory level</p> <p><b>EM 108 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Identifying the types of emergencies and disasters that can impact healthcare facilities</li> <li>▪ Recognizing the benefits of the National Incident Management System (NIMS)</li> <li>▪ Listing the components of NIMS</li> <li>▪ Describing specific roles of the Incident Command System (ICS)</li> <li>▪ Planning for healthcare and public health employees roles and responsibilities</li> <li>▪ Creating personal preparedness family preparedness plans</li> <li>▪ Recognizing the basics of business continuity planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ FEMA IS 700 NIMS competencies</li> <li>▪ This course meets The Joint Commission, CMS, the National Fire Protection Association (NFPA) 99 &amp;1600 and the National Integrated Accreditation for Healthcare Organizations (NIAHO) requirements for environment of care guidelines</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses ( <i>NIMS continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Incident Command System for Healthcare with NIMS (EM 142)</b></p>	<p>Those who may serve in a leadership role during an emergency or disaster</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Facilitated discussion</li> <li>▪ Webinar</li> </ul>	<p>Intermediate level</p> <p><b>EM 142 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Identifying the key concepts and principles underlying NIMS</li> <li>▪ Listing the purposes and features of the Incident Command System (ICS)</li> <li>▪ Recognizing the roles of participants in the ICS</li> <li>▪ Reviewing the utilization of ICS tools</li> <li>▪ Recognizing the basics of business continuity planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Aligns with The Joint Commission requirements for ICS training</li> <li>▪ FEMA ICS 100.HC NIMS and ICS 200.HC NIMS competencies</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>
 <p><b>Incident Command System for Healthcare with NIMS/NRF (EM 143)</b></p>	<p>Those who may serve in a leadership role during an emergency or disaster</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Webinar</li> <li>▪ Facilitated discussion</li> </ul>	<p>Intermediate level</p> <p><b>EM 143 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Recognizing key principles of NIMS</li> <li>▪ Describing the purposes and features of the ICS</li> <li>▪ Listing the roles of participants within the ICS</li> <li>▪ Highlighting specific incident responsibilities</li> <li>▪ Utilizing ICS tools</li> <li>▪ Describing the National Response Framework (NRF)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Meets The Joint Commission requirements for ICS training</li> <li>▪ FEMA ICS 100.HC NIMS and ICS 200.a HC NIMS, FEMA NRF IS 800.b NIMS</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses				
<b>EMERGENCY PREPAREDNESS TRAINING</b>				
Emergency preparedness is the responsibility of every healthcare employee. Whether meeting The Joint Commission, NIAHO and CMS requirements or ensuring that employees come to work during a disaster, emergency preparedness training is essential.				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Emergency Preparedness for Healthcare – at Work or at Home (EM 106)</b></p>	All healthcare employees	<ul style="list-style-type: none"> <li>Online</li> <li>Webinar</li> <li>Instructor-led</li> </ul>	<p>Introductory level</p> <p><b>EM 106 topics:</b></p> <ul style="list-style-type: none"> <li>Differentiating between an emergency and a disaster</li> <li>Identifying phases of emergency management and the basics of the Incident Command System</li> <li>Clarifying employee roles and responsibilities during a disaster</li> <li>Creating personal/family preparedness plans</li> <li>Recognizing the basics of business continuity planning</li> </ul>	<ul style="list-style-type: none"> <li>This course is recommended to be completed annually</li> <li>This course meets The Joint Commission, CMS, NFPA 99 &amp; 1600 and NIAHO requirements for environment of care and emergency preparedness guidelines</li> <li>1 AMA PRA category 1 CME credit (online)</li> </ul>
