

# FIRE ENGINEERING™

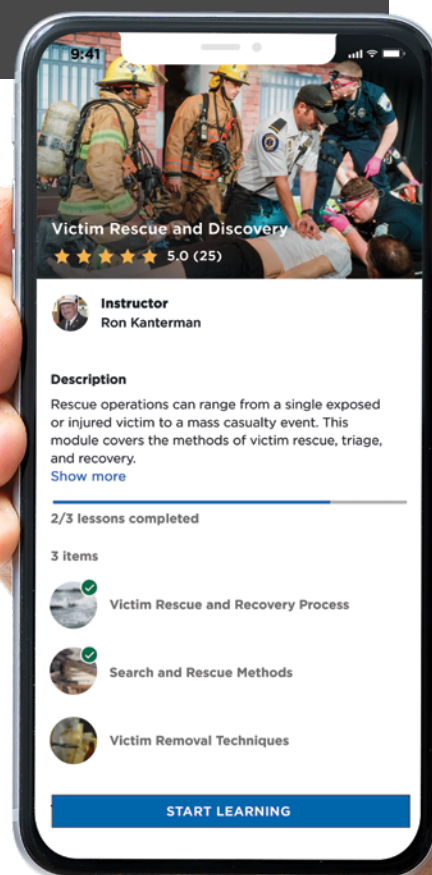
• TRAINING •

## INDUSTRY-LEADING FIRE & EMS TRAINING

### COURSE CATALOG

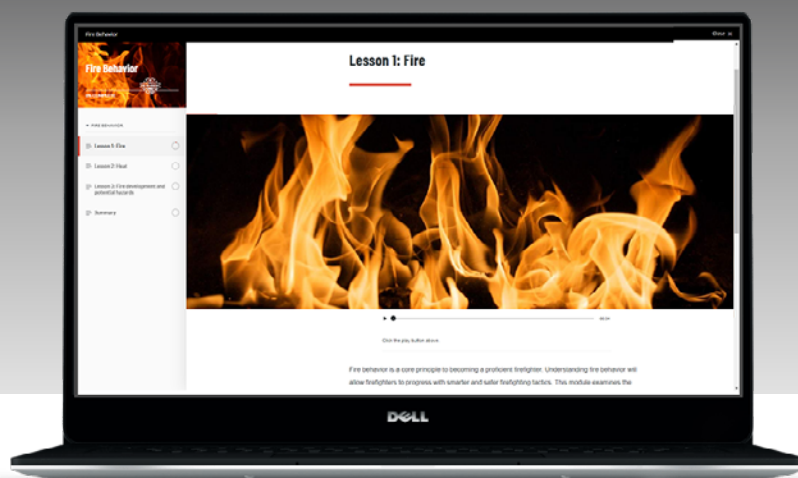
Empower your department with NFPA-based fire courses and CAPCE-accredited EMS courses, all developed by the industry leaders you trust.

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# FIRE ENGINEERING™ • TRAINING •



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## FIRE ENGINEERING TRAINING WEBINARS – 60 HOURS

This catalog of webinars from FDIC conferences with industry experts will provide you with knowledge from officer training to tactical skills.

- 105 Tips in 105 Minutes
- 21st Century Command
- 25 to Survive
- A Brief History of Boston's Ladders
- Aerial Apparatus 101
- Combat Ready Firefighting: Fighting Complacency
- Construction Concerns: Modern Materials
- Dealing with Difficult People and Their Organizational Impact
- Developing the Seven Steps to Mastery on the Fireground
- Drills You Won't Find in the Books
- Effective Rescue Through Aggressive Tactics
- Effective Roof Operations: Lessons Learned from East to West
- EMS Drills for the Engine Company
- Extrication Zone: Principles of Extrication
- Fire Ventilation and Flow Path Control
- Firefighter Training Programs: A New Approach
- Fireground Strategies: Command, Control, and Accountability
- Fireground Strategies: When Buildings Change the Rules of the Game
- Flashover: Live and Death Decisions on the Fireground
- Foam: There Is a Better Way to Do the Job
- Follow the Water
- Gaining Relative Superiority: The 2 1/2-Inch Attack Line
- Gaining the Tactical Advantage
- Hoseline Operations For Fires in Multiple Family Dwellings
- Ladders: Operational Strategies with Portables, Aerials, and Towers
- Leadership Through Training
- Main Street Fires: Is Your Department Ready?
- Overcoming Common Engine Company Mistakes
- Pump Panel Pointers
- Quick Drills for the Driver Operator
- Rural Water Movement Operations
- SCBA Bootcamp: A Firefighter's Survival School
- Size-Up and Command for the Small Department
- Size-Up for Safety and Effectiveness
- Standpipe Operations
- Standpipe Operations: Operational Considerations
- The Art of Reading Smoke
- The Art of the Go/No-Go
- The Combat-Ready Engine Company
- The Courageous Fire Officer
- The Exponential Engine
- The Extinguishment Culture
- The First Five Minutes
- Toothpick Towers
- Top 10 Tactical Considerations from Firefighter Research
- Tower Ladder Tactics and Tips
- Training Future Company Officers
- Truck Company Operations Without the Truck
- Ventilation-Entry-Isolation-Search for Truck Companies

