

11th Annual

NEW MEXICO



FIRE & EMS EXPO

EVENT CATALOG

**October 23rd, 2024 thru
October 27th, 2024**

**NM Firefighters Training Academy
Socorro Convention Center
Socorro, New Mexico**



 REGISTER

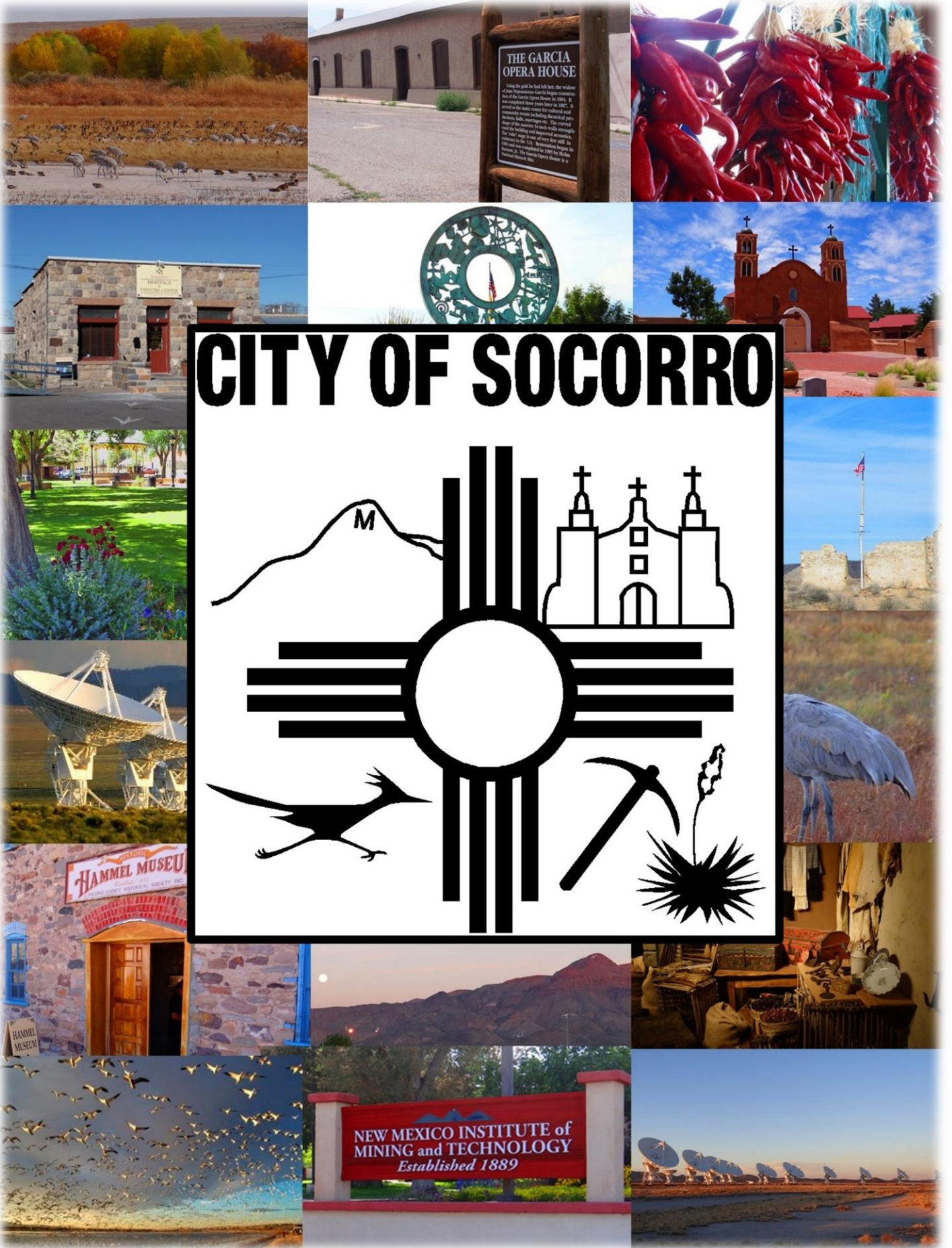




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A MESSAGE FROM THE COMMITTEE

Greetings!

Welcome to the 11th Annual NM Fire and EMS Expo and the 66th Anniversary of The New Mexico Annual Fire School!

This exciting, state-of-the-art Fire and EMS Expo has been designed to provide Emergency Services personnel with educational opportunities that reflect current fire and medical knowledge along with hands-on practice. The goal is to give the attendee the tools to enhance and reinforce skills and knowledge critical for smooth and efficient on-scene operations. The conference offers over 100 sessions, presented by Fire and EMS subject matter experts. The Expo is designed for flexibility to allow you to select continuing education topics in the areas that are important to you.

The Expo is held in the quaint town of Socorro, New Mexico giving attendees the opportunity to enjoy the city while attending this premiere educational opportunity.

Thank you for your interest in Expo. We hope to see you this year!

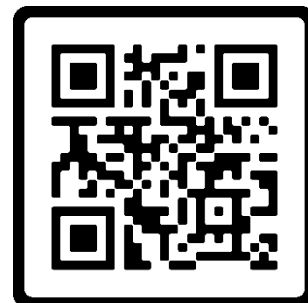
Sincerely,

The NM Fire and EMS Expo Committee



Get the classes you want!
Register Early!
Only \$200 per person!

Register at:
<https://cvent.me/G9kn3w>



SCHEDULE OF EVENTS

Wednesday 10/23

- Registration NM Fire Academy 10am to 1pm
- Classes begin at 1pm
- Gear Check in 10am to 4pm

Thursday 10/24

- Registration NM Fire Academy 7:30 to 8am
- Classes begin at 8am

Friday 10/25

- Registration NM Fire Academy 7:30 to 8am
- Classes begin at 8am
- City BBQ 5:30pm at the Vendor tent

Saturday – Vendor Day 10/26

- Registration NM Fire Academy 7:30 to 8am
- Breakfast with the Vendors 7:30am
- Classes begin at 8:30am
- Hotdog Cookout Lunch 12:30pm to 2:15pm Vendor Tent
- Networking With the Stars Awards Dinner 6-9pm at the Socorro Convention Center

Sunday 10/27

- Registration NM Fire Academy 7:30 to 8am
- Memorial Ceremony Drill Tower 8am
- Classes begin at 9:30am
- Expo concludes 12pm



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SCHEDULE AT A GLANCE

Wednesday, October 23rd

10am to 1pm -----

Registration and Check-In

NM Fire Academy Admin Building

1pm to 2pm -----

Kids and Hormones

*Doug Gadowski, Retired UNM EMS Academy
NM EMS CE – 1 hr. Pediatric*

Endocrine Emergencies

*Jonathan Kidd, UNM Hospitals
NM EMS CE – 1 hr. Medical*

A Trip to the Pharm

*Dr. Sean Buehler, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Thermal Imaging (1pm to 3:30pm)

*Chief Joseph DeSoto, Cubero Vol. Fire Dept.
NM EMS CE – 2.5 hrs. Prep/Ops*

Rope Rescue Equipment Workshop - Knots

NM Fire Academy Adjunct Instructors

2:30pm to 3:30pm -----

Pediatric Medications: Cases and Administration Practice

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Pediatric*

Elder Abuse Recognition

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Special Considerations*

Where am I? Basic Navigation

*Eleanore Nestlerode, Gloretta Pass Fire Dept.
NM EMS CE – 1 hr. Prep/Ops*

4pm to 5pm -----

Adrenal Glands: We All Know About The Flight Or Fight Response

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Medical*

Pediatric Airway Lab

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

Scene Safety: Our #1 Priority!

*Chief Dustin Middleton, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

Bites and Stings of the Southwest

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Medical*

Thursday, October 24th

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8am to 9am -----

AWR-147 Rail Car Incident Response (8am to 5pm)

FEMA Staff

Fire Behavior and Flow Paths (8am to 12pm)

NM Fire Academy Adjunct Instructors

Advanced Vehicle Extrication (8am to 5pm, Thurs-Sat)

NM Fire Academy Adjunct Instructors

Flammable Liquids Fires (8am to 12pm)

NM Fire Academy Adjunct Instructors

Mechanical Advantages (8am to 12pm)

NM Fire Academy Adjunct Instructors

Extrication with Hand Tools (8am to 12pm)

NM Fire Academy Adjunct Instructors

Look Out For That Car!

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Trauma*

Talk to Me: Understanding Radio Communications

*Chief Dustin Middleton, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

Rehab for First Responders

*Chief Joseph DeSoto, Cubero Vol. Fire Dept.
NM EMS CE – 1 hr. Prep/Ops*

Medical Emergency Case Studies

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Medical*

Write A Better Report: Charting Basics

*William Wilson, Superior Ambulance Service
NM EMS CE – 1 hr. Prep/Ops*

9:30am to 10:30am -----

NM Fire Department Funding Overview

NM Fire Marshal's Office – Support Bureau

Capnography and How Medications Can Affect It

*Darrell Fixler, Kirtland AFB Fire & ES,
Torrance County Fire & EMS
NM EMS CE – 1 hr. Airway*

Unpacking Abdominal Pain

*Dr. Chris Root, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

EMS Clue (9:30am to 12pm)

*Mary Hewett, Mountainair Vol. Fire Dept.
NM EMS CE – 2.5 hrs. Medical*

Critical Thinking for EMS Providers

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Prep/Ops*

EMS Pictionary: A Different Way to Communicate

*William Wilson, Superior Ambulance Service
NM EMS CE – 1 hr. Medical*

11am to 12pm -----

Service in Flames

David Gonzales, Rio Rancho Fire and Rescue

Cold Emergencies

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Medical*

Making MCEP Calls Work For You

*Dr. Chris Root, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Hypertensive Disorders of Pregnancy

*Doug Gadowski Retired UNM EMS Academy
NM EMS CE – 1 hr. Special Considerations*

Urgent Care vs. ER, Do Patients Know the Difference?