 <p><b>The Role of Medical/Technical Specialists During an Incident (EM 141)</b></p>	Designated medical specialists (e.g., physician, nurse, information technology and legal) within ICS	<ul style="list-style-type: none"> <li>Online</li> </ul>	<p>Advanced level</p> <p><b>EM 141 topics:</b></p> <ul style="list-style-type: none"> <li>Identifying the roles and responsibilities of Medical and Technical Specialists within the ICS</li> <li>Listing the types of documents, tools and resources a Medical or Technical Specialist may use during an incident</li> <li>Naming information status reports for the Incident Commander and Emergency Operation Center</li> <li>Recognizing strategies for advising the Incident Commander on medical staff and technical or operational issues related to specific types of emergency events</li> </ul>	<ul style="list-style-type: none"> <li>The Joint Commission requirements for ICS training</li> <li>HICS 4th Edition</li> <li>1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses (Emergency Preparedness continued)				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Hospital Incident Command System (HICS IV) Workshop</b></p>	<p>This workshop is for healthcare professionals already using the Hospital Emergency Incident Command System, 3<sup>rd</sup> Edition (HICS III)</p>	<ul style="list-style-type: none"> <li>Instructor-led</li> <li>Webinar</li> </ul>	<p>Intermediate level</p> <p><b>HICS IV topics:</b></p> <ul style="list-style-type: none"> <li>Describing items for the Hospital Incident Command System (HICS IV)</li> <li>Locating updated organizational chart, job action sheets and forms</li> <li>Utilizing the latest implementation strategies</li> <li>Practicing via a facilitated tabletop discussion that allows ICS staff to apply what they learn from the didactic session</li> </ul>	<ul style="list-style-type: none"> <li>The Joint Commission requirements for ICS training</li> <li>HICS 4<sup>th</sup> Edition</li> </ul>
 <p><b>Incident Action Plan (IAP) Workshop for Healthcare (EM 144)</b></p>	<p>This workshop is for emergency response managers, first-line supervisors, administrators who will function as Incident Commanders (IC) and planning chiefs. Emergency management coordinators, other command staff, emergency operations center staff members and general staff members are also encouraged to attend.</p>	<ul style="list-style-type: none"> <li>Instructor-led</li> <li>Webinar</li> </ul>	<p>Intermediate level</p> <p><b>EM 144 topics:</b></p> <ul style="list-style-type: none"> <li>Completing IAP forms</li> <li>Writing SMART objectives</li> <li>Reviewing utility forms (ICS 211, ICS 213, ICS 213 RR (USCG), ICS 214) and IAP support forms (ICS 215, ICS 215A (USCG), ICS 233)</li> <li>Discussing ICS forms and the planning process</li> </ul>	<ul style="list-style-type: none"> <li>Supports The Joint Commission, FEMA, and other agency documentation requirements for incident commanders</li> </ul>

YNHHS-CEPDR Courses ( <i>Emergency Preparedness continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Emergency Preparedness for Healthcare Executives (EPHE) Workshop (EM 300)</b></p>	Executives	<ul style="list-style-type: none"> <li>Instructor-led</li> </ul>	<p>Advanced level</p> <p><b>EM 300 topics:</b></p> <ul style="list-style-type: none"> <li>Defining executive roles during a disaster</li> <li>Recognizing the importance of performing hazard vulnerability analysis, risk assessments and business impact analysis</li> <li>Describing key elements of effective situational awareness crisis communications</li> <li>Identifying regulations, statutes and compliance for emergency preparedness and business continuity</li> <li>Naming current standards and regulations</li> <li>Practicing planning, preparedness and recovery issues</li> <li>Listing real-world applications through participant-to-participant interactions</li> </ul>	<p>Regulatory/accreditation organizations that impact emergency preparedness and business continuity planning:</p> <ul style="list-style-type: none"> <li>The Joint Commission - Hospital Accreditation Program</li> <li>FEMA National Incident Management System (NIMS)</li> <li>NFPA 99 – Standard Healthcare Facilities</li> <li>OSHA 3152 – Hospitals and Community Emergency Response – 1997</li> <li>OSHA 1910.120 – Hazardous Waste and Emergency Response Regulation</li> <li>NFPA 1600 – Standard on Disaster/Emergency Management and Business Continuity Programs – 2007</li> <li>CMS – 482 Regulations and Interpretive Guidelines for Hospitals – 2005</li> <li>National Integrated Accreditation for Healthcare Organizations (NIAHO) – 2008</li> </ul>

YNHHS-CEPDR Courses				
<p><b>MASS FATALITY TRAINING</b> This course is designed to assist healthcare facilities with planning for mass fatality incidents.</p>				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Essential Elements of Mass Fatality Management (EM 160)</b></p>	<p>Recommended for emergency managers, security, facilities, pathology/lab, admitting, supervisors, etc. in hospitals, nursing homes, community health centers, other healthcare facilities, public health and those interested in learning about how to integrate mass fatality management planning into their existing emergency operations plans</p>	<ul style="list-style-type: none"> <li>▪ Online Instructor-led</li> <li>▪ Webinar</li> </ul>	<p>Awareness level</p> <p><b>EM 160 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Defining the concept of mass fatality</li> <li>▪ Describing the core elements of mass fatality management plans</li> <li>▪ Explaining the incident command system and the integration of the mass fatality branch</li> <li>▪ Discussing the impact of mass fatality events on facilities</li> </ul>	<ul style="list-style-type: none"> <li>▪ Supports Assistant Secretary for Preparedness and Response (ASPR) hospital preparedness program requirement subcapability for mass fatality management</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>