## EVOC – 8 HOURS

Emergency vehicle operator courses (EVOC) provide a critical understanding for driver/operators and for all occupants of an apparatus. Understanding vehicle dynamics, laws and liabilities, driving dynamics, fleet maintenance, and crash and injury prevention and more will help you and your crew operate at the safest levels. Understanding the theory, practical application, and driving physics will help you arrive on scene safe and navigate any type of terrain you may come across. This course series covers NFPA standards 1002, 1500, 1541, 1901, 1911, 1912.

- Crash and Injury Prevention and Unsafe Driving Conditions
- Driving Dynamics
- Driving Tactics
- Fleet Maintenance
- Laws and Liabilities
- Personnel Qualifications and Training
- Specialized Vehicle Operations
- The Standard for Automotive Fire Apparatus (1901)

## HAZMAT – 13 HOURS

In the face of public safety, firefighters, with some regularity, will encounter hazardous materials and hazards when responding to calls. To protect all involved, firefighters must understand the operations of hazardous materials incidents and be prepared to respond appropriately to minimize hazards. This hazmat series is based on NFPA standard 472 and OSHA standards. The hazmat series will cover properties of chemicals; detection, monitoring, and sampling; victim rescue and recovery; incidents involving terrorism, WMD, and illicit laboratories; gross, emergency, mass, and technical decontamination; personal protective equipment, and much more.

- Awareness Response to Hazardous Materials
- Chemicals, Their Properties, and Potential Hazards
- Detection, Monitoring, and Sampling
- Fixed Facilities and Fire Protection
- Foundation to Hazardous Materials
- Gross, Emergency, Mass, and Technical Decontamination
- Hazardous Material Operations
- Incidents Involving Terrorism, Weapons of Mass Destruction, and Illicit Laboratories
- Personal Protective Equipment
- Victim Rescue and Recovery

# FIRE

## FIREFIGHTER 1 & 2 - 33 HOURS

This catalog of Firefighter 1 & 2 courses is developed with industry experts from FDIC. These online courses can be used as continuing education, to train incumbent firefighters who seek additional training to accompany our books or academy training or even high-risk topics that volunteer departments may not experience on a day-to-day basis. This continuing education material for Firefighter 1 and 2 levels meets and exceeds NFPA standard 1001.

- Advanced Communications
- Advanced Fire Attack - Class B Fires
- Advanced Fire Attack - Commercial Occupancies
- Advanced Fire Attack - Residential Occupancies
- Basic Fire Attack
- Building Construction
- Emergency Medical Response
- Fire Behavior
- Fire Extinguishers
- Fire Prevention and Fire-Safety Information
- Fire Protection Systems
- Fire Service Communications
- Fire Streams
- Firefighter Safety and Survival
- Firefighting Tools
- Forcible Entry
- Incident Command Systems
- Ladders
- Origin and Cause Investigation
- Personal Protective Equipment
- Pre-Incident Planning
- Ropes and Knots
- Salvage and Overhaul
- Search and Rescue
- Self-Contained Breathing Apparatus
- Support of Technical Rescue Teams
- The Mission, History, and Traditions of Fire Service
- The Modern Fire Service
- Vehicle Extrication
- Vehicle Fires
- Ventilation Strategies: Roofs
- Ventilation Strategies: Varied Structure Types
- Water Supply and Hose

## FIRE INSTRUCTOR - 7 HOURS

As an instructor, novice or veteran, continuously learning and adapting teaching techniques is important to be able to effectively reach an audience and ensure understanding. Being armed with the knowledge of how to adapt lesson plans to fit the needs of students, create effective lectures and learning environments in the classroom and on the training ground will benefit an Instructor I.