*Stephanie Habiger, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

12pm to 1pm -----

Lunch Break

1pm to 2pm -----

VEIS (Vent Enter Isolate Search) (1pm to 5pm)

NM Fire Academy Adjunct Instructors

Preparing for ISO

NM Fire Marshal's Office – Support Division

Advanced Lifting Techniques (1pm to 5pm)

NM Fire Academy Adjunct Instructors

Highway Safety for First Responders (1pm to 5pm)

*NM Fire Academy Staff
NM EMS CE: 4 hrs. Prep/Ops*

LPG Fires (1pm to 5pm)

NM Fire Academy Adjunct Instructors

Sloping Highlines (1pm to 5pm)

NM Fire Academy Adjunct Instructors

Asthma

*Jonathan Kidd, UNM Hospital
NM EMS CE – 1 hr. Airway*

You're on what? So many drugs. What should we do?

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Prep/Ops*

Dumb Ways to Die

*Mary Hewett, Mountainair Vol. Fire Dept.
NM EMS CE – 1 hr. Medical*

What's Buggin' You?

*Doug Gadowski, Retired UNM EMS Academy
NM EMS CE – 1 hr. Medical*

Pediatric Sepsis: The Silent Killer

*Stephanie Habiger, Cibola County Fire and ES
NM EMS CE – 1 hr. Pediatric*

2:30pm to 3:30pm -----

That's The Breaks (2:30pm to 5pm)

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 2.5 hrs. Trauma*

Bleeding Control

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Trauma*

Senior Safety: How Can We Help?

*Chief Joseph DeSoto, Cubero Vol. Fire Dept.
NM EMS CE – 1 hr. Special Considerations*

It's Not Just Vital Signs: Pediatric Assessment

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

Acute Respiratory Emergencies

*Kassi Laursen, Cibola County Fire and ES
NM EMS CE – 1 hr. Airway*

4pm to 5pm -----

EMS QA/QI Program Development

*Deputy Chief Yvonne Feijoo, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Prep/Ops*

The Firefighters' Firefighter: Saving Our Own in the Mental Health Crisis

*Nathan Carr, NM Crisis Support
NM EMS CE – 1 hr. Prep/Ops*

Body Modification

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Medical*

Pediatric Stroke

*Stephanie Habiger, Cibola County Fire and ES
NM EMS CE – 1 hr. Pediatric*

Friday, October 25th

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8am to 9am -----

Dash Rolls and Displacement (8am to 12pm)

NM Fire Academy Adjunct Instructors

Transitional Fire Attack (8am to 12pm)

NM Fire Academy Adjunct Instructors

LPG Fires (8am to 12pm)

NM Fire Academy Adjunct Instructors

Stinger Operations and Liquid Transfer (8am to 12pm)

NM Fire Academy Adjunct Instructors

Know Your Foam (8am to 12pm)

Norbe Puroll, Perimeter Solutions

Above Grade Fires (8am to 12pm)

NM Fire Academy Adjunct Instructors

Climbing and Repelling (8am to 12pm)

NM Fire Academy Adjunct Instructors

988 and The Resources It Provides

*Jewel Kessler, 988 Resources
NM EMS CE – 1 hr. Prep/Ops*

Pediatric IO Skills Lab

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

Chest Pain: What a Difference You Make

*Dr. Benjamin Diven, NM EMS Physician
NM EMS CE – 1 hr. Cardiac*

Facial Trauma

*Dr. Whitney Barrett, UNM EMS Consortium
NM EMS CE – 1 hr. Trauma*

OB Emergencies

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Special Considerations*

Heat Injuries and Envenomation

*Cory Myers, Air Methods
NM EMS CE – 1 hr. Medical*

9:30am to 10:30am -----

Neonatal Resuscitation

*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Pediatric*

Chat with the Chief - EMS

*Chief Kyle Thornton, NM EMS Bureau
NM EMS CE – 1 hr. Prep/Ops*

Approach to Tachycardia

*Dr. Whitney Barrett, UNM EMS Consortium
NM EMS CE – 1 hr. Cardiac*

The Firefighters' Firefighter: Saving Our Own in the Mental Health Crisis

*Nathan Carr, NM Crisis Support
NM EMS CE – 1 hr. Prep/Ops*

Farm and Agriculture Injuries and Hazards (9:30am to 12pm)

*Cory Myers, Air Methods
NM EMS CE – 2.5 hrs. Trauma*

11am to 12pm -----

Chat w/ the Chief – SFMO

Chief Randy Varela, NM State Fire Marshal's Office

Congenital Heart Defects in Kids

*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Pediatric*

Xylazine: It's Here!

*Chief Kyle Thornton, NM EMS Bureau
NM EMS CE – 1 hr. Medical*

POD Planning

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Prep/Ops*

Safe Medication Administration

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Prep/Ops*

12pm to 1pm -----

Lunch Break

1pm to 2pm -----

Search and Rescue (1pm to 5pm)
NM Fire Academy Adjunct Instructors

Advanced Passenger Vehicle Lifting Techniques (1pm to 5pm)
NM Fire Academy Adjunct Instructors

Below Grade Fires (1pm to 5pm)
NM Fire Academy Adjunct Instructors

High Directionals (1pm to 5pm)
NM Fire Academy Adjunct Instructors

Preserving the Fire Scene (1pm to 3:30pm)
NM Fire Academy Adjunct Instructors

Initial Response for Company Officers (1pm to 5pm)
Jim Tuma, Retired Bernalillo County Fire Rescue

NM EMS for Children: Who Are We and How Can We Help?
*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

MCI Part 1
*Ashlee West, Sierra Vista Ambulance
NM EMS CE – 1 hr. Trauma*

Weight Loss Medical Emergencies
*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical*

NM DOT Transportation Regulations Update
*Chief Alicia Ortiz, NM DOT
NM EMS CE – 1 hr. Prep/Ops*

Illicit Drug Use
*Cory Myers, Air Methods
NM EMS CE – 1 hr. Medical*

2:30pm to 3:30pm -----

Mental Health Emergencies
*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Medical*

MCI Part 2: Putting It All Together
*Ashlee West, Sierra Vista Ambulance
NM EMS CE – 1 hr. Trauma*

Triad Wildfire Response: EMS, Fire, and Home Health and Hospice Interface
*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Prep/Ops*

NM EMS Fund Act and Medical Rescue Updates
*Rachel Marquez, NM EMS Bureau
NM EMS CE – 1 hr. Prep/Ops*

The Fire That Burns Within (2:30pm to 5pm)
*Paul Bearce, NM Suicide Prevention Coalition
NM EMS CE – 2.5 hrs. Prep/Ops*

4pm to 5pm -----

Pediatric Sport Injuries
*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Pediatric*

Stop The Bleed
*Ashlee West, Sierra Vista Ambulance
NM EMS CE – 1 hr. Trauma*

EMS Response to House of Worship Events
*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Prep/Ops*

Pediatric Scenarios
*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

5:30pm to 7pm -----

**30th Annual
Fire School Barbeque!**
*Friday, October 25th, 2024
Starts at 5:30pm
Vendor Dining Tent*



Saturday, October 26th

7:30am to 8:30am -----



Breakfast with the Vendors!
Starts @ 7:30am Vendor Tent

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8:30am to 9:30am -----

Preparing for ISO

NM Fire Marshal's Office – Support Division

Fatal Fire Investigations (8:30am to 11am)

NM Fire Academy Adjunct Instructors

Water Shuttle Operations (8:30am to 4:30pm)

NM Fire Academy Adjunct Instructors

Firefighter Survival (8:30am to 12:30pm)

NM Fire Academy Adjunct Instructors

Open Structure Burns (8:30am to 12:30pm)

NM Fire Academy Adjunct Instructors

Flammable Liquids Fires (8:30am to 12:30pm)

NM Fire Academy Adjunct Instructors

Upside Down Access (8:30am to 12:30pm)

NM Fire Academy Adjunct Instructors

Confined Space Awareness & Operations (8:30am to 12:30pm)

NM Fire Academy Adjunct Instructors

Sepsis

*My Ha, Air Methods
NM EMS CE – 1 hr. Medical*

Creating a Psychologically Healthy Fire Department (8:30am to 11am)

*Paul Bearce, NM Suicide Prevention Coalition
NM EMS CE – 2.5 hrs. Prep/Ops*

Caring for Patients in Law Enforcement Custody

*Dr. Jenna White, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Cyanide Poisoning

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Foodborne Illness

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical*

10am to 11am -----

Basic to Advanced Airway

*My Ha, Air Methods
NM EMS CE – 1 hr. Airway*

Dialysis-Related Emergencies and Renal Disease

*Dr. Jenna White, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Hot Topics in EMS Literature

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Rural STEMIs

*Dr. Chelsea White, UNM EMS Consortium
NM EMS CE – 1hr. Cardiac*

11:30am to 12:30pm -----

Hands on Airway Lab

*My Ha, Air Methods
NM EMS CE – 1 hr. Airway*

Just another Nursing Home Call

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Special Considerations*

Back Pain Mimics

*Dr. Shelby Parker, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Alcohol Abuse & Withdrawal

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Approach to the Subtly Crashing Patient

*Dr. Chelsea White, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

12:30pm to 2:15pm -----



**Hotdog Cookout
Saturday**

12:30 – 1:30pm

@ Fire Station Bay

*Sponsored by the
NM Fire and EMS Expo Committee*

2:15pm to 3:15pm -----

Incident Communications (2:15pm to 4:30pm)

*Joe Kenmore, Lincoln County OES
Michael Scales, Lincoln County OES
NM EMS CE – 2.5 hrs. Prep/Ops*

Lessons Learned - 2024 Ruidoso Fire and Floods (2:15pm to 4:30pm)

Eric Queller, Ruidoso OEM

Forcible Entry (2:15pm to 4:30pm)
NM Fire Academy Adjunct Instructors

Open Structure Burns (2:15pm to 4:30pm)
NM Fire Academy Adjunct Instructors

Landing Zone Safety (2:15pm to 4:30pm)
My Ha, Air Methods
NM EMS CE – 2.5 hrs. Prep/Ops

Adjusting Your Reality
Paul Bearce, NM Suicide Prevention Coalition
NM EMS CE – 1 hr. Prep/Ops