<p><b>PROTECTION OF THE HEALTHCARE WORKFORCE/PERSONAL PROTECTIVE EQUIPMENT TRAINING</b> Healthcare and other facilities are often required to provide information on hazardous substances and the risks associated with them as well as procedures needed to ensure the safety of healthcare workers and patients during an emergency or disaster.</p>				
 <p><b>Best Practices for the Protection of Healthcare Facility-Based First Receivers (EM 120)</b></p>	<p>This training is for workers who may identify a contaminated victim arriving at a healthcare facility unannounced. This group includes staff that would set up the decontamination system before victims arrive or track patients from a location outside of the decontamination zone.</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Narrated CD-ROM</li> <li>▪ Webinar</li> <li>▪ Instructor-led</li> </ul>	<p>Introductory level</p> <p><b>EM 120 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Recognizing what hazardous substances are and the risks associated with them in an incident</li> <li>▪ Identifying potential outcomes associated with an emergency created when hazardous substances are present</li> <li>▪ Reviewing their role in their facility's emergency response plan when responding to an incident</li> </ul>	<ul style="list-style-type: none"> <li>▪ OSHA, 29CFR 1910.120(q)(6)(i) Hazardous Waste Operations and Emergency Response (HAZWOPER) awareness-level standard related to hospital-based first responders</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses ( <i>PPE continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Best Practices for the Protection of Healthcare Facility-Based First Receivers (EM 120)</b></p> <p><i>(Continued)</i></p>			<p><b>EM 120 topics (Continued):</b></p> <ul style="list-style-type: none"> <li>Describing the methods and observations that may be used to recognize the presence of hazardous substances in the work area</li> <li>Listing the ways employees can protect themselves during an incident</li> </ul>	
 <p><b>N95 Respirator and Personal Protective Equipment (PPE) Training for Healthcare Workers (EM 121)</b></p>	Civilian and military healthcare workers who need to don and doff N95 respirators and basic personal protective equipment (PPE) while caring for certain infectious patients, including those with pandemic influenza	<ul style="list-style-type: none"> <li>Online</li> <li>Instructor-led</li> <li>CD-ROM</li> <li>Webinar</li> </ul>	<p>Introductory level</p> <p><b>EM 121 topics:</b></p> <ul style="list-style-type: none"> <li>Recognizing the need for respirator and personal protective equipment (PPE) use</li> <li>Identifying the types of infection transmission and discuss the importance of PPE</li> <li>Reviewing the proper methods for inspecting, donning and doffing a respirator and PPE</li> <li>Explaining the effective use of a respirator and PPE</li> <li>Listing common errors made in PPE and N95 respirator use</li> <li>Discussing proper disposal methods for PPE</li> </ul>	<ul style="list-style-type: none"> <li>OSHA Respirator Standard 1910.134(k), 1910.120</li> <li>Armed Forces training requirements (USACHPPM, NHRC, AFRL)</li> <li>1 AMA PRA category 1 CME credit (online)</li> </ul>
 <p><b>N95 Respirator Fit Tester Training (EM 122)</b></p> <p><b>Prerequisite:</b> EM 121</p>	Civilian and military healthcare trainers who need to perform a fit test for healthcare workers who must wear an N95 respirator	<ul style="list-style-type: none"> <li>Online</li> <li>Instructor-led</li> <li>Webinar</li> <li>CD-ROM</li> </ul>	<p>Intermediate level</p> <p><b>EM 122 topics:</b></p> <ul style="list-style-type: none"> <li>Identifying the need to conduct the N95 respirator fit test</li> <li>Conducting a fit test for N95 respirator use</li> </ul>	<ul style="list-style-type: none"> <li>OSHA Respirator Standard 1910.134(k)</li> <li>Armed Forces training requirements (USACHPPM, NHRC, AFRL)</li> <li>1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses ( <i>PPE continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>N95 Respirator Fit Tester Training (EM 122) (Continued)</b></p> <p><b>Prerequisite:</b> EM 121</p>			<p>Intermediate level</p> <p><b>EM 122 topics (Continued):</b></p> <ul style="list-style-type: none"> <li>▪ Discussing the use of the medical questionnaire prior to N95 respirator fit test</li> <li>▪ Performing proper inspection and disposal of respirators</li> </ul>	