- Assessments and Evaluations
- Creating Effective Lectures
- Customizing Lesson Plans for Individual Development
- Elements of a Lesson Plan
- Effective Learning Environments
- Principles of Learning
- The Role of Online Learning

## FIRE TRAINING COLLECTIONS - 10 HOURS

- Developing Leadership Skills
- Electric Vehicle Extrication
- Man vs Machine TC
- Mentoring in the Fire Service
- Preparing for Leadership

## ARFF - 5 HOURS

Aircraft rescue and firefighting (ARFF) incidents can happen in any part of the country, without warning. Is your department ready? The courses in this catalog will help inform and prepare your response to aircraft-involved incidents.

- ARFF: Aircraft Rescue and Firefighting
- Introduction to Aircraft Rescue and Firefighting (ARFF)
- Municipal Response to ARFF Incidents

## WILDLAND - 8.5 HOURS

Wildland firefighting is an involved process, with many nuances to consider. These high-risk, low frequency events pose significant dangers to the community and to firefighters. The courses in this catalog will help you and your agency prepare a safe response to wildland fire incidents.

- S-190: Alignment
- S-190: Atmospheric Stability, Wind, Clouds, and Critical Fire Weather
- S-190: Basic Concepts and Fuels
- S-130: Briefings and Demands of the Position
- S-130: Personal Equipment, Resources, and Organization
- S-130: Risk Management and Case Study
- S-130: Suppression, Tools, and Equipment
- S-190: Temperature, Moisture Relationships, and Topography

## TRAINING MINUTES – 26 HOURS

These short video courses are perfect for refreshing skills ranging from simple to complex tasks for all firefighters. Each season is filmed at FDIC and provides demonstrations of various techniques you will use on the job. Each highlighted skill is curated by industry experts explaining best practices using real-world examples. These videos can be used as refresher training before practice drills. These microlearning courses range from 2-15 min. in length.