LGBTQIA+ Patient Considerations
Dr. Shelby Parker, UNM EMS Consortium
NM EMS CE – 1 hr. Special Considerations

Medical MCI Management
John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical

Inhale, Exhale: Mastering the Complexities of Pulmonary Physiology and Pathology
Andrew Peace, Burrell College of Osteopathic Medicine
NM EMS CE – 1 hr. Airway

3:30pm to 4:30pm -----

NM EMT Association Annual Meeting and Training
Deputy Chief Tomi DeSoto, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops

Pediatric Respiratory Emergencies
Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Pediatric

Bad Bugs: Infectious Disease Overview
John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical

Spotting the Zebra Stripes: Identifying and Handling Unusual Trauma
Andrew Peace, Burrell College of Osteopathic Medicine
NM EMS CE 1 hr. - Trauma

6pm to 9pm -----



Sunday, October 27th

7:30am to 8am -----

Registration and Check-In
NM Fire Academy Admin Building

8am to 9am -----



9:30am to 10:30am -----

Drone Program Development for the First Responder
Janessa Ruiz, Bernalillo County Fire Rescue

Albuterol Overdose
Deputy Chief Tomi DeSoto, Cibola County Fire and ES
NM EMS CE – 1 hr. Medical

Cardiac Emergency Care
Karen Burns, Clovis Community College
NM EMS CE – 1 hr. Cardiac

Rodeo Injuries
Dr. Mateo Garcia, UNM EMS Consortium
NM EMS CE – 1 hr. Trauma

Pediatric Tape Overview
Jay James, Clovis Community College
NM EMS CE – 1 hr. Pediatric

11am to 12pm -----

From Cradle to Cane: A Comparative look at Pediatric, Adult, and Geriatric Management of Diabetes
Alexis Fastle, Burrell College of Osteopathic Medicine
NM EMS CE – 1 hr. Medical

The Aging Generation
Karen Burns, Clovis Community College
NM EMS CE – 1 hr. Special Considerations

Capno Basics
Dr. Mateo Garcia, UNM EMS Consortium
NM EMS CE – 1 hr. Airway

Basic Rhythms and How to Treat Them
Jay James, Texico Volunteer Fire Dept.
NM EMS CE – 1 hr. Cardiac

12pm -----Expo Conclusion – Thank you!

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SESSION DESCRIPTIONS

Wednesday, October 23rd

10am to 1pm -----

Registration and Check-In

NM Fire Academy Admin Building

1pm to 2pm -----

Kids and Hormones

...and you thought it was about adolescence! This presentation will take a look at the endocrine system in kids and how it affects so many functions in their bodies from before birth to long afterwards. We'll look at select common and not-so-common conditions resulting from endocrine dysfunction and apply this to our case study to help identify the "real" (relative) emergency.

*Doug Gadowski, Retired UNM EMS Academy
NM EMS CE – 1 hr. Pediatric*

Endocrine Emergencies

This class will review common endocrine emergencies, their pathologies, responder recognition, and adequate management for improved patient outcomes.

*Jonathan Kidd, UNM Hospitals
NM EMS CE – 1 hr. Medical*

A Trip to the Pharm

In this session, Dr. Buehler will be examining the Dogma and Myths of Common EMS Medications and how we as providers can make better treatment decisions.

*Dr. Sean Buehler, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Thermal Imaging (1pm to 3:30pm)

An introduction to the use of Thermal Imagers, their advantages, capabilities, limitations, and pitfalls. Students will learn what Infrared radiation is and how imagers interpret it. How do we know what it is telling us. They are used in the Fire Service extensively but for what other purpose can they be used.

*Chief Joseph DeSoto, Cubero Vol. Fire Dept.
NM EMS CE – 2.5 hrs. Prep/Ops*

Rope Rescue Equipment Workshop - Knots

First ropes course offered on opening day. Students will inventory the trailer and learn what all the equipment is. After which, they will also learn to tie over ten rescue knots. Required PPE: Leather or sturdy gloves & above-ankle boots.

NM Fire Academy Adjunct Instructors

2:30pm to 3:30pm -----

Pediatric Medications: Cases and Administration Practice

We will use case studies and practice drawing up medication for pediatric patients.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Pediatric*

Elder Abuse Recognition

This comprehensive course is designed to equip participants with the knowledge and skills needed to identify, understand, and respond to elder abuse. As the population of older adults grows, recognizing the signs of abuse and neglect becomes increasingly vital.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Special Considerations*

Where am I? Basic Navigation

GPS Coordinate systems, which are very important in our world, vary in both their builds and their uses. In order to use them correctly and potentially save lives through efficient location of patients and scenes, understanding the variations in these aspects is critical. In this course, I hope to help you become acquainted with these variations, and get an understanding of why they exist, with a few extra useful tips included.

*Eleanore Nestlerode, Gloretta Pass Fire Dept.
NM EMS CE – 1 hr. Prep/Ops*

4pm to 5pm -----

Adrenal Glands: We All Know About The Flight Or Fight Response

Join Ann in finding out what else we need to know about the endocrine glands in order to better treat our patients.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Medical*

Pediatric Airway Lab

This interactive lab is designed for healthcare professionals who want to deepen their expertise in pediatric airway management. With a focus on practical skills and real-world applications, participants will engage in hands-on training to master the techniques needed for effective airway management in pediatric patients.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

Scene Safety: Our #1 Priority!

Join Chief Middleton in reviewing the importance of examining a scene and how to maintain situational awareness in order to keep everyone safe.

*Chief Dustin Middleton, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

Bites and Stings of the Southwest

Join Pete in discussing the most common bites and stings that occur in our area. He will also discuss the best practice in treating these injuries.

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Medical*

Thursday, October 24th

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8am to 9am -----

AWR-147 Rail Car Incident Response (8am to 5pm)

The Rail Car Incident Response course has been developed to educate emergency responders on freight rail car incidents involving hazardous materials. As more and more rail traffic transports cargo, including hazardous materials, it is critical that emergency responders are well trained. The increase in traffic adds to the already present risk of transportation incidents involving hazardous cargo. In addition, since a majority of the rail traffic travels through rural America, it is important that the often times resource limited rural responder community become educated about the dangers and unique hazards presented with rail cars. The information covered in this course will enhance the ability of emergency responders, especially rural emergency responders, to manage rail car incidents.

FEMA Staff

Fire Behavior and Flow Paths (8am to 12pm)

In this class you will experience fire from ignition, to fully developed, to the decay stage. Afterwards we will display the effects that ventilation and weather have on flow path control. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Advanced Vehicle Extrication (8am to 5pm, Thurs-Sat)

This intensive 24-hour course is designed for experienced first responders who need to enhance their skills in vehicle extrication involving complex and large-scale vehicles. Participants will engage in advanced techniques for extricating victims from school buses, heavy equipment, and tractor trailers, focusing on the unique challenges and safety considerations associated with these vehicles. Required PPE: NFPA approved structural firefighting gear or extrication jumpsuit / technical rescue gear, helmet, secondary eye protection, leather type

gloves or extrication type gloves, hard sole shoes preferably steel toe or any NFPA approved type boot. Students should have knowledge in basic vehicle extrication before attending this class.

NM Fire Academy Adjunct Instructors

Flammable Liquids Fires (8am to 12pm)

This is an exciting and fun class if you want to train and experience a fire as dynamic as flammable liquids. From a leaking well head fire to the giant referred to as “The Pit”, we have a variety of props that will no doubt leave you walking away feeling accomplished. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Mechanical Advantages (8am to 12pm)

In this session, students will learn how to generate mechanical advantage using rope and pulleys as a force multiplier to safely rescue individuals from difficult areas. Required PPE: Leather or sturdy gloves & above-ankle boots.

NM Fire Academy Adjunct Instructors

Extrication with Hand Tools (8am to 12pm)

How to perform basic vehicle extrication techniques with nothing but hand tools. This will give you the knowledge to still operate should your primary tools go down. Required PPE: NFPA approved structural firefighting gear or extrication jumpsuit / technical rescue gear, helmet, secondary eye protection, leather type gloves or extrication type gloves, hard sole shoes preferably steel toe or any NFPA approved type boot.

NM Fire Academy Adjunct Instructors

Look Out For That Car!

As New Mexico becomes the #1 state in auto /pedestrians’ fatalities we will look at case studies involving those type accidents. We will discuss the MOI involved, treatment of the injured and look at some way we might be able to promote awareness to prevent such accidents.

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Trauma*

Talk to Me: Understanding Radio Communications

One of the greatest challenges on any major incident is communications. This class will address the latest in radio communications, review radio structures, and understand the necessity of radio etiquette in order to make a scene run smoothly.

*Chief Dustin Middleton, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

Rehab for First Responders

Rehab is an integral part of operations, it is often relegated to a lesser but necessary function or not done at all especially in small or volunteer departments. The health and well-being of the responders must not be taken lightly, their vitals must be monitored, they must be given a chance to recoup and rehydrate before being allowed to return to duty. Students will learn what to monitor i.e.

body temperature, heart rate, blood pressure, respiratory rates; when and how to rehydrate, what to feed the responders and how to set up a rehab station.

*Chief Joseph DeSoto, Cubero Vol. Fire Dept.
NM EMS CE – 1 hr. Prep/Ops*

Medical Emergency Case Studies

Come review some uncommon medical cases and common cases with unusual presentations. Discuss how to recognize them, actions to take and not to take.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Medical*

Write A Better Report: Charting Basics

Documentation is approached from what is needed no matter what kind of system you use. Something that may help fill in the missing check boxes and may it never happen, but the system is down and now you have to write your own. This class will review the basics that are needed to write a better report.

*William Wilson, Superior Ambulance Service
NM EMS CE – 1 hr. Prep/Ops*

9:30am to 10:30am -----

NM Fire Department Funding Overview

A detailed buyers guide for the new chief officer. Ensure you are getting the new apparatus that your department needs to adequately and safely serve your community.

