

**University of Iowa  
Hospitals and Clinics**  
Department of Nursing  
Services and Patient Care  
Nursing Clinical Education Center  
4 West, General Hospital  
319-356-1238 Tel

**Date:**  
Friday, Oct. 30th, 2020

**Time:**  
8:00 a.m. – 4:30 p.m.

**Location:**  
Emergency Medicine  
Auditorium, 0070 RCP

**Intended Audience:**  
UIHC staff employed in ED

**Course Fees:**  
There are no fees for  
registration or nursing CEU  
credits.

**Nursing Credits:**  
**7.0 contact hours** will be  
granted by UIHC Department  
of Nursing (IBN Approved  
Provider #34). Participants  
must attend the entire  
program to receive full credit.

Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Department of Nursing in advance at (319)356-1238.

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## Emergency Department: Hazardous Materials for Hospital Personnel First Receiver Awareness and Operations Training

### Purpose/Description:

To provide initial training to Emergency Department (ED) staff on proper chemical, biological, radiological decontamination procedures via didactic sessions as well as hands-on performance of donning and doffing the personal protective equipment in use at University of Iowa Hospitals and Clinics (UIHC).

### Schedule:

08:00-08:30	Unit 1: Introduction to Emergency Management
08:30-09:00	Unit 2: Introduction to HAZMAT
09:00-09:15	Unit 3: Exposure and Contamination
09:15-09:30	Unit 4: Hazardous Substances in the Community
09:30-10:00	Unit 5: Reference Materials
10:00-10:15	Break
10:15-10:35	Unit 6: Toxicology and Health Safety Basics
10:35-10:55	Unit 7: Care for the Exposed and Contaminated Patient Basics
10:55-11:30	Unit 8: Radiation Decontamination
11:30-12:00	Lunch
12:00-12:25	Unit 9: Chemical Decontamination Personal Protective Equipment
12:25-12:50	Unit 10: Chemical Decontamination Procedure
12:50-13:20	Unit 11: Decon Facility Introduction
13:20-13:30	Break
13:30-14:45	Unit 12: Chemical Decontamination (Hands On – Decon Facility)
14:45-16:00	Unit 13: Radiation Decontamination (Hands On – Decon Facility)
16:00-16:30	Exam/Course Conclusion*

\*Not eligible for CE Credits

### Objectives:

1. Describe a medical center's involvement in a hazardous materials event.
2. Describe key elements in the reception of patients arriving after contamination or exposure to hazardous materials.
3. Describe the differentiation between contaminated exposed individuals.
4. Identify common chemical, biological, radiological materials that could be used in a terrorist/hazardous chemicals exposure incident.
5. List resources available to hospital providers to assist in the care of the contaminated patient.
6. Identify toxicology terms as they relate to treating contaminated patients.
7. Identify factors involved in assuring personnel safety, safety of existing patients and visitors and prevention of secondary contamination during a hazardous materials incident in the ED.
8. Demonstrate the initial assessment of the contaminated patient upon their arrival to the ED.
9. Describe the entry routes and target organ systems as they relate to contaminated patients.
10. Identify UIHC Policies and Procedures related to a hazardous materials emergency.
11. Describe the ED response to decontamination needs, patient flow patterns, ensuring adequate personnel, and delineation of roles and responsibilities during an episode involving hazardous materials.
12. Identify equipment required for decontamination with a focus on staff PPE.
13. Describe essential steps in the post-decontamination incident recovery process.

### UIHC Faculty:

Cheryl Schnell, BSN, RN, CEN, TCRN, Staff Nurse, Emergency Department  
Amy Mundisev, RN, MSN CNL, CEN, Nurse Practice Leader, Emergency Department  
Joe Schmuecker RN, Staff Nurse, Emergency Department