- 3 Ways to Deploy the Minuteman
- Access Panels on HVAC RTUs
- Access to Gated Communities
- Accessing the Basement in a Multiple Unit Commercial Building
- Advanced Firefighter Drags and Carries
- Advanced Stabilization Efforts for EVs
- Advanced Stair Drags and Carries
- Advancing Larger Hoselines with Webbing
- Aerial Ladder for Victim Rescue
- Air Entrainment and Hose Streams
- Airway Management Within the Rescue Task Force Concept
- Alternate Pathway to Access Patient
- Alternative Setup for Tripod in Confined Space Rescue
- Anatomy of the Rope Gripper
- Application and Use of CPAP
- Bail Out: Using a Tool as an Anchor Point
- Bailout Training Prop
- Basement Access of Commercial Building
- Basement Access Through Sidewalk Doors
- Basic and Advanced Vehicle Extrication
- Bleeding Control During Patient Assessment in Rescue Task Force Operations
- Bleeding Control Options
- Blind Forcible Entry
- BMW EV
- Bodily Positioning When Making Horizontal Cuts
- Broken Sprinkler Head
- Broken Standpipe System
- Building Standpipe System
- Bundling the Working Length
- Car Off Parking Deck
- Chain Removal for One Firefighter
- Chauffeur Training
- Clamp for Door Control
- Commuter Rail Emergency: Access and Power
- Concrete Collapse - Locating the Victim
- Concrete Collapse - Victim Removal
- Connecting to FDCs and Sprinklers with LE Force Protection
- Considerations for Child Victims
- Controlling the Front Door
- Coordinating Ventilation With Other Fireground Operations
- Crew Bailout
- Cutting a Doggy Door
- Cutting From Tower Ladder
- Dashboard Displacements in Electric Vehicles
- Deploying the Modified Minuteman
- Dirty Breach
- Door Control and Ventilation
- Door Control and V-E-S
- Doors, Glass, and Emergency Shutdown on Electric Vehicles
- Doors with Automatic Openers
- Down and Dirty Fall Arrest
- Drag Rescue Device (DRD)
- DRM's Plan B to Prevent Movement
- Effective Search Operations
- Elevator Door Key Use
- Electric-Driven Building Fire Pump
- Electric Vehicle Door Access and Removal
- Electric Vehicle Hazards
- Electric Vehicle Pillars and Posts
- Electric Vehicle Size-Up and Thermal Runaway
- Elevator Cable Failsafe Tactics
- Elevator Rescue: Drop Key Access
- Elevator Rescue - Identifying The Floor
- Elevator Rescue - Manual Access for Center-Opening Doors
- Elevator Rescue: Polling
- Elevator Rescue: Swing Door
- Elevator Rescue - Top Elevator Hatch
- Elevator Rescue - Using Fireman Service
- Ensuring Elevator Power Shutoff
- Entering and Exiting During Water Rescues
- Extending a Hoseline
- Extending Beyond the Preconnect
- Extrication - Scene Management
- Extrication - Stabilization and Glass Removal
- Extrication - Street Smart Setup
- Extrication Tactics with Limited Resources
- Extrication Tips and Tricks
- Extrication with a Damaged Door
- Fast Water Supplies
- Fires in Knee Walls
- First-Floor V-E-S
- Floor Joist Stabilization
- Footing the Ladder
- Forcible Entry for Rescue Task Forces
- Forcible Entry: Attacking the Hinges
- Forcing the Hinge Side of an Inward Opening Door
- Forcing the Hinge Side of an Outward-Opening Door
- Four Critical Points for Standpipe Operations
- Freight Doors
- Gaining Entry Via the Top Hatch
- Ground Ladders on Concrete
- Halligan Positioning
- Handling a Chainsaw
- High Rise Ops - Door Size-Up
- High Rise Ops: The Apartment Stretch
- High-Point Anchors on Tower Ladders
- High Point Change of Direction
- High Rack Shelving Collapse
- Homemade Lock Tool
- Hoseline Extension
- HVAC Rooftop Units - Starting Our Investigation
- HVAC RTU Belts
- HVAC RTU Components
- Hydra-Ram
- Hydraulic Forcible Entry Tools and Inward-Opening Doors
- Importance of Open Water Rescue Training
- Interior Operations
- Ladder Lift
- Ladder Placement for V-E-S Operations
- Ladder Stabilization on Pavement
- Landline Rescue in Open Water
- Lifting a Vehicle
- Locating a Stalled Elevator
- Lone Firefighter Ladder Raise
- Lowering a Firefighter from a Window
- Making Entry During V-E-S
- Man Lift Rescue