NM Fire Marshal's Office – Support Bureau

Capnography and How Medications Can Affect It

This presentation defines capnography, describes the normal capnography waveform, and discusses clinical applications for intubated patients and spontaneously breathing patients. We will identify abnormal waveforms in the context of disease processes and apply capnography to assessment of disease severity and response to treatment.

*Darrell Fixler, Kirtland AFB Fire & ES
Torrance County Fire & EMS
NM EMS CE – 1 hr. Airway*

Unpacking Abdominal Pain

Let's talk about everyone's favorite chief complaint. Who's sick, who's not sick, and what the heck is going on in the belly.

*Dr. Chris Root, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

EMS Clue (9:30am to 12pm)

This course will involve the students in a discussion and debate as to what they believe is wrong with their patient based on clues given for each scenario. The 11 scenarios will test their ability to reason and deduce what may be the diagnosis of the situation. There is no absolute wrong or right, rather offers the students the opportunity to defend their take on the clues.

*Mary Hewett, Mountainair Fire and Rescue
NM EMS CE – 2.5 hrs. Medical*



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FOR THE ONES WHO GET IT DONE

Critical thinking for EMS Providers

We are always thinking but are we always thinking critically. This class will confirm and challenge our critical thinking process.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Prep/Ops*

EMS Pictionary: A Different Way to Communicate

This interactive class will allow students to use medical terminology in the form of pictures to motivate students in a competition to visually identify various illnesses, injuries, and human anatomy. EMS Pictionary will allow students to build teamworking skills in addition to practicing non-verbal communication that will add in EMS field work for special population patients such as the hearing impaired or patients that have a language barrier (non-English speaking).

*William Wilson, Superior Ambulance Service
NM EMS CE – 1 hr. Medical*

11am to 12pm -----

Service in Flames

A Fire and EMS leadership course focusing on customer service, customer interactions and how we present ourselves as professionals in our field.

*David Gonzales, Rio Rancho Fire and Rescue
NM EMS CE – 1 hr. Prep/Ops*

Cold Emergencies

This class will focus on the assessment and management of patients with cold emergencies in the prehospital environment.

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Medical*

Making MCEP Calls Work For You

In this lecture we'll review common reasons for calling medical control as well as tips and tricks for how to make the calls efficient, productive and stress free.

*Dr. Chris Root, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Hypertensive Disorders of Pregnancy

Hypertension in pregnancy is very worrisome and can have a fatal outcome if left untreated. In this session we'll take a close look at pre-eclampsia/eclampsia, gestational hypertension, and HELLP syndrome. What things they have in common, what makes each unique, tips for helping us differentiate them, and implications for prehospital care.

*Doug Gadowski Retired UNM EMS Academy
NM EMS CE – 1 hr. Special Considerations*

Urgent Care vs. ER, Do Patients Know the Difference?

No one likes to go to the ER, well. Most people anyway. However, in some cases it is the most appropriate place to receive care depending on your symptoms. This course will discuss the differences in capabilities between

Primary Care, Specialty Care, Urgent Care and Emergency Care.

*Stephanie Habiger, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

12pm to 1pm -----

Lunch Break

1pm to 2pm -----

VEIS (Vent Enter Isolate Search) (1pm to 5pm)

This hands-on class will go over VES and VEIS to allow firefighters alternative means to access and remove victims trapped in burning buildings. In this course you will go over the methods, tools, and tactics needed to successfully perform VES/VEIS. You will perform VES/VEIS in a controlled environment to hone your skills. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Preparing for ISO

This specialized training course is designed for fire departments to effectively prepare for an ISO inspection. The ISO inspection evaluates fire protection capabilities and overall service quality to determine the department's Public Protection Classification (PPC) rating. This course will provide fire department personnel with the knowledge and tools necessary to meet ISO standards, demonstrate compliance, and achieve a favorable inspection outcome.

*Cpt. Steve Gonzales
NM Fire Marshal's Office – Support Bureau*

Advanced Lifting Techniques (1pm to 5pm)

I have a patient trapped under a vehicle, now what? This advanced extrication session will focus on lifting techniques and multi-vehicle accidents. Required PPE: NFPA approved structural firefighting gear or extrication jumpsuit / technical rescue gear, helmet, secondary eye protection, leather type gloves or extrication type gloves, hard sole shoes preferably steel toe or any NFPA approved type boot

NM Fire Academy Adjunct Instructors

Highway Safety for First Responders (1pm to 5pm)

One of the most dangerous environments for our first responders is our roadways. Come learn how to create a safe place to perform our skills. It is encouraged every responder community to become TIM trained –including law enforcement, fire and rescue, EMS, towing and recovery, transportation, and public works. This nationally recognized training program has proven to be a successful tool in teaching responders how to manage roadway incidents quickly, collaboratively, efficiently, and safely. This class is The National Traffic Management Responders Training Program and students will receive a certificate of completion at the end of the course.

*NM Fire Academy Staff
NM EMS CE: 4 hrs. Prep/Ops*

LPG Fires (1pm to 5pm)

Fighting fire in rural New Mexico means that there is a high possibility of dealing with LPG fires or emergencies. Whether it's a house tank or a propane fueled vehicle, teamwork and communication is the foundation of this intense training experience. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Sloping Highlines (1pm to 5pm)

In this session, students will assist with building and utilizing a sloping highline to evacuate patients from the top of the drill tower to a distance some sixty feet away from the bottom of the tower. physics and safety will be discussed in all aspects of this adventure. Required PPE: Leather or sturdy gloves & above-ankle boots required.

NM Fire Academy Adjunct Instructors

Asthma

An evidence-based approach to asthma care. A general overview the illness and evidence-based treatment for standardization of patient care.

*Jonathan Kidd, UNM Hospitals
NM EMS CE – 1 hr. Airway*

You're on what? So many drugs. What should we do?

This course will look at the classes of medications and discuss the actions and concerns we should have when providing care.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Prep/Ops*

Dumb Ways to Die

This lecture will cover the risks associated with piercings and body modification. Signs and Symptoms that may be present due to infection from modifications.

*Mary Hewett, Mountainair Fire and Rescue
NM EMS CE – 1 hr. Medical*

What's Buggin' You?

Infectious disease is a HUGE subject, and, in this session, we'll break down a few diseases that we may be familiar with and a few not-so-familiar ones. Disease affects us all... We come equipped with an immune system... right?! I'm covered by workman's comp... right?! Yikes! The bugs may be small, but the truth is they're winning (remember COVID?)!

*Doug Gadowski, Retired UNM EMS Academy
NM EMS CE – 1 hr. Medical*

Pediatric Sepsis: The Silent Killer

When we think about sepsis, we think it only happens to adults. This presentation will focus on sepsis in the pediatric patient. We will review some of the major causes, how we can recognize it in the early stages, and what we can do pre-hospital to help the patient once they are at definitive care.

*Stephanie Habiger, Cibola County Fire and ES
NM EMS CE – 1 hr. Pediatric*

2:30pm to 3:30pm -----

That's The Breaks (2:30pm to 5pm)

Join Pete in reviewing the signs and symptoms of sprains, dislocations and fractures. The second half of the class will provide students with the opportunity for hands on immobilization practice.

*Pete Bellows, Dona Ana County Fire Rescue
NM EMS CE – 2.5 hrs. Trauma*

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Bleeding Control

We will address and practice care for bleeding patients to include pressure dressing, wound packing, tourniquet application and tourniquet conversion.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Trauma*

Senior Safety: How Can We Help?

As trusted sources of information, first responders can play an important role in engaging and educating older adults on services available in the community before and after an incident. Join in a discussion on obtaining and utilizing valuable information regarding common causes of falls, emerging trends, and insights into the social and behavioral aspects of the community in order to better help our aging population.

*Chief Joseph DeSoto, Cubero Vol. Fire Dept.
NM EMS CE – 1 hr. Special Considerations*

It's Not Just Vital Signs: Pediatric Assessment

Pediatrics is so much more than vital signs. In this presentation, we will explore cognitive function, vocabulary, "circle of comfort" as it pertains to prehospital assessments. This session will also explore special needs and the challenges these present to the pre-hospital provider.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

Acute Respiratory Emergencies

A broad range of different respiratory emergencies can be encountered in the field. This class will review the most common pulmonary emergencies, their evaluation, and appropriate treatment to improve patient outcome.

*Kassi Laursen, Cibola County Fire and ES
NM EMS CE – 1 hr. Airway*

4pm to 5pm -----

EMS QA/QI Program Development

This course on EMS QA/QI Program Development is designed to equip EMS professionals with the knowledge and skills necessary to implement and enhance Quality Assurance (QA) and Quality Improvement (QI) processes within their organizations. Participants will explore the principles of QA, focusing on building quality into the EMS system, defining clear expectations, and using data-driven, patient-centered approaches to evaluate and improve clinical care. Through case studies and practical applications, learners will understand how to continuously assess and refine EMS practices to align with evidence-based standards, ensuring high-quality care and optimal patient outcomes.

*Deputy Chief Yvonne Feijoo, Dona Ana County Fire Rescue
NM EMS CE – 1 hr. Prep/Ops*

The Firefighters' Firefighter: Saving Our Own in the Mental Health Crisis

The Emergency Service Mental Health Crisis is an ongoing and growing issue in all branches of Emergency Services. Dispatchers, EMS, PD and FD are all part of the same family. Physical, Emotional and Mental Resilience is paramount to doing our job well, enjoying it, and surviving it. We are good at what we do. We must take care of each other. This course will review causes and effects, applicable strategies daily as well as long term, and some resources that are available to train your firehouse.

*Nathan Carr, NM Crisis Support
NM EMS CE – 1 hr. Prep/Ops*

Body Modification

Body modifications have been a part of history and have been recorded in historic records of nearly every culture through the ages. Body modifications can have an adverse effect on pre-hospital emergency care, and care must be used when working around various body modifications.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Medical*

Pediatric Stroke

When we talk about stroke patients, we envision Geriatric patients with HTN and a long list of medical problems. Kids are considered little adults, but that doesn't mean they can have a stroke. Or does it?! The goal is to identify a pediatric stroke patient and take the steps needed to make sure they have the same chance of survival that we strive for in adults.