 <p><b>Best Practices for the Protection of Healthcare Facility-Based First Receivers, Operations Level (EM 220)</b></p> <p><b>Prerequisite:</b> EM 120</p> <p>EM 220 training consists of a four-hour online instruction followed by a four-hour practical session in which participants demonstrate the skills learned in the didactic session.</p>	<p>MD/DO, PA, NP, RN, LPN, allied health, maintenance, environmental services, facility, engineering staff, hazmat, security and contractors who are part of decontamination teams and/or setting up and taking down decontamination facilities</p>	<p>Two-part course:</p> <ul style="list-style-type: none"> <li>▪ Online and</li> <li>▪ Instructor-led practical</li> </ul>	<p>Intermediate level</p> <p><b>EM 220 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Recognizing the presence of hazardous substances in an emergency through signs and symptoms of exposure</li> <li>▪ Preparing for appropriate hazard awareness and recognition by understanding and use of a hazard risk assessment</li> <li>▪ Identifying the different types of personal protective equipment (PPE) used during the decontamination process</li> <li>▪ Demonstrating proper donning and doffing of Level C PPE based on a given hazard</li> <li>▪ Identifying special decontamination considerations</li> <li>▪ Demonstrating ambulatory and non-ambulatory decontamination during a mass decontamination incident</li> </ul>	<ul style="list-style-type: none"> <li>▪ Regulations outlined in Congressional Federal Register, CFR 1910.120, and the Best Practices for Hospital-Based First Receivers of Patients, which was a result of the Occupational Health Safety Act revisions of February 2005 to address the concerns of hospital responders</li> <li>▪ 1 AMA PRA category</li> <li>▪ 3 CME credit (1 credit per online module)</li> </ul>

YNHHS-CEPDR Courses ( <i>PPE continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Best Practices for the Protection of Healthcare Facility-Based First Receivers, Operations Level Refresher (EM 220 R)*</b></p> <p><i>*Online annual review</i></p> <p><b>Prerequisite:</b> EM 220</p>	<p>MD/DO, PA, NP, RN, LPN, allied health, maintenance, environmental services, facility, engineering staff, security and contractors who are part of decontamination teams and/or setting up and taking down decontamination facilities</p>	<ul style="list-style-type: none"> <li>Online</li> </ul>	<p>Intermediate level</p> <p><b>EM 220R topics:</b></p> <ul style="list-style-type: none"> <li>Identifying hazardous substances</li> <li>Performing basic hazard and risk assessment techniques</li> <li>Taking steps to maintain safety</li> <li>Selecting the proper personal protective clothing and equipment (PPE)</li> <li>Donning and doffing Level C protection</li> <li>Explaining Level C protection using a powered air purifying respirator (PAPR)</li> <li>Using PPE effectively</li> <li>Preparing for a decontamination event</li> <li>Performing victim decontamination</li> <li>Explaining special decontamination considerations</li> </ul>	<ul style="list-style-type: none"> <li>Regulations outlined in Congressional Federal Register, CFR 1910.120, and the Best Practices for Hospital-Based First Receivers of Patients, which was a result of the Occupational Health Safety Act revisions of February 2005 to address the concerns of hospital responders</li> <li>1 AMA PRA category 1 CME credit (online)</li> </ul>
<p><b>CBRNE DISASTER TRAINING</b></p> <p>Designed to prepare responders and receivers to recognize and respond to chemical, biological, radiological, nuclear and explosive disasters.</p>				
 <p><b>Introduction to Radiological Emergency Preparedness (EM 110)</b></p>	<p>Nurses, doctors, radiology technicians, patient care associates, technical assistants, nuclear medicine workers, EMS workers responders and receivers</p>	<ul style="list-style-type: none"> <li>Online</li> <li>Narrated CD-ROM</li> <li>Instructor-led</li> </ul>	<p>Introductory level</p> <p><b>EM 110 topics:</b></p> <ul style="list-style-type: none"> <li>Defining the principles of radiation</li> <li>Describing terms commonly encountered in radiological and nuclear incidents</li> <li>Describing health risks associated with radioactive material listing</li> </ul>	<ul style="list-style-type: none"> <li>Nuclear Regulatory Commission (NRC)</li> <li>OSHA</li> <li>The Joint Commission</li> <li>1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses (CBRNE continued)				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Introduction to Radiological Emergency Preparedness (EM 110)</b></p> <p><i>(Continued)</i></p>			<p><b>EM 110 topics (Continued):</b></p> <ul style="list-style-type: none"> <li>▪ Recommendations for safeguarding personal safety during a radiological or nuclear incident</li> <li>▪ Translating strategies for addressing radiological injury and the psychological impact of radiological and nuclear incidents</li> </ul>	