## TRAINING MINUTES (CONT.)

- Man vs Machine - Impalements and Entrapments of an Industrial Machine
- Man vs Machine - Noninvasive Ring Removal
- Man vs Machine - Portable Band Saws
- Man vs Machine - Removing a Person Under a Car with a Portable Ladder
- Man vs Machine - Tactical Considerations at an Industrial Accident
- Man vs Machine - Using Webbing to Create a Harness for Stabilization
- Man vs Machine - Meat Grinder
- Man vs Machine - Ring Removal by Cutting or Cracking
- Maze Confidence
- Medical Calls Involving Aggressive Patients
- Medical Care and Transport of Handcuffed Arrestees
- Moving a Down Firefighter Up Stairs
- Moving a Patient Using a Stair Chair
- Moving Portable Ladders
- Moving the Attack Line - Obstacles
- Multi-Car Pileup in a Tunnel
- Needle Decompression of the Chest
- Nozzle Operator and Backup Firefighter Tips
- Nozzle Technique Tips
- Opening Elevator Doors - Door Restrictors
- Opening Elevator Doors - Motor Challenges
- Options for Elevator Operations
- Outward-Opening Doors on Commercial Buildings
- Overcoming Problems at the Fire Hydrant
- Overcoming Window Gates
- Overhaul and Ventilation
- Overturned Hoarder Vehicle with Entrapment
- Patient Assessment During Active Shooter Events
- Personal Watercraft for Single-Victim Rescue
- Pin Under a Railcar
- Preferred Entry Method
- Protecting Corridor Operations
- Radio Tips
- Railcar Lift Using a Bottle Jack
- Rapid Access and Extrication on EVs
- Rapid Deployment of a Hoseline by a Lone Firefighter
- Reading the Door
- Rear Door Removal and B Post Considerations
- Rehabilitated Buildings
- Removing a Patient from the Warm Zone
- Rescue Jack to Remove Pinned Victim
- Rescue Task Force Concept
- Rescue via Tower Ladder Bucket
- Roles of Firefighters in V-E-S
- Rollover Extrication with Extremity Pin
- Roof Access
- Rope Gripper Entrapment
- Safely Securing Power in the Machine Room
- Saw Check
- Saw Cutting Options
- Scaffolding Rescue
- Searching a Room During V-E-S
- Search Rope - Exiting the Structure
- Search Rope Management
- Securing a Garage Door
- Securing a Ground Ladder
- Self Application of a Tourniquet
- Separating Parked Cars
- Setting the Halligan on Outward-Opening Doors
- Shock Load Impact on Rope Rescue Systems
- Shoring a Doorway
- Single Firefighter Deploying Tools
- Single-Point Lift Using Spreader
- Single Victim-Single Rescuer Method in Open Water
- Size-Up and Door Control
- Sizing Up Ventilation
- Slide Bolt Forcible Entry
- Spinal Motion Restriction
- Spotting the Elevator from the Elevator Machine Room
- Stabilization Options for Rollover
- Stabilizing a Vehicle On Its Side
- Starting a Chainsaw
- Steep-Roof Solution
- Steering Column and Dash Relocation
- Step Chocks and Chocks
- Storefront Doors
- Stretching The Attack Line
- Tactical Response to Active Shooter
- Taking Out HUD Windows
- Tech Rescue: Fall Arrester as Belay
- Tensioning a Chain on a Chainsaw
- The Bailout Kit
- The Benefits of Hydraulic Ventilation
- The Can
- The Dangers Associated with HVAC RTUs
- The Heads-Up Engineer: At the Station
- The Importance of Bailout Training
- The Tower Ladder
- Three Firefighter Drags
- Through-the-Lock Entry: Tubular Deadbolt
- Throw Bags During Water Rescues
- Throwing Multiple Ladders
- Tips for Measuring Blood Pressure
- Tips for Using a Small Volume Nebulizer
- Tips on Stretching a Hoseline
- Tower Ladder Bucket Positioning
- Tower Ladder Placement
- Tower Ladder Water Operations
- Tower Rescue for the Lone Rescuer
- Train Rescue - Space Case
- Trunk Line to Hose Bundle
- Twin-Tension Rescue System
- UAV for Hazmat
- UAVs for Arson Investigation
- UAVs for Event Safety and Pre-planning
- UAVs for Firegrounds
- UAVs for USAR
- UAVs in the Fire Service: Getting Started
- USNG: Reading the Map
- Ventilation Control and Searching Without a Line
- VES from the Inside
- Victim Pinned Beneath Car
- Victim Pinned by Steel Collapse
- Victim Pinned on Rail Platform
- Victim Pinned Under Rail Car
- Victim Removal from Window
- Victim Removal Techniques
- Water Mapping and Movement
- Water Rescue Recon
- Water Rescue: Victim Removal
- Webbing Assisted Victim Drag
- What's in Your Pockets?
- Window and Ladder Selection for VES
- Window Extension in Balloon Frame Structures
- Withdrawing Hose During Fire Attack

## FDIC INSIGHTS – 25 HOURS

FDIC International brings talent from all over the country to teach the next generation of firefighters and leaders. Now, even if you can't be there in person, you can learn from industry experts on various topics that affect the fire service today. Each micro-learning course was filmed at the conference and gives you access to experts explaining best practices from real-world examples. Topics include Arson Investigations, Health and Wellness, Policy Considerations, Electric Vehicle Fires, Grant Writing, Volunteer Department Operations, Leadership, and much more! These microlearning courses range from 2-13 min. in length.