*Stephanie Habiger, Cibola County Fire and ES
NM EMS CE – 1 hr. Pediatric*

Friday, October 25th

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8am to 9am -----

Dash Rolls and Displacement (8am to 12pm)

What if we've removed the doors and roof and the patient is still trapped by the dash? This session will focus on lifting and/or displacing the dash. Required PPE: NFPA approved structural firefighting gear or extrication jumpsuit / technical rescue gear, helmet, secondary eye protection, leather type gloves or extrication type gloves, hard sole shoes preferably steel toe or any NFPA approved type boot.

NM Fire Academy Adjunct Instructors

Transitional Fire Attack (8am to 12pm)

When the fire and heat conditions are so advanced, this tactic has proven to improve interior conditions not only for occupants but for firefighters as well. Discussion and live fire are part of the class. (A hands-on course requiring physical agility). Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

LPG Fires (8am to 12pm)

Fighting fire in rural New Mexico means that there is a high possibility of dealing with LPG fires or emergencies. Whether it's a house tank or a propane fueled vehicle, teamwork and communication is the foundation of this intense training experience. This is a repeat session from Thursday. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Stinger Operations and Liquid Transfer (8am to 12pm)

This course will cover stinger access to tank containers. Class will focus on grounding and bonding. A hands-on portion will also instruct the appropriate technique to gain access to a damaged non movable tank to transfer bulk liquids to a suitable container. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Know Your Foam (8am to 12pm)

Get to know your foams and best applications. Understanding limits of foam and how to cut down on scene time and cost. Hands on foam delivery on training grounds with live fire applications. Required PPE: Structural Firefighting PPE.

Norbe Puroll, Perimeter Solutions

Above Grade Fires (8am to 12pm)

This specialized course is designed for experienced firefighters seeking to enhance their skills and knowledge in combating fires that occur above ground level. The training focuses on advanced techniques and strategies for effectively managing and extinguishing fires in high-rise buildings, elevated structures, and other above-grade environments. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Climbing and Repelling (8am to 12pm)

Have you ever wondered how it feels to rappel from a 50-foot building? Are you a novice or experienced climber? Our top-ranked Rope Rescue Instructors will fit you with a harness, teach you how to use your choice of rappelling device, show you how to use both hardware and software to climb a static rope, change to rappel, and allow you to enjoy the thrill of rappelling and climbing. Our Top-Notch instructors will! Required PPE: Leather or sturdy gloves & above-ankle boots.

NM Fire Academy Adjunct Instructors

988 and The Resources It Provides

This is an introduction to 988 and the many resources it provides. This will educate attendees on the full 988 Continuum of Care including the call, Mobile Crisis Teams and Crisis Triage Centers, as well as how 988 eases the burden of non-emergency crisis on First Responders, Law Enforcement and Emergency Departments. In New Mexico 988 also does direct referrals to counseling and rehab/detox through the Open Beds platform.

*Jewel Kessler
NM EMS CE – 1 hr. Prep/Ops*

Pediatric IO Skills Lab

When was the last time you did an IO? Need some practice? Join Kerry in a hands-on practice session for pediatric IOs with state-of-the-art training manikins and IO devices.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

Chest Pain: What a Difference You Make

EMTs at all levels of licensure are capable of assessing an adult patient with chest pain and accurately determining the presence of cardiac disease. Join Dr. Diven in discussing the common, uncommon, and misleading symptoms and signs of chest pain and how we as providers can dramatically reduce the risk of death in cardiac and non-cardiac disease patients.

*Dr. Benjamin Diven
NM EMS CE – 1 hr. Cardiac*

Facial Trauma

Facial trauma can be the result of many different events from minor to catastrophic. This class will discuss various types of facial injuries, the potential for serious underlying injuries, effective patient assessment, and field treatment.

*Dr. Whitney Barrett, UNM EMS Consortium
NM EMS CE – 1 hr. Trauma*

OB Emergencies

We will discuss the signs and symptoms, and management of life-threatening obstetric emergencies during and after the pregnancy.

*Ann Bellows, RN, NRP
NM EMS CE – 1 hr. Special Considerations*

Heat Injuries and Envenomation

In this class we will identify prevention methods for heat related injuries, identify treatment options for heat related injuries. We will also be discussing signs of venomous snake, insect bites, and demonstrating common treatment options for snake and insect bites.

*Cory Myers, Air Methods
NM EMS CE – 1 hr. Medical*

9:30am to 10:30am -----

Neonatal Resuscitation

This course will cover the current recommendations for neonatal management, and we will discuss how to apply these recommendations in the limited resource environment of EMS.

*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Pediatric*

Chat with the Chief - EMS

Change is inevitable. In the world that we live in called EMS change is always around the corner...we only need to wait for it. The good news is that for New Mexico, it all seems positive. Join Kyle Thornton, Chief of the EMS Bureau, as he covers what to expect in renewal changes, Scope of Practice potentials, REPLICA (Interstate Compacts) and other national issues and discussions of interest.

*Chief Kyle Thornton, NM EMS Bureau
NM EMS CE – 1 hr. Prep/Ops*

Approach to Tachycardia

In this class, Dr. Barrett will review techniques for identifying the different types of tachycardia found in patients in the field, best practices for recognizing attributes and treatment for each.

*Dr. Whitney Barrett, UNM EMS Consortium
NM EMS CE – 1 hr. Cardiac*

The Firefighters' Firefighter: Saving Our Own in the Mental Health Crisis

The Emergency Service Mental Health Crisis is an ongoing and growing issue in all branches of Emergency Services. Dispatchers, EMS, PD and FD are all part of the same family. Physical, Emotional and Mental Resilience

is paramount to doing our job well, enjoying it, and surviving it. We are good at what we do. We must take care of each other. This course will review causes and effects, applicable strategies daily as well as long term, and some resources that are available to train your firehouse.

*Nathan Carr, NM Crisis Support
NM EMS CE – 1 hr. Prep/Ops*

Farm and Agriculture Injuries and Hazards (9:30am to 12pm)

Discussion of heavy equipment that one may encounter with farm injuries. Cover safety devices present on farm implements. Discuss some of the most common injuries encountered on farms. Cover hazards of chemicals, animals and environments that one may encounter on a farm scene.

*Cory Myers, Air Methods
NM EMS CE – 2.5 hrs. Trauma*

11am to 12pm -----

Chat w/ the Chief – SFMO

Join NM State Fire Marshal Randy Varela in an open discussion about new state updates, ISO, NFIRS reporting, and the future of the fire service in New Mexico.

Chief Randy Varela, NM State Fire Marshal's Office

Congenital Heart Defects in Kids

This presentation will focus on the common and not-so-common cardiac emergencies as a result of a congenital heart defect witnessed in the neonatal population. Specific signs & symptoms, assessment procedures, and treatment will also be addressed according to all levels of EMS in New Mexico.

*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Pediatric*

Xylazine: It's Here!

Join us for an in-depth examination of Xylazine overdoses, a growing concern across the U.S. Participants will gain a comprehensive understanding of Xylazine overdose, including its mechanisms, clinical management, and prevention strategies. You'll be prepared to handle overdose situations effectively, understand the broader impact on public health, and implement practices to reduce the risk of such incidents.

*Chief Kyle Thornton, NM EMS Bureau
NM EMS CE – 1 hr. Medical*

POD Planning

Point of Distribution is not just for vaccine related responses. We will cover how to coordinate with your local hospital system to better facilitate response and relationship building with your local healthcare systems.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Prep/Ops*

Safe Medication Administration

We will practice drawing and administering medications. As part of the class, we will discuss how we can be safe during the process.

*Ann Bellows, NM EMT Association
NM EMS CE – 1 hr. Prep/Ops*

12pm to 1pm -----

Lunch Break



1pm to 2pm -----

Search and Rescue (1pm to 5pm)

Hands-on course focused on conducting search and rescue operations as primary search team. Class will also go over how to handle finding victims if you are assigned other fire ground duties and come across a victim. Search techniques, search patterns, as well as other tips to conduct a thorough methodical search for victims. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Advanced Passenger Vehicle Lifting Techniques (1pm to 5pm)

This advanced training course is designed to enhance skills in lifting and stabilizing passenger vehicles in complex rescue scenarios. Participants will learn sophisticated techniques for safely and effectively lifting vehicles to access and extricate trapped individuals while minimizing risk and ensuring operational efficiency. Required PPE: NFPA approved structural firefighting gear or extrication jumpsuit / technical rescue gear, helmet, secondary eye protection, leather type gloves or

extrication type gloves, hard sole shoes preferably steel toe or any NFPA approved type boot

NM Fire Academy Adjunct Instructors

Below Grade Fires (1pm to 5pm)

This specialized course provides advanced training for firefighters dealing with the unique challenges of below-grade fires, such as those in basements, tunnels, and underground facilities. Emphasizing both theoretical knowledge and hands-on practice, this course equips participants with the skills and strategies needed to effectively manage and extinguish fires in subterranean environments. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

High Directionals (1pm to 5pm)

Have you ever tried to raise a heavy load up and over an edge? Whether you have the state of the art “Arizona Vortex” or simply two 4 x 4’s from the lumber yard, you will appreciate this class where you will learn how to create High Directional Devices to help you get that load past the deadly “Edge Forces”. Required PPE: Leather or sturdy gloves & above-ankle boots required.

NM Fire Academy Adjunct Instructors

Preserving the Fire Scene (1pm to 3:30pm)

This course is designed for fire service professionals to develop essential skills and knowledge in preserving fire scenes. Effective scene preservation is crucial for ensuring the integrity of evidence, supporting accurate investigations, and protecting the scene's legal aspects. This course will provide participants with practical techniques and procedures for maintaining a secure and uncontaminated fire scene from the moment of arrival until the investigation is complete.

NM Fire Academy Adjunct Instructors

Initial Response for Company Officers (1pm to 5pm)

This comprehensive Initial Response Training is designed specifically for company fire officers to enhance their skills and knowledge in managing and responding to emergency situations effectively. The course will cover critical aspects of emergency response, including tactical operations, communication strategies, and safety protocols, to ensure that fire officers are prepared to handle various incidents efficiently.

