



Radiology MCI EDUCATION

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Dept Diagnostic & Interventional Imaging



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Topics you need to learn

- **ICS**
- Image Protocol Design
- Medical Informatics Communications
- Plan Design
 - personnel, patient tracking, equipment, supplies, interpersonal communications, recovery (COOP), drills, exercises



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Learn "Inside and Outside the Box"



The University of Texas Health Science Center at Houston

- Learn "Inside and Outside the Box"
 - Understand enough to integrate with your colleagues and other services



The University of Texas **Health Science Center at Houston**

- Learn "Inside and Outside the Box"
 - Understand enough to integrate with your colleagues and other services
 - Gain a working knowledge of your field



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 - Gain a working knowledge of your field
 - Cross Train



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- Share your knowledge



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- Share your knowledge
 - Have a backup person who knows as much as you



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 - Have a backup person who knows as much as you
 - Educate those who will implement the plan



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MHHS-TMC Emergency Radiology

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
7a – 3p	Bilow	Bilow					
3p – 11p				Bilow	Bilow		
11p – 7a							



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MHHS-TMC Emergency Radiology

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 - Share educational resources and encourage colleagues to learn



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- Keep it going



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 - don't "set it and forget it"



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- Keep it going
 - don't "set it and forget it"
 - Educational time is a high value commodity



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My Education and Training

- Online courses 15 hrs
- FFMA Live Course 20 hrs
- TEFX Live Course 16 hrs
- Discuss w/experts 10 hrs

Time Given to Educate Dept

- Section Chiefs' Mtg 15 min
- Faculty Mtg 15 min
- ER Section Mtg 15 min
- Resident Noon Conf 1 hr

• TOTAL -60 hrs

• TOTAL - < 2hrs



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 - Cross Train
- Share your knowledge •
 - Have a backup person who knows as much as you ٠
 - Educate those who will implement the plan
 - Share educational resources and encourage colleagues to learn ٠
- Keep it going
 - don't "set it and forget it"
 - Educational time is a high value commodity
 - Continuous ongoing snippets via email, reminders at staff meetings KISS principle with moderate repetition (but don't overwhelm)



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Training:

- ICS-300
- **ICS-400**
- FEMA IS-700 (NIMS, and introduction)
- OSHA 1910. 120 HazMat Awareness Training (or equivalent)

Experience:

- At least 2 years supervisory experience in health setting
- Participation in MCI or full scale exercise in a leadership position

* If funded by US federal grant money



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To take:

ICS-300 & ICS-400

One needs:

- IS-100
- IS-200
- NIMS-700
- NIMS-800

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*Recommended for Medical Unit Team Leader

Training:

FEMA IS-701 (Multiagency Coordination System)

Other:

Immunization recommendations for emergency responders per CDC

* If funded by US federal grant money



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Education

- FEMA Emergency Management Institute (EMI)
 - Online courses



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FEMA - EMI





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Education

- FEMA Emergency Management Institute (EMI)
 - Online courses

- Register for a Student ID
 - https://cdp.dhs.gov/femasid



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Education

- IS-700.A: National Incident Management System (NIMS) An Introduction
- IS-800.B: National Response Framework, An Introduction
- **IS-100**.HCB: Introduction to the Incident Command System for Healthcare/Hospitals
- **IS-200**.HCA: Applying ICS to Healthcare Organizations
- AWR-160: WMD/Terrorism (and HazMat) Awareness Training



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Fducational Resources

- FEMA Website (EMI)
- FEMA CDP



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CDP – Center for Domestic Preparedness

- Tuition \$0
- Transportation \$0
 - Flight, to/from airport, parking & bag fees
- Housing Provided at Facility
- Meals Provided at Facility

Cost to You – Time away from work and family ٠



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FEMA - CDP





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FEMA – CDP, Apply for Training





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FEMA - CDP





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FEMA CDP Courses for Radiologists

- FRAME
 - Framework for Healthcare Emergency Management
- HCL
 - Healthcare Leadership for Mass Casualty Incidents
 - Pre-requisite: recommended: ICS-300 (intermediate ICS for expanding incidents)
- HERT
 - Hospital Emergency Response Training for Mass Casualty Incidents
 - Pre-requisite: recommended: operations-level CBRNE training ٠



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 - Pre-requisite: recommended: operations-level CBRNE training
- -ICE
 - Integrated Capstone Event

UTHealth | McGovern

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FEMA CDP Courses for Radiologists

- -ICE
 - Integrated Capstone Event
 - Full Scale Exercise Encompassing Multiple Response Groups •
 - HERT-ICE
 - HERT->HERT-B TtT->ICE
 - PPMB->HERT->ICE
 - HCL->ICE
 - EMO->ICE
 - 2-3 courses offered on same dates work together on final day



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Educational Resources

- FEMA Website (EMI)
- FEMA CDP
- Other Online and Live Training



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Other Training

NDPC – National Domestic Preparedness Consortium



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Educational Resources

National Domestic Preparedness Consortium training partner of US DHS/FEMA congressional mandate 7 nationally recognized organizations



National Domestic Preparedness Consortium

NNSS/CTOS – WMD/Nuclear (Nevada)

EMRTC – Explosives (New Mexico)

SERTC – Transportation, HazMat, Security and Emergency Response (Colorado)

NERRTC – Response and Rescue (Texas)

DHS/FEMA CDP – Domestic Preparedness (Alabama)

NCBRT – Biomedical Research/Counter-Terrorism, Grants and Funding (Louisiana)

NDPTC – Natural Hazards (Hawaii)



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There is a lot of information out there



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You need to put in the hours and effort learning



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You need to put in the hours and effort learning You need your colleagues to get involved as well



The University of Texas **Health Science Center at Houston**

There is a lot of information out there

- You need to put in the hours and effort learning
- You need your colleagues to get involved as well
- You need to keep it going



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There is a lot of information out there

- You need to put in the hours and effort learning
- You need your colleagues to get involved as well
- You need to keep it going, because...

You never know when you'll need it!



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THANK YOU VERY MUCH



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