- 9 Factors of Initial Size-Up
- A Big Danger on the Road
- Acronym Used In Trench Rescue
- Active Threat Events vs. Terrorist Attacks
- Adapting a Lesson Plan
- Adapting for Different Cultures in a Learning Environment
- Adapting for Small Department Operations
- Adapting Research-Based Tactics for the Fireground
- Adapting Your IAP
- Addressing Bullying Culture
- Addressing Childcare Needs at VFDs
- Addressing Gender Identity in the Fire Service
- Advice for Aspiring Incident Commanders
- Advice for Aspiring Leaders in VFDs
- Advice for Bullying Victims
- Advice for Developing Policy
- Advice for EMS Supervisors
- Advice for Fire Service Leadership
- Advice for Grant Writing
- Advice for Mentoring Programs
- Advice for Nervous Instructors
- Advice for New Company Officers
- Advice for New Firefighters
- Advice for New Instructors
- Advice for Pump Operators
- Advice for Tech Rescue Instructors
- Advice on Recruitment and Retention
- Aerial Apparatus Misconceptions
- Aerial Device Failures
- Aerial Ladder Positioning for Objectives
- Airport Requirements for ARFF
- Applying Incident Command
- ARFF Response to Different Levels of Emergency
- Assessing and Helping Students
- Attitude Toward LGBTQ+ in the Fire Service
- Attributes of Reading Smoke
- Autonomous Vehicle Considerations
- Autonomous Vehicles and TTC
- Avoid Dangers of Scaffolding
- Avoiding a Mayday
- Awareness and Diagnostic Level Cameras
- Ballistic Protection
- Become a Better Instructor
- Becoming A Great Company Officer
- Becoming a Fire Investigator
- Becoming Proactive About Suicide in the Fire Service
- Benefits of An Employee Assistance Program
- Benefits of Mutual Aid in Suburban Departments
- Benefits of Peer Support
- Benefits of Training With Other Departments
- Best Practices for Pregnancy
- Biggest Challenges of Going from Buddy to Boss
- Bouncing Back from Failure
- Brave Talk
- Building and Maintaining Credibility
- Building Consistency in Fire Investigations
- Building Trust as a Leader
- Buy-In for Purchasing a New Apparatus
- Cancer Prevention in the Fire Service
- Cancer Support Resources
- Career Advice for Future Investigators
- Career Advice: What I Wish Someone Told Me
- Causes of Fast Food Fires
- Causes of Longer Stopping Distance
- Challenges of Fighting Electric Vehicle Fires
- Challenges Small Departments Face
- Changes in Fire Dynamics Information
- Changes to Fire Dynamics Training
- Changes to NFPA 1033
- Changing Modes in a Thermal Imaging Camera
- Characteristics of Good Leaders
- Chemical Hazards of Fast Food Fires
- CO2 and Medical Calls at Fast Food Restaurants
- Color Triage System
- Common Causes of Apparatus Crashes
- Common Challenges of Roadway Incidents
- Common Elevator Types
- Common Roadblocks for Quality Decision-Making
- Communication and Ventilation
- Communication During an Active Threat Response
- Community Education
- Company Level Drills
- Company Officers and Incident Commanders on the Fireground
- Complex Coordinated Attacks
- Components of Size-Up
- Conducting NFPA 1033 Compliant Investigations
- Consequences of Not Having Policy
- Creating a Peer Support System
- Creating a Positive Organizational Climate
- Creating Specialized Teams for Small Department Operations
- Creating Support Networks
- Creative Recruiting for Volunteer Fire Departments
- Crew Safety at Roadway Incidents
- Critical Curve Speed
- Critical Decision-Making Outside of Leadership Role
- Danger of Constant Hypervigilance
- Dangers of Confined Space and Trench Rescue
- Dangers of Lithium-Ion
- Dangers of Unmaintained Tires
- Decision-Making and the Fireground
- Decision-Making as a Chief and Incident Commander
- Department Pregnancy Policies
- Developing an IAP for Confined Space Rescue
- Developing Leadership
- Developing Policy for Active Threat Events
- Discrimination in Today's Fire Service
- Disagreements with a Peer
- Dispatchers Role During Active Threat Events
- Diversity and Generational Differences
- Diversity in Volunteer Fire Departments
- Documentation of Driver Training
- Driver Personnel Qualifications
- Early vs. Late-Stage EV Fires
- Effects of Population Growth on Departments
- Efficient Incident Command Strategies
- Electric Vehicle Education Resources
- Empowering Your Team to Make Decisions