Jim Tuma, Retired Bernalillo County Fire Rescue

NM EMS for Children: Who Are We and How Can We Help?

We will discuss issues and projects affecting EMS and EMS for Children, both here in New Mexico and nationally. There will be an opportunity for open discussion and questions from the audience during the session.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

MCI Part 1

Ever get paged to multiple patients at a scene, look at your partner and say "what now?" This class will go over

what an MCI is, how to mitigate through the patient surg, how to tag patients, and track them in the end.

*Ashlee West, Sierra Vista Ambulance
NM EMS CE – 1 hr. Trauma*

Weight Loss Medical Emergencies

The use of medical guided weight loss has skyrocketed in this country. With these new and innovative therapies comes side effects that turn into medical emergencies. We’ll cover the various therapeutic options in current use, common side effects and medical emergencies, and the importance of good screening assessments to aid in your treatment plans for this patient population.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical*

NM DOT Transportation Regulations Update

In this session, Chief Ortiz will discuss the move of Ambulance Transportation to the NM DOT, along with discussion on ambulance rulings and regulations. There will be an opportunity for open discussion and questions from the audience during the session, so come prepared to ask the questions.

*Chief Alicia Ortiz, NM DOT
NM EMS CE – 1 hr. Prep/Ops*

Illicit Drug Use

This class will cover the most frequent drugs used for recreational use in addition to the effects of these drugs and the treatment for these substances.

*Cory Myers, Air Methods
NM EMS CE – 1 hr. Medical*

2:30pm to 3:30pm -----

Mental Health Emergencies

This class will discuss understanding the basics of mental health problems and the stigma that goes along with it which may make us better providers and better develop a rapport with our patients and their support system so they can get the help they need.

*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Medical*

MCI Part 2: Putting It All Together

We will take everything we learned from MCI's part 1 and apply it in a hands-on tabletop exercise. We will use only the resources we have, do Triage, treatment and transport. There will be a discussion on the challenges we learned during the exercise, tools that you can use in your own department or service and make connections with possible resources throughout our state.

*Ashlee West, Sierra Vista Ambulance
NM EMS CE – 1 hr. Trauma*

Triad Wildfire Response: EMS, Fire, and Home Health and Hospice Interface

During any disaster situation, Home Health and Hospice patients in the community are frequently overlooked but may require special assistance during the disaster. We will explore how to develop those relationships with Home Health and Hospice agencies in your community, the importance of incorporating them into your exercises, and

pre-identification strategies as part of your Command Center resources.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Prep/Ops*

NM EMS Fund Act and Medical Rescue Updates

This presentation will discuss the different EMS Fund Act requirements, various opportunities for grants through the state, and requirements for maintaining a medical rescue certificate for your agency. There will be an opportunity for open discussion and questions from the audience during the session, so come prepared to ask the questions you always have wanted to ask.

*Rachel Marquez, NM EMS Bureau
NM EMS CE – 1 hr. Prep/Ops*

The Fire That Burns Within (2:30pm to 5pm)

This course is designed for firefighters and EMS personnel in rural areas of New Mexico to develop mental health awareness, resiliency skills, and techniques to prevent suicide as they relate to the unique stressors within first responder professions. Firefighters, EMS providers and other first responders are subjected to trauma exposure throughout their careers as well as absorbing moral injury due to what they see. Culturally competent mental health resources to help them through these challenges are rare. This class will give students some tools that can be beneficial and help them cope with some of the stressors. The curriculum also helps to normalize the conversation about mental health among these brave servants.

*Paul Bearce, NM Suicide Prevention Coalition
NM EMS CE – 2.5 hrs. Prep/Ops*

4pm to 5pm -----

Pediatric Sport Injuries

Many of us find ourselves standing by at kids sports events or volunteering with our kids' sports teams. Many sports injuries don't require emergent medical care but what about those that do? This course will cover some key points in caring for kids who have both non-emergent and emergent injuries sustained in sports activities.

*Asst. Chief John Grassham, Valencia County Fire
NM EMS CE – 1 hr. Pediatric*

Stop The Bleed

STOP THE BLEED course goes over the life threats of bleeding, ways that we can stop the bleeding. You will learn how to stop bleeding with different methods and tools to include making tools with household items.

*Ashlee West, Sierra Vista Ambulance
NM EMS CE – 1 hr. Trauma*

EMS Response to House of Worship Events

Houses of Worship are a part of every community, and often have responses by EMS and Fire resources during services. We will cover the dynamics of those responses, integration of preplanning and scene coordination, and strategies to cultivate relationships with these important community locations.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Prep/Ops*

Pediatric Scenarios

Getting a good history from a very young child can be difficult. The nature of the problem isn't always as obvious as we would like it to be! In this session, we'll review several interesting pediatric scenarios and handle some not-so-common problems. A great review of pediatric specific critical thinking.

*Kerry Clear, NM EMS for Children
NM EMS CE – 1 hr. Pediatric*

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Locations:

- Albuquerque, NM
- Killeen, TX
- Midland, TX
- Stuart, FL

Saturday, October 26th

7:30am to 8:30am -----



Breakfast with the Vendors!
Starts @ 7:30am Vendor Tent

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8:30am to 9:30am -----

Preparing for ISO

This specialized training course is designed for fire departments to effectively prepare for an ISO inspection. The ISO inspection evaluates fire protection capabilities and overall service quality to determine the department's Public Protection Classification (PPC) rating. This course will provide fire department personnel with the knowledge and tools necessary to meet ISO standards, demonstrate compliance, and achieve a favorable inspection outcome.

Cpt. Steve Gonzales

NM Fire Marshal's Office – Support Bureau

Fatal Fire Investigations (8:30am to 11am)

This critical training course is designed for firefighters, fire investigators, and emergency responders involved in fatal fire investigations. It focuses on the essential practices and common pitfalls in handling scenes of fatal fires to ensure thorough, sensitive, and legally sound investigations. Participants will learn the key dos and don'ts for managing these complex and sensitive incidents, preserving evidence, and working effectively with investigative and legal teams.

NM Fire Academy Adjunct Instructors

Water Shuttle Operations (8:30am to 4:30pm)

An 8-hour course focusing on rural water supply and shuttling water. The course will focus on how to effectively haul water and keep a consistent water supply during firefighting operations. Helpful for departments that do not have a water system in their district as well as departments that use water shuttles for ISO purposes. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Firefighter Survival (8:30am to 12:30pm)

This vital training course is designed to equip firefighters with the essential skills and knowledge needed to enhance their survival in hazardous environments. The course focuses on strategies and techniques for managing high-risk situations, ensuring personal safety, and executing safe operational practices. Participants will gain hands-on experience and theoretical knowledge to improve their ability to navigate, survive, and thrive in challenging fireground conditions. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

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Open Structure Burns (8:30am to 12:30pm)

A variety of scenarios will be presented under live fire conditions. (a hands-on course requiring physical agility). Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Flammable Liquids Fires (8:30am to 12:30pm)

This is an exciting and fun class if you want to train and experience a fire as dynamic as flammable liquids. From a leaking well head fire to the giant referred to as “The Pit”, we have a variety of props that will no doubt leave you walking away feeling accomplished. This is a repeat session from Thursday. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Upside Down Access (8:30am to 12:30pm)

How do I deal with a vehicle on its side or upside down? In this session we will concentrate on stabilization and windshield or roof access to a vehicle on its side. Class time allowing we will also perform a trunk tunnel into a vehicle on its roof. Required PPE: NFPA approved structural firefighting gear or extrication jumpsuit / technical rescue gear, helmet, secondary eye protection, leather type gloves or extrication type gloves, hard sole shoes preferably steel toe or any NFPA approved type boot.

NM Fire Academy Adjunct Instructors

Confined Space Awareness & Operations (8:30am to 12:30pm)

In this session, students will be given an overview of the hazards of confined space rescue. They will be instructed on various items such as confined space entry permits, technical gear requirements, federal regulations, and monitoring equipment. After the overview we will do a mock confined space rescue in the drill tower. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Sepsis

When we think about sepsis most of us think or remember the smell of our worst sepsis patient. There are a range of patients that can technically fall in the sepsis category. Some of the points touched on in this class will be some causes, how we can recognize it in the early stages, and what we can do pre-hospital to help the patient once they are at definitive care.

*My Ha, Air Methods
NM EMS CE – 1 hr. Medical*

Creating a Psychologically Healthy Fire Department (8:30am to 11am)

This course is designed to empower fire department leadership to promote and support healthy, high-performing fire/EMS departments. Based on the framework from the Psychologically Healthy Fire Departments initiative, this course focuses on six key practices - member involvement, health and safety, member growth and development, work-life balance,

member recognition, and effective communication - to facilitate member well-being and department functioning.

*Paul Bearce, NM Suicide Prevention Coalition
NM EMS CE – 2.5 hrs. Prep/Ops*

Caring for Patients in Law Enforcement Custody

This course will outline important aspects of caring for patients in law enforcement custody and will specifically address the issue of obtaining refusals of transport in patients who are in the custody of a law enforcement agency.

*Dr. Jenna White, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Cyanide Poisoning

Dr. Kimberly Pruett introduces you to Cyanide Poisoning and treatment options. This class will introduce you to diagnosis, processes and when to administer the cyanokit in the field.

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Foodborne Illness

What may seem like a simple case of “food poisoning” may actually be a medical emergency necessitating hospitalization. We will look at the most common culprits, frequency of occurrence, and common case presentations that you may encounter, and supportive care strategies EMS caregivers can implement during these responses.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical*



A Global Medical Response Solution

10am to 11am -----

Basic to Advanced Airway

Going back to airway management; from assessment, positioning, BLS airway maneuvers to Extra/Supraglottic airways. This presentation will review the basic anatomy of the respiratory system along with basic to advanced interventions on correcting breathing complications.

*My Ha, Air Methods
NM EMS CE – 1 hr. Airway*

Dialysis-Related Emergencies and Renal Disease

This course will outline important aspects of caring for patients who require hemodialysis or who perform peritoneal dialysis. Other important conditions to recognize in patients who have a history of kidney disease will also be discussed.