 <p><b>Advanced Radiological Emergency Preparedness for Clinicians (EM 210)</b></p>	All staff who might respond during a radiation emergency	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Instructor-led</li> </ul>	<p>Advanced level</p> <p><b>EM 210 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Discussing radiation and its effects on biological systems</li> <li>▪ Identifying risks associated with radioactive or nuclear substances</li> <li>▪ Practicing personal health and safety around these substances on a day-to-day basis as well as during emergencies</li> <li>▪ Describing the psychological impact of these emergencies including recommendations to help with recovery after these events</li> <li>▪ Identifying critical issues of preparedness that can assist administrators and clinicians in mitigating radiological or nuclear catastrophes</li> </ul>	<ul style="list-style-type: none"> <li>▪ Nuclear Regulatory Commission (NRC)</li> <li>▪ OSHA</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses (CBRNE continued)				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Bioterrorism Preparedness for Clinicians (EM 201)</b></p>	<p>Recommended for physicians and other clinicians, medical professionals and first responders</p>	<ul style="list-style-type: none"> <li>▪ Online</li> </ul>	<p>Intermediate level</p> <p><b>EM 201 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Listing bioterrorism events and agents</li> <li>▪ Recognizing clinical syndromes</li> <li>▪ Preventing person-to-person transmission</li> <li>▪ Identifying communication methods</li> <li>▪ Describing mental health issues</li> <li>▪ Listing additional resources</li> </ul>	<ul style="list-style-type: none"> <li>▪ Columbia University School of Nursing and Association of Teachers of Preventive Medicine Clinician Competencies</li> <li>▪ Texas Department of State Health Services requirement for education for renewal of nursing license</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>
 <p><b>Planning and Response to a Pandemic influenza for Healthcare Workers (EM 180)</b></p>	<p>Healthcare workers and volunteers in acute care hospitals, community health centers, home health agencies, urgent care centers, skilled nursing facilities and public health agencies</p>	<ul style="list-style-type: none"> <li>▪ Instructor-led</li> <li>▪ Webinar</li> <li>▪ Online</li> </ul>	<p>Introductory level</p> <p><b>EM 180 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Identifying the origin of pandemic influenza and appreciating the risk of an outbreak</li> <li>▪ Distinguishing the difference between seasonal influenza, epidemic influenza and pandemic influenza</li> <li>▪ Recognizing the impact of an outbreak</li> <li>▪ Listing ways to protect yourself and your family in the event of a pandemic influenza, to limit your exposure and to protect yourself from becoming infected by correctly using personal protective equipment (PPE)</li> <li>▪ Assessing coping strategies to deal with the stress of a pandemic outbreak</li> </ul>	<ul style="list-style-type: none"> <li>▪ World Health Organization (WHO) Checklist for Influenza Pandemic Preparedness Planning</li> <li>▪ Health and Human Services (HHS) Pandemic Influenza Plan Supplement 3 Healthcare Planning</li> <li>▪ Centers for Disease Control and Prevention (CDC) Guideline for Hand Hygiene in Health-Care Settings</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses (CBRNE continued)				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Planning and Response to a Pandemic Influenza for Clinicians (EM 280)</b></p>	<p>Recommended for physicians, APRNs, PAs, RNs, LPNs and first responders</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Instructor-led</li> </ul>	<p>Intermediate level</p> <p><b>EM 280 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Describing the phases of a pandemic and one’s healthcare facility’s ability to respond</li> <li>▪ Identifying who will lead the community in the event of an outbreak and what type of community support is provided</li> <li>▪ Recognizing the impact of an outbreak</li> <li>▪ Listing ways to protect oneself and one’s family in the event of a pandemic influenza</li> <li>▪ Using Personal Protective Equipment (PPE) to limit your exposure and protect yourself from infection</li> <li>▪ Assessing coping strategies to deal with the stress of a pandemic outbreak</li> </ul>	<ul style="list-style-type: none"> <li>▪ WHO Checklist for Influenza Pandemic Preparedness Planning</li> <li>▪ HHS Pandemic Influenza Plan Supplement 3 Healthcare Planning</li> <li>▪ CDC Guideline for Hand Hygiene in Health-Care Settings</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>