## FDIC INSIGHTS (CONT.)

- Experiences with Area Command
- Explosive Gas Incident
- Exposures and Life Hazards
- Facilitating Unified Command at Active Threat Events
- Facing Challenges at Vehicle Fires
- Factors Affecting Strategic Decision-Making
- Factors Negatively Affecting Decision-Making
- Fairness in Cause Determination
- Fatigue on the Fireground
- Fighting Complacency at Gas Emergencies
- Final Factory Inspection and Delivery
- Fire Stream Location
- Fire-Resistant Apartment Building Challenges
- Firefighters as Public Figures
- Focuses for Suburban Departments
- Focuses on Suburban Departments
- Focus on Strengths
- Functioning Under Stress
- Funding a New Apparatus
- Gas Detectors
- Geographical Considerations for Electric Vehicle Fires
- Generational Factors in Recruitment and Retention
- Getting Started with Grant Writing
- Getting Support After Cancer Diagnosis
- Giving Effective Feedback
- Good Leadership
- Guiding People Experiencing Crisis
- Handling Change
- Handling Emotions on Social Media
- Handling Harassment in the Fire Service
- Handling Stress
- Handling Survivor's Guilt
- Hazardous Materials Protection at Industrial Fires
- Hazards in ARFF Operations
- Hazards of Fast Food Restaurant Fires
- Health and Safety in Energy Fires
- Health Hazards for Women in the Fire Service
- Helping a Struggling Student
- High-Risk Areas of Active Threats Events
- Hostile Fire Events and Thermal Imaging
- How Can Leadership Improve the Fire Service?
- How Company Officers Influence the Organization
- How Departments Lose Volunteers
- How Human Behavior is Affected by Fire
- How Leadership Can Help Reduce Cancer
- How to Adjust a Lesson on the Fly
- How to Be an Effective Instructor
- How to Handle Disruptive Behavior in a Classroom
- How To Help a Pregnant Firefighter
- How to Recognize Mental Illness
- How to Safely Navigate an Intersection
- Hypervigilance
- Importance of Studying Fire Dynamics
- Importance of Understanding Vehicle Dynamics
- Improving Recruitment and Retention
- Inclusivity in the Fire Service
- Incident Command and Maydays
- Incident Command at Active Threat Events
- Inclusivity Towards LGBTQ+ in the Fire Service
- Increasing Community Buy-in for Volunteer Departments
- Increasing Diversity in Recruitment
- Increasing Life Safety at House Fires
- Industrial Fire Challenges
- Industrial Firefighting with Limited Water Supply
- Industrial Fires vs. Residential Fires
- Industrial Locations and Their Dangers
- Innovative Ideas for Volunteer Departments
- Inspiring Passion into Your Crew
- Inspiring Professional Culture
- Instructing for Different Learning Styles
- Integrated Active Shooter Response
- Involving Others in Decision-Making
- Is Water the Best Tool for Electric Vehicle Fires?
- Key Aspects of Driving an Apparatus
- Leadership and Legal Mindset
- Leadership in Volunteer Departments
- Leadership's Role In Preventing Suicide in the Fire Service
- Learning From Electric Vehicle Fires
- Learning from Past Events to Prevent LODD
- Learning from Roadway Incidents
- Liabilities of Operating An Emergency Vehicle
- Lifting Heavy Vehicles
- Limiting Injuries During Training
- Inspecting and Troubleshooting Your Saws
- Instilling Passion in Students
- Justifying a New Apparatus
- Law and Pregnancy in the Fire Service
- Leadership and Accepting Criticism
- Leading Without the Title
- Legal Marijuana in the Fire Service
- Levels of Autonomous Vehicles
- Maintain Sleep Hygiene
- Making Decisions for Your Organization
- Making Difficult Calls on Scene
- Making Lessons Effective and Engaging
- Making Lessons Interesting
- Making the Apparatus Easier to Operate and Repair
- Managing an Active Threat Response
- Managing Chaos at Scenes
- Managing Critical Incident Stress
- Managing Our Mental Health
- Manufactured Home v. Mobile Home Terminology
- Maternity Leave in the Fire Service
- Mechanical Advantage Systems for Rope Rescues
- Mental Health and Substance Abuse
- Mentoring to Create a Supportive Culture
- Mentorship and Picking a Mentor
- Misconceptions and Risks of EV Fires
- Misconceptions of New Vehicle Extrication
- Mobile Home Firefighting Tactics
- Mobile Home Fires
- Myths About Mobile Homes
- National Volunteer Fire Council (NVFC) Support for VFDs
- New Vehicle Construction and Extrication
- NFPA 921 and Fire Investigation
- NFPA 1500 Traffic Incident Management
- NFPA 3000 and Creating SOP's
- No Anchor
- Non-Wage Benefits for VFDs
- On Scene Communication
- Operating a Saw and Reducing Fatigue
- Operations Centers for Autonomous Rideshare Vehicles
- Outcomes of Fire Apparatus Involved Civilian Crashes
- Overcoming Challenges of Heavy Vehicle Extrication
- Overcoming Common Difficulties in Grant Applications
- Overcoming Difficulties due to Population Growth
- Overcoming Limitations of Thermal Imaging
- Overcoming Objections in Change Management