*Dr. Jenna White, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Hot Topics in EMS Literature

This presentation will cover the latest evidence-based medicine and important journal articles from the last year, including cardiac arrest, airway management, addiction treatment and trauma best practices. We will also cover state scope of practice and special skills trends and reporting in New Mexico.

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Prep/Ops*

Rural STEMIs

Our state has so many wonderful areas... that aren't wonderful places to have a STEMI. This presentation will review the signs and symptoms of cardiac events and discuss the latest treatments and transport recommendations for patients that wind up with a STEMI in rural NM.

*Dr. Chelsea White, UNM EMS Consortium
NM EMS CE – 1hr. Cardiac*

11:30am to 12:30pm -----

Hands on Airway Lab

This will be a hands-on class that gives you the opportunity to meet the ventilation challenges of your patients. You will ventilate and place airway adjuncts. The class will emphasize the choices of the airways and the key factors in assessing effectiveness of airway placement.

*My Ha, Air Methods
NM EMS CE – 1 hr. Airway*

Just another Nursing Home Call

Responses to Nursing Homes, Assisted Living Facilities, and other long term care facilities can be challenging. We will review several case studies that fooled me in my career, and the importance of proper assessments in a very vulnerable population of our community.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Special Considerations*

Back Pain Mimics

Who loves going to a back pain call in the middle of the night? ... Exactly. However, while musculoskeletal back pain is a very common chief complaint, there are many deadly causes of back pain that can masquerade as a simple MSK problem. We'll discuss several of these "back pain mimics" for you to consider before you take that next refusal!

*Dr. Shelby Parker, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Alcohol Abuse & Withdrawal

In this class, Dr. Pruett will review the physiology and effects of alcohol abuse on the body, the impacts on patients that are addicted to alcohol, and the impacts on our treatment in the field.

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

Approach to the Subtly Crashing Patient

Patients who are critically ill upon EMS arrival may only have minutes until cardiopulmonary collapse and death. Recognizing these "crashing" patients that are peri-arrest and providing immediate lifesaving intervention is crucial to preventing EMS witnessed cardiac arrests... but sometimes, it's not that obvious! With careful attention to subtle signs that can be easily overlooked, these cases can be mitigated through prompt intervention and stabilization by ALS and BLS crews.

*Dr. Chelsea White, UNM EMS Consortium
NM EMS CE – 1 hr. Medical*

12:30pm to 2:15pm -----



Hotdog Cookout

Saturday

12:30 – 1:30pm

@ Fire Station Bay

*Sponsored by the
NM Fire and EMS Expo Committee*

2:15pm to 3:15pm -----

Incident Communications (2:15pm to 4:30pm)

This course will be an overview of ESF-2 at an incident site and a review of the processes and equipment that could be required at some point in time for a type 4 or higher event. Course will include procedure for requesting ESF-2 support, and options to be made available to incident commanders and operation chiefs. The use of the COMU physical and personal resources and COML process. Be sure to bring your agency portable radio (if allowed) to this class. A practical exercise will be included in the course.

*Joe Kenmore, Lincoln County OES
Michael Scales, Lincoln County OES
NM EMS CE – 2.5 hrs. Prep/Ops*

Lessons Learned - 2024 Ruidoso Fire and Floods (2:15pm to 4:30pm)

This in-depth course is designed to analyze and reflect on the 2024 Ruidoso fire and flood events. Participants will explore key lessons learned from these significant incidents, focusing on response strategies, operational challenges, and best practices. The course aims to improve future emergency management and response through a detailed review of what worked, what didn't, and how to apply these insights to enhance preparedness and resilience.

Eric Queller, Ruidoso OEM

Forcible Entry (2:15pm to 4:30pm)

This specialized training course is designed to equip students with basic and advanced skills in forcible entry through both residential and commercial doors. Participants will learn effective techniques and methods tailored to different types of door constructions and locking mechanisms, enhancing their ability to respond swiftly and safely in emergency situations. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Open Structure Burns (2:15pm to 4:30pm)

A variety of scenarios will be presented under live fire conditions. (a hands-on course requiring physical agility). This is a repeat session from the morning session. Required PPE: Structural Firefighting PPE.

NM Fire Academy Adjunct Instructors

Landing Zone Safety (2:15pm to 4:30pm)

The critical phase of helicopter flight is landing and departing the scene. Trained ground personnel are a vital part of helicopter operations. Selection of a flat surface, firm ground, free of obstacles, frequency and focus provide the necessary conditions for a safe landing and departure. Safety near the helicopter is paramount.

*My Ha, Air Methods
NM EMS CE – 2.5 hrs. Prep/Ops*

Adjusting Your Reality

A career in the helping professions can have adverse effects on one's reality and perception of the world. Whether you are a first responder, mental or medical provider, or in the military, your experiences can create challenges to your mental health. We will delve into these adverse effects and how to adjust your reality for a healthier and happier career or after your retirement. These adjustments will include how to find your new normal and learning to practice better self-care.

*Paul Bearce, NM Suicide Prevention Coalition
NM EMS CE – 1 hr. Prep/Ops*

LGBTQIA+ Patient Considerations

The Lesbian, Gay, Bisexual, Transgender, Queer, Intersex and Asexual (LGBTQIA+) patient population has become increasingly visible throughout mainstream media in recent years. For EMS professionals, this highlights the importance of developing an understanding of etiquette and special considerations while caring for these patients to provide culturally competent care and advocacy for a vulnerable population. We will discuss important terminology, common medical complaints, and psychosocial risk factors among LGBTQIA+ patients.

*Dr. Shelby Parker, UNM EMS Consortium
NM EMS CE – 1 hr. Special Considerations*

Medical MCI Management

While most MCIs are trauma related, medical based MCIs can and do occur. We will review common patient surge producing medical conditions, similarities and differences from Trauma MCIs, and logistical considerations that should be part of your response planning.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical*

Inhale, Exhale: Mastering the Complexities of Pulmonary Physiology and Pathology

Ever wonder what those respiratory diseases look like from the inside? Join for a deeper dive into the physiology of the lungs and the pathologies that EMS routinely encounters in the field. Included will be an understanding

of how medications and interventions that we perform actually work on the processes we're trying to correct.

*Andrew Peace, Burrell College of Osteopathic Medicine
NM EMS CE – 1 hr. Airway*

3:30pm to 4:30pm -----

NM EMT Association Annual Meeting and Training

All members are encouraged to attend and voice their suggestions and opinions for EMS providers in New Mexico.

*Deputy Chief Tomi DeSoto, Cibola County Fire and ES
NM EMS CE – 1 hr. Prep/Ops*

Pediatric Respiratory Emergencies

This presentation will review the pathology of pediatric respiratory chronic and acute illnesses along with the appropriate pre-hospital management in order to improve patient outcomes.

*Dr. Kim Pruett, UNM EMS Consortium
NM EMS CE – 1 hr. Pediatric*

Bad Bugs: Infectious Disease Overview

Highly infectious disease encounters continue to be an evolving issue for EMS providers. We will cover the most commonly encountered, proper PPE recommendations, the value of pre-dispatch screening, hospital pre-alerts, and coordinating with Infection Prevention specialists to strengthen the tools you have. A special section on emerging threats on the horizon to begin preparing for the possibility of encountering them in your populations.

*John Smithson, Presbyterian Hospital
NM EMS CE – 1 hr. Medical*

Spotting the Zebra Stripes: Identifying and Handling Unusual Trauma

An interactive review of complex and unusual trauma cases based on real calls, the underlying pathology of the hallmark significant injury in each, and management plans. Attendees will be asked to participate, using their own experience to work through each case as a group, while discussing appropriate priorities and therapies to preserve life and limb.

*Andrew Peace, Burrell College of Osteopathic Medicine
NM EMS CE 1 hr. - Trauma*

6pm to 9pm -----



Sunday, October 27th

7:30am to 8am -----

Registration and Check-In

NM Fire Academy Admin Building

8am to 9am -----



Memorial Ceremony
Sunday, October 27th, 2024
starting at 8am
New Mexico Firefighters Training Academy
600 Aspen, Socorro, NM 87801

9:30am to 10:30am -----

Drone Program Development for the First Responder

Evaluating Use-Cases for your Business Needs is a critical step in harnessing the full potential of drone technology within an organization. This process involves a collaborative discussion among administrative staff and operations personnel to identify specific scenarios where drone assets can enhance operations, streamline processes, and achieve strategic objectives.

Janessa Ruiz, Bernalillo County Fire Rescue

Albuterol Overdose

This course will review the basic anatomy and physiology of the respiratory system, the pharmacokinetics of Albuterol, and potential for patient overdose including the pathology, signs/symptoms, and treatment. A case study will be presented to the class for students to use critical thinking in how to address the issue of an Albuterol overdose.

*Deputy Chief Tomi DeSoto, Cibola County Fire and ES
NM EMS CE – 1 hr. Medical*

Cardiac Emergency Care

This session will focus on reviewing the critical aspects of cardiac care, emphasizing rapid assessment, intervention, and management strategies to improve patient outcomes in high-stress situations.

*Karen Burns Clovis Community College
NM EMS CE – 1 hr. Cardiac*

Rodeo Injuries

Rodeo is an increasingly popular but dangerous sport, with injury rates higher than any other sport. This class will discuss the common events that occur in most rodeo competitions, highlight the injuries most often documented in rodeo injury reporting, and suggested guidelines for preparation of medical coverage of a typical rodeo event.

*Dr. Mateo Garcia, UNM EMS Consortium
NM EMS CE – 1 hr. Trauma*

Pediatric Tape Overview

In a pediatric emergency, time is crucial. This class will review the applicability of the pediatric tape and how it can detract from valuable time needed to evaluate, initiate, and monitor patient treatment.

*Jay James, Clovis Community College
NM EMS CE – 1 hr. Pediatric*

11am to 12pm -----

From Cradle to Cane: A Comparative look at Pediatric, Adult, and Geriatric Management of Diabetes

This presentation explores the management of diabetic emergencies across pediatric, adult, and geriatric populations. It will examine the unique challenges faced in each age group, outlining the most effective treatment strategies in both pre-hospital and hospital settings. Additionally, it will explore the common causes of diabetic emergencies specific to each demographic, providing a comprehensive approach to age-specific care.

