



Advanced
HAZMAT
Life Support



AHLS Provider Course

Polk County Emergency Management Agency
1907 Carpenter Avenue
Des Moines, Iowa 50314

Wednesday, April 24, 2024

7:30 AM	Registration, Continental Breakfast, Independent Textbook Study	
8:00 AM	Welcome	<i>Kathy Jacobitz, MHA, BSN, RN, CSPI</i>
8:10 AM	Section I: General Principles of AHLS Chapter 1: Hazardous Materials Epidemiology: Hazmat Happens Chapter 2: Important Properties of Hazardous Materials Chapter 3: Medical Management of Hazmat Victims	<i>Jeff Gilchrist, MHA, RN, CEN, CPEN, NREMT-P, CCEMT-P</i>
10:00 AM	Break	
10:10 AM	Section II: Toxic Inhalations Chapter 6: Irritant Gases Chapter 7: Asphyxiants Chapter 8: Antidote: Normobaric Oxygen Chapter 9: Antidote: Hyperbaric Oxygen Chapter 10: Antidote: Methylene Blue Chapter 11: Antidote: Amyl Nitrite Chapter 12: Antidote: Sodium Nitrite Chapter 13: Antidote: Sodium Thiosulfate Chapter 14: Antidote: Hydroxocobalamin	<i>Grant Houselog, PharmD, CSPI</i>
12:00 PM	Lunch	
12:45 PM	Section III: Insecticide Poisoning Chapter 16: Organophosphate and Carbamate Insecticides Chapter 17: Antidote: Pralidoxime Chapter 18: Antidote: Atropine	<i>Joshua Trebach, MD</i>
2:15 PM	Break/Transition to Scenario Groups <i>(See your registration packet for your subgroup)</i>	
3:00 PM	Interactive Case Studies Chapter 31: AHLS Tabletop Exercise 1: Ammonia Assault Chapter 31: AHLS Tabletop Exercise 2: Sleeping Beauty	<i>Grant Houselog, PharmD, CSPI</i> <i>Joshua Trebach, MD</i>
5:00 PM	End of Day 1	



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Thursday, April 25, 2024

7:45 AM	Sign-In, Continental Breakfast, Independent Textbook Study	
8:00 AM	Section IV: Corrosives, Hydrocarbons, & Substituted Hydrocarbons Chapter 20: Corrosives	<i>Jeff Gilchrist, MHA, RN, CEN, CPEN, NREMT-P, CCEMT-P</i>
	Chapter 21: Hydrocarbons & Substituted Hydrocarbons	<i>Grant Houselog, PharmD, CSPI</i>
	Section V: Miscellaneous Toxicants Chapter 22: Hydrazines Chapter 23: Antidotes: Pyridoxine Chapter 24: Hydrofluoric Acid Chapter 25: Antidotes: Calcium Gluconate Chapter 26: Antidotes: Calcium Chloride	<i>Joshua Trebach, MD</i>
10:00 AM	Break	
10:10 AM	Section VI: Toxic Terrorism Chapter 28: Chemoterrorism: Nerve Agents Chapter 29: Bioterrorism	<i>Kathy Jacobitz, MHA, BSN, RN, CSPI Joshua Pruitt, MD</i>
12:00 PM	Lunch	
12:45 PM	Section VI: Toxic Terrorism Chapter 29: Bioterrorism (continued) Chapter 30: Radiation Emergencies	<i>Joshua Pruitt, MD</i>
2:40 PM	Break/Transition to Scenario Groups <i>(See your registration packet for your subgroup)</i>	
2:45 PM	Interactive Case Studies Chapter 31: AHLS Tabletop Exercise 3: Poisoning Predicament Chapter 31: AHLS Tabletop Exercise 4: Fluoride Fiasco	<i>Kathy Jacobitz, MHA, BSN, RN, CSPI Joshua Trebach, MD</i>
3:45 PM	Review for Post-Test	
4:00 PM	Provider Post-Test and Course Evaluation	
5:00 PM	End of Course	

Disclosure of Relevant Financial Relationships

The following disclosure information is provided to learners and contains the relevant financial relationships that each individual in a position to control the content disclosed to Arizona State University and the University of Arizona.

If their name is NOT listed below, they disclosed that they had no relevant financial relationships.

Continuing Education Statements

Commission on Accreditation for Pre-Hospital Continuing Education



The Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE) is a continuing education (CE) accrediting body that services educational institutions, not-for-profit educational organizations, and for-profit companies that provide emergency medical services CE. This CE activity is accredited for **16.25 Advanced CEH** by the Arizona Emergency Medicine Research Center, an organization accredited by Commission on Accreditation for Prehospital Continuing Education (CAPCE.)

CAPCE#: 21-AEMR-F2-0001 (Live Courses)

CAPCE#: 21-AEMR-F5-0001 (Virtual Courses)

Joint Accreditation

In support of improving patient care, this activity has been planned and implemented by Arizona State University and The University of Arizona. Arizona State University is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.



JOINT ACCREDITATION™
INTERPROFESSIONAL CONTINUING EDUCATION

AMA PRA Category 1 Credit™ – CME – 16.25 credit hours per completed course
Nursing Continuing Professional Development – NCPD 16.25 credit hours per completed course
Continuing Pharmacy Credit – CPE - 16.25 credit hours per completed course

Universal Activity Numbers (UAN) for activity 0319-23 (B):

For Course Dates: 01/01/2024- 12/31/2024

Pharmacist: JA4008217-9999-24-002-L05-P

Interprofessional Continuing Education (IPCE)



IPCE CREDIT™

This activity was planned by and for the healthcare team, and learners will receive 16.25 Interprofessional Continuing Education (IPCE) credits for learning and change.

Interprofessional Continuing Education – IPCE – 16.25 credit hours per completed course

Course Objectives

The **Advanced Hazmat Life Support (AHLS) Provider Course** is a 16.25 hour, 2-day course. Upon completion, the participant should be able to:

- ◆ Rapidly assess hazmat patients
- ◆ Recognize toxic syndromes (toxidromes)
- ◆ Discuss the medical management of hazmat patients.
- ◆ Apply the Poisoning Treatment Paradigm™
- ◆ Describe the indications, contraindications, potential complications, dosages, and routes of antidotes most likely to be used at a hazmat incident