## FDIC INSIGHTS (CONT.)

- Overcoming Policy Differences With Neighboring Departments
- Overcoming Retention Barriers for VFDs
- Overcoming Technological Challenges
- Overcoming Water Supply Issues at RV Emergencies
- Overload in the Fire Service
- Overwhelmed Incident Commanders
- Past Active Threat Event Lessons
- Patient Control in Heavy Vehicle Extrication
- Peer Support in the Fire Service
- Personal vs. Heavy Vehicle Construction
- Practicing for V-E-I-S
- Preparing for a Career in Leadership
- Preparing for Active Threat Events
- Preparing for All Types of ARFF Incidents
- Preparing for Confined Space Rescues
- Preparing for Difficult Firegrounds
- Preparing for Fire as a Weapon
- Preparing for Future Active Threat Events
- Preparing for Gas Emergencies
- Preparing for Leadership
- Preparing for Leadership in an Unsupportive Environment
- Preparing for Maydays
- Preparing for the Unexpected
- Preparing to Fight Electric Vehicle Fires
- Preplanning for an Industrial Fire
- Preplanning for ARFF Response
- Preplanning for Manufactured Home Fires
- Preplanning Vehicle Extrication
- Preventing Cancer Deaths
- Preventing LODD in Non-Emergent Scenarios
- Preventing Maydays Through Ventilation
- Primary Considerations at Mass Casualty Events
- Priorities for Leaders
- Priorities of an Incident Commander
- Professionalism in the Volunteer Fire Service
- Protecting Patients During Extrication
- Protective Factors for Facing Trauma
- Public Education for Safer Roadway Operations
- Public Reaction to Autonomous Vehicles
- Pump Operators and Crew Safety
- Purchasing a New Apparatus
- Reading a Thermal Imaging Camera
- Reasonable Accommodations for Pregnancy
- Receiving a Cancer Diagnosis
- Recreational Vehicle (RV) Emergencies
- Recruitment and Retention for Volunteer Departments
- Recruitment and Retention in Suburban Departments
- Recruitment and Retention in the Volunteer Fire Service
- Receiving Support to Give Support
- Recruitment for Diversity
- Reduce Air Entrainment with Fire Attack
- Reducing Cancer Risk in Your Department
- Reducing Firefighter Cancer
- Religious Culture and Patient Assessment
- Residential Solar Hazards
- Responding to Autonomous Vehicles
- Responding to Elevator Emergencies
- Rewarding Exceptional Performance
- Risks of Swing Stage Scaffolding
- Roadside Safety for Highway Incidents
- Safe Approach and Resources at a Large MCI
- Safe Shutdown at Industrial Facilities
- Safety Considerations for Aerial Operations
- Safety When Operating a Saw
- Searching During ARFF Operations
- See the Elephant
- Self-Care Practices
- Setting Boundaries
- Setting Expectations in the