*Alexis Fastle, Burrell College of Osteopathic Medicine
NM EMS CE – 1 hr. Medical*

The Aging Generation

This presentation emphasizes the physiological and psychological changes associated with aging. We will use a case study approach to address care and assessment of these patient types and is centered around atypical presentations of illnesses and injuries. Providers can expect to gain a fundamental understanding of how the aging processes affect patients who have chronic and acute illnesses.

*Karen Burns, Clovis Community College
NM EMS CE – 1 hr. Special Considerations*

Capno Basics

So much information is hidden in waveform capnography if you know where to look. This class will assist responders in understanding the difference between colorimetric and waveform capnography and knowing when to question its accuracy in the field.

*Dr. Mateo Garcia, UNM EMS Consortium
NM EMS CE – 1 hr. Airway*

Basic Rhythms and How to Treat Them

This class will introduce you to the basics of EKGs, become familiar with common non-life threatening and life-threatening rhythms and how to identify them. The course will review how to obtain EKG readings, the basic electrophysiology, identify the rhythms, and best practices in treating them.

*Jay James, Texico Vol. Fire Department
NM EMS CE – 1 hr. Cardiac*

12pm -----

**Expo Conclusion
Thank you!**



The Socorro City Fire Department has been hosting a barbeque every year during Fire School for the past 30 years!

Please plan to join us this year as Fire Chief Lawrence Baca and the entire Socorro Fire Department continue a long, delicious tradition!

This barbeque made possible through the generous support of Mayor Ravi Bhasker and the Socorro City Council as well as the Socorro lodgers tax committee.





"Networking With The Stars"

**Awards Dinner
Saturday, October 26th, 2024
6pm – 9pm
Socorro Convention Center**

2024 NM Fire and EMS Expo Awards Dinner

Nominations are closed; thank you to all of the individuals that took the time to submit a nomination. The NM Fire and EMS Expo Awards program provides an opportunity to recognize those individuals who have gone above and beyond to better their communities and departments.

The New Mexico State EMS Awards will also be awarded during the dinner to Honor Excellence in New Mexico Emergency Medical Services.

Please join us on Saturday, October 26th, 2024, at the Socorro Convention Center, as we honor these extraordinary individuals!



Note: Admission is only allowed for registered Expo attendees and award recipients.



Memorial Ceremony



Sunday, October 27th, 2024
starting at 8am

New Mexico Firefighters Training Academy
600 Aspen, Socorro, NM 87801

Remember All Who Have Fallen



Join us at the Drill Tower as we honor the memories of all our fallen brothers and sisters in the New Mexico Fire and EMS Service.



**Dress for the day:
Please wear your *Class "A" Uniform* or your *Department's Best*.**

Where should you stay?

Tell them you are with the NM Fire and EMS Expo!



Best Western Hotel & Suites
1100 N California St.
Socorro NM



Holiday Inn Express
1040 N California St.
Socorro NM



Comfort Inn and Suites
1259 Frontage Rd.
Socorro NM



Econolodge Inn & Suites
713 N California St.
Socorro NM

The hotels above have room blocks for attendees of NM Fire and EMS Expo. Note other hotels are available in Socorro. Booking your hotel room early before a conference is a smart move for ensuring you secure the best accommodation at a competitive rate. Early booking gives you access to a wider selection of rooms and locations, often with better prices and more favorable terms. It also provides peace of mind, making your conference experience smoother and more enjoyable.

Get your room early!



The right patient. The right transportation. The right time.



NEW MEXICO FIREFIGHTERS TRAINING ACADEMY
NM FIRE AND EMS EXPO
OCTOBER 23rd, 2024, through OCTOBER 27th, 2024

STANDARD OPERATING GUIDELINES
FOR
LIVE FIRE EVALUATIONS AND OPERATIONAL VENUES

1.0 Introduction

This guideline applies to the training of firefighters under live fire conditions and non-fire conditions. These requirements are intended for instructors, students, and visitors/observers in the operational venues. The purpose of this guideline is to maintain a minimum exposure to risk for all participants during training. Visitors/Observers **MUST** be accompanied by Academy Staff.

2.0 Operational Venues

These venues consist of:

- Division A – Burn buildings A & B, Smoke building, Arson building, and Vehicle Extrication.
- Division B – Flammable liquids pad, LPG pad, High-rise building, and Hose pad.

3.0 Referred Standards

- OSHA 29 CFR 1910.134 – Respiratory Protection
- NFPA 1001 – Standard for Firefighter Professional Qualifications
- NFPA 1403 – Standard for Live Fire Training Evolutions
- NFPA 1500 – Standard on Fire Department Occupational Safety and Health
- NFOA 1971 – Standard on Protective Ensemble for Structural Firefighting
- NFPA 1981 – Standard on Open-Circuit Self Contained Breathing Apparatus

4.0 Personal Protective Clothing in Venues

All personnel who proceed into a live fire, vehicle extrication, high-rise or hose pad venue shall be in a minimum of helmet, gloves, and eye protection. Each venue will be marked indicating where PPE is required (roadside curb into the venue). The **ONLY** exception to this is when instructors performing initial setup of the venue. Once an operation begins, appropriate PPE must be worn. Rope Rescue operations at the high-rise building require helmet, gloves, and eye protection within a 15-foot perimeter of the structure.

5.0 Safety Officers

An Incident Safety Officer will be assigned to each division. The ISO shall have the authority to intervene and control any aspect of the evolution, when in his/her judgement a potential or actual danger, accident or unsafe condition exists. The ISO will work, and be in contact with, the lead instructor for each venue. The Lead instructor may assign an assistant safety officer for their venue. That person will advise the ISO of any issues.

FREQUENTLY ASKED QUESTIONS

WHERE IS THE NEW MEXICO FIRE AND EMS EXPO BEING HELD?

Expo will be held at the NM Firefighters Training Academy, 600 Aspen Rd., Socorro, NM 87801 and the Socorro Convention Center, 1220 US-60, Socorro, NM 87801.

WHAT'S INCLUDED WITH MY EXPO REGISTRATION?

Expo is an exceptional value — your registration fee includes all sessions, breakfast burritos for Saturday breakfast, hotdog cookout for Saturday lunch, Saturday evening Award Dinner, daily coffee and snacks, and this year's official swag.

CAN I BRING A COMPANION OR MY FAMILY?

Due to the graphic nature of some of the sessions and for students to have a successful experience, only registered participants are able to attend the Expo.

CAN I BRING A PET?

In order for attendees to gain the most education out of the sessions and to avoid adverse allergic reactions, please do not bring your pets.

WHO SHOULD ATTEND EXPO?

Fire and EMS First responders, chief officers, fire inspectors, and fire investigators from New Mexico will benefit from attending Expo.

ARE THERE REGISTRATION DISCOUNTS?

No, Expo is a flat rate of \$200.00 this year. Accepted payments include major credit cards or purchase orders.

HOW EARLY DO I NEED TO RESERVE MY ROOM?

Due to other training events in Socorro occurring at the same time as Expo, we suggest attendees make hotel reservations as soon as possible. Blocks of rooms are available at Best Western, Holiday Inn Express, Comfort Inn, and Econolodge.

WHEN SHOULD I PLAN TO ARRIVE?

Registration will be open Wednesday 10/23 from 10am to 1pm and 7:30am to 8am for the remainder of the days of Expo.

CAN I ATTEND FOR A SINGLE DAY?

Yes, you can register for as many days as you would like for Expo.



WHAT SHOULD I WEAR?

While attending classes at the New Mexico Firefighters Training Academy, it is the student's responsibility to use good judgment in selecting the proper attire in order to project a professional image. The student should consider climate variations and various classroom activities when selecting his or her attire. Recommended classroom attire includes department uniform, jeans, polo, or t-shirt. Due to the nature of the firefighters academy campus, please refrain from wearing open toe shoes, shorts, tanks tops, or revealing clothing. All live evolution classes required NFPA complaint Structural Firefighting PPE unless otherwise specified in the class description. This is for the safety of all attending the Expo.

DOES EXPO OFFER EMS CEUs?

Yes, Expo will offer NM EMS Bureau approved EMS CEUs for EMS related classes held during the event.

HOW WILL I GET MY EMS CEUs?

Completion Certificates for all classes attended will be available for download after the conclusion of Expo that will include the CEU State number, class name, hours, and category. Instructions on how to upload your certificate to the NM EMS Licensing Portal will be included.

CAN I CHANGE MY SESSION?

Yes, sessions may be changed as long as space is available. If you choose to change your sessions, it is preferred to do so the day before the session is scheduled through the Expo registration site.

CAN I CANCEL AND GET A REFUND?

All cancelations will be subject to an administrative fee. Registration may be cancelled at any time. A written refund request must be sent to expo.nmemta@gmail.com and received by Expo before October 21st, 2024. Refunds will be issued as a check regardless of the original payment method. Cancelling registration before midnight (MDT) on October 21st will guarantee a full refund **less a \$10 administrative fee**. In the event of a "no-show" cancellation, no refund will be issued.

PLEASE NOTE: No refunds will be given after October 21st, 2024.

The New Mexico Fire and EMS Expo will not be responsible for any losses incurred by the registrants, including but not limited to traveling expenses or hotel deposits. ALL refunds will be processed after the Expo has concluded.



Tons of Classes • Networking Social • Awards • Vendor Show • City BBQ • Memorial Event • Live Fire • Hands on Skills



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Register at: <https://cvent.me/G9kn3w>



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IN-NETWORK

We have in-network agreements with major national and state of New Mexico insurance providers.

If you have insurance, you are only responsible for your copay, coinsurance, and/or deductible.



PATIENT ADVOCACY

Our Patient Advocacy program works with all patients, regardless of insurance (even those without insurance), to make sure that out-of-pocket costs are affordable for them.



For the most current in-network agreements, scan this code.

Air medical transportation is a covered benefit for both Medicare (Part B) and Medicaid patients.



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