<p><b>BEHAVIORAL HEALTH AND SPECIAL POPULATIONS TRAINING</b></p> <p>Agencies have recognized the importance to prepare physicians and other clinicians to treat at-risk populations during a health-related emergency.</p>				
 <p><b>Mental Health Aspects of Emergencies and Disasters for Non-Mental Health Professionals (EM 230)</b></p>	<p>Recommended for individuals who may come in contact with victims of an event</p>	<ul style="list-style-type: none"> <li>▪ Online</li> </ul>	<p>Introductory level</p> <p><b>EM 230 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Identifying and managing expected stress and anxiety associated with emergency events</li> <li>▪ Recognizing, treating and referring patients exhibiting behavioral health consequences related to public health emergencies</li> <li>▪ Viewing brief video vignettes that enhance the learner experience</li> </ul>	<ul style="list-style-type: none"> <li>▪ Columbia University School of Nursing and Association of Teachers of Preventive Medicine Clinician Competencies; Department of Health and Human Services Assistant Secretary for Preparedness and Response (ASPR)-defined at-risk population</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses ( <i>Behavioral Health and Special Populations continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Small Victims, Big Challenges: Pediatric Triage, Treatment and Recovery in Disasters (EM 250)</b></p>	<p>Recommended for physicians and other clinicians who may support pediatric victims during a disaster or other types of emergencies</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Instructor-led</li> <li>▪ Webinar</li> </ul>	<p>Advanced level</p> <p><b>EM 250 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Recognizing the emotional responses to a traumatic event, including behavioral, physical and cognitive responses as they apply to children</li> <li>▪ Listing required and desirable personnel, equipment and infrastructure for pediatric disaster preparedness</li> <li>▪ Demonstrating the ability to triage children who are victims of multiple casualty incidents (MCIs) using internationally accepted criteria (JumpSTART™)</li> <li>▪ Describing and identifying clinical manifestations and appropriate treatment for child victims of natural and human-caused disasters</li> <li>▪ Summarizing the mental health needs of infants, children and adolescents in disasters</li> <li>▪ Applying lessons learned to new and updated plans, treatments, preparedness, procedures, response and recovery activities</li> </ul>	<ul style="list-style-type: none"> <li>▪ This course addresses an ASPR-defined at-risk population</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses ( <i>Behavioral Health and Special Populations continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Children with Medical Dependencies - Responding to the Medical and Functional Needs of Pediatric Populations during Emergencies (EM 251)</b></p>	<p>Recommended for healthcare workers in an adult healthcare facility or elsewhere, with limited exposure to children as patients</p>	<ul style="list-style-type: none"> <li>Online</li> </ul>	<p>Introductory level</p> <p><b>EM 251 topics:</b></p> <ul style="list-style-type: none"> <li>Describing how children are fundamentally different in the way they respond to stressful stimuli during a disaster and how that response can be amplified when the child has a medical or functional need</li> <li>Recognizing that children with medical and functional needs are at a greater risk for adverse outcomes during disasters due to their individual needs and circumstances</li> <li>Describing signs, symptoms and treatments for children with various medical, behavioral and/or communication conditions and those who are aided by specialized medical equipment</li> </ul>	<ul style="list-style-type: none"> <li>This course addresses an ASPR-defined at-risk population</li> <li>1 AMA PRA category</li> <li>1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses ( <i>Behavioral Health and Special Populations continued</i> )				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Geriatric Preparedness, Triage and Treatment in Disasters (EM 260)</b></p>	<p>Recommended for responders or receivers who may come in contact with victims of an event</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Instructor-led</li> <li>▪ Webinar</li> </ul>	<p>Intermediate level</p> <p><b>EM 260 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Recognizing geriatric-specific disaster planning needs</li> <li>▪ Defining key physiological changes that occur with aging and can increase the vulnerability of older persons during disasters</li> <li>▪ Identifying necessary equipment, personnel and infrastructure for geriatric disaster preparedness</li> <li>▪ Illustrating clinical manifestations of common geriatric conditions and how they may exacerbate, mimic or mask CBRN conditions</li> <li>▪ Demonstrating triaging and appropriately treating geriatric victims of disaster incidents using internationally accepted criteria (START Triage)</li> <li>▪ Listing decontamination regulations and special considerations for the geriatric population</li> <li>▪ Providing recommendations for appropriate geriatric disaster training and exercises</li> </ul>	<ul style="list-style-type: none"> <li>▪ This course addresses an ASPR-defined at-risk population</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

YNHHS-CEPDR Courses				
EVACUATION/SHELTER-IN-PLACE TRAINING				
Facilities need to prepare all healthcare personnel for evacuations and shelter-in-place.				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Introduction to Evacuations (EM 150)</b></p>	<p>All employees who may be involved with evacuation or shelter-in-place</p>	<ul style="list-style-type: none"> <li>▪ Online</li> <li>▪ Instructor-led</li> <li>▪ Webinar</li> </ul>	<p>Introductory level</p> <p><b>EM 150 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Recognizing incidents that can lead to evacuations</li> <li>▪ Explaining approaches to evacuations</li> <li>▪ Noting tasks key to every evacuation</li> <li>▪ Listing security concerns</li> <li>▪ Appraising patient flow</li> <li>▪ Managing resource tracking</li> </ul>	<ul style="list-style-type: none"> <li>▪ HPP Capability 10 - Medical Surge: Function 5</li> <li>▪ The Joint Commission standards EM 02.02.03, EP 9 and EP 10; EM .02.02.11, EP 3</li> <li>▪ National Fire Protection Assn., NFPA code 99</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>
 <p><b>Patient Movement during Evacuations (EM 151)</b></p>	<p>All healthcare employees that might be called upon to assist in the evacuation of patients</p>	<ul style="list-style-type: none"> <li>▪ Online</li> </ul>	<p>Intermediate level</p> <p><b>EM 151 topics:</b></p> <ul style="list-style-type: none"> <li>▪ Demonstrating proper lifting techniques</li> <li>▪ Defining ratio of workers to patients</li> <li>▪ Listing special considerations that add complexity to a potential evacuation</li> <li>▪ Providing step-by-step instructions for using modes of transport during an evacuation</li> <li>▪ Locating response agencies that may be involved in or impact a healthcare evacuation</li> </ul>	<ul style="list-style-type: none"> <li>▪ HPP Capability 10 - Medical Surge: Function 5</li> <li>▪ The Joint Commission standards EM 02.02.03, EP 9 and EP 10; EM 02.02.11, EP 3</li> <li>▪ National Fire Protection Assn., NFPA code 99</li> <li>▪ 1 AMA PRA category 1 CME credit (online)</li> </ul>

**YNHHS-CEPDR Courses**

**EXERCISES TRAINING**

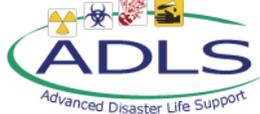
The training prepares emergency management personnel to design and conduct exercises.

Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Designing Exercises for Healthcare Facilities Workshop (EM 170)</b></p>	Emergency management personnel, emergency planners and other personnel with limited experience who are responsible for developing and conducting exercises	<ul style="list-style-type: none"> <li>Instructor-led workshop</li> </ul>	<p>Intermediate level</p> <p><b>EM 170 topics:</b></p> <ul style="list-style-type: none"> <li>Listing the benefits of exercises to the organization and its personnel</li> <li>Applying a variety of exercise types in the healthcare organization</li> <li>Determining the correct type of exercise to employ to meet organizational goals</li> <li>Recognizing five phases of exercise development: planning, design, conduct, evaluation and improvement</li> <li>Developing exercise program management including a multi-year exercise calendar</li> </ul>	<p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>Completion of FEMA IS120</li> <li>Recommended completion of FEMA IS139</li> <li>Understanding of NIMS</li> <li>Review of the Homeland Security Exercise and Evaluation Program (HSEEP) guidelines</li> <li>Familiarity with The Joint Commission requirements for environment of care</li> </ul>

**NATIONAL DISASTER LIFE SUPPORT (NDLS) TRAINING**

Designated by the American Medical Association, YNHHS-CEPDR is the Northeast regional provider for NDLS.

 <p><b>Basic Disaster Life Support (BDLS)</b></p>	Physicians, nurses, physician assistants, nurse practitioners, emergency medical technicians, paramedics, dentists, pharmacists, medical examiners, allied health professionals, health profession students, emergency management and disaster relief workers	<ul style="list-style-type: none"> <li>8-hour lecture and group discussions</li> </ul>	<p>Introductory level</p> <p><b>BDLS topics:</b></p> <ul style="list-style-type: none"> <li>All-hazards overview</li> <li>Natural and human-made disasters</li> <li>Traumatic and explosive events</li> <li>Nuclear and radiological events</li> <li>Biological events</li> <li>Chemical events</li> <li>Psychosocial aspects of terrorism and disasters</li> <li>The role of the public health system</li> </ul>	<ul style="list-style-type: none"> <li>Certificate of training valid for 3 years</li> <li>7.5 AMA PRA category 1 CME credit</li> </ul>
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YNHHS-CEPDR Courses (NDLS continued)				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Advanced Disaster Life Support (ADLS)</b></p>	Physicians, physician assistants, nurse practitioners, nurses and paramedics	<ul style="list-style-type: none"> <li>16-hour group scenarios with full day hands-on practice</li> </ul>	<p>Advanced level</p> <p><b>ADLS topics:</b></p> <ul style="list-style-type: none"> <li>Hospital and field triage techniques</li> <li>Medical decontamination</li> <li>Legal issues of disaster response</li> <li>Media and communications during a mass casualty incident</li> <li>Healthcare facilities and planning</li> <li>Community, state and federal responses</li> <li>Mass fatality incidents' practical stations</li> </ul>	<p><b>Prerequisite:</b> Must have successfully completed BDLS</p> <ul style="list-style-type: none"> <li>Certificate of training valid for 3 years</li> <li>14.5 AMA PRA category 1 CME credit</li> </ul>
 <p><b>National Disaster Life Support (NDLS) Instructor Training</b></p> <p><b>Prerequisite:</b> Must have successfully completed ADLS</p>	Physicians, physician assistants, nurse practitioners, nurses and paramedics	<ul style="list-style-type: none"> <li>6-hour group discussions and practice sessions</li> </ul>	<p>Advanced level</p> <p><b>NDLS topics:</b></p> <ul style="list-style-type: none"> <li>Small-group discussions and practice sessions to assist physicians, PAs, NPs, nurses and paramedics with becoming familiar with establishing and conducting an NDLS course</li> <li>Specific detail regarding the labor-intensive needs of the program are discussed along with potential sources of assistance</li> </ul>	<ul style="list-style-type: none"> <li>Certificate of training valid for 3 years</li> </ul>

YNHHS-CEPDR Courses				
<b>VOLUNTEERS TRAINING</b>				
There is an emphasis to better prepare disaster volunteers (ESAR-VHP, MRC) to delineate their role in providing continuity of care for existing patients and victims in the event of an emergency.				
Course Name	Targeted Audience	Modality	Course Overview	Competency/Capability Addressed
 <p><b>Introduction to Emergency Management for Healthcare Disaster Volunteers (EM 109 HDV)</b></p>	All public health, hospital and healthcare volunteers	<ul style="list-style-type: none"> <li>Online</li> <li>Facilitated discussion</li> <li>Webinar</li> </ul>	<p>Introductory level</p> <p><b>EM 109 HDV topics:</b></p> <ul style="list-style-type: none"> <li>Describing the types of emergencies and disasters that can impact healthcare facilities and volunteers</li> <li>Recognizing the benefits of the National Incident Management System (NIMS)</li> <li>Listing the components of the Incident Command System (ICS)</li> <li>Recognizing healthcare and public health employees, roles and responsibilities</li> <li>Explaining steps for personal and family preparedness</li> </ul>	<ul style="list-style-type: none"> <li>This course meets The Joint Commission, CMS, the NFPA 99 &amp;1600 and NIAHO requirements for environment of care guidelines</li> <li>AMA PRA category 1 CME credit (online)</li> </ul>
 <p><b>Volunteer Opportunities to Improve Communications during Emergency Situations (EM 270: VOICES)</b>  <i>A Modified TeamSTEPPS® Communications Learning Solution for MRC, ESAR-VHP, DMAT and other Volunteer Disaster Response Groups</i></p> <p>An eight-hour workshop that includes lecture, video vignettes and classroom activities designed to reinforce the concepts and principles presented and provide the audience with real-life scenarios from which to learn.</p>	Volunteers who are part of a medical disaster response team (e.g., physicians, nurses, technicians, emergency medical services, disaster response support and the Medical Reserve Corps)	<ul style="list-style-type: none"> <li>8-hour workshop</li> </ul>	<p>Introductory level</p> <p><b>EM 270 VOICES topics:</b></p> <ul style="list-style-type: none"> <li>Understanding MRC member's communication role(s) and processes with response partners, media, general public and others</li> <li>Communicating effectively with response partners, media, general public and others</li> <li>Creating consistent and approved messaging</li> <li>Identifying limits to own skills, knowledge and abilities as they pertain to MRC role(s)</li> <li>Communicating limitations when appropriate or necessary</li> </ul>	<ul style="list-style-type: none"> <li>MRC Domain 2: Roles and Responsibilities of Individual Volunteers</li> <li>Federal mandate based on the Institute of Medicine report to decrease medical errors and eliminate "never events"</li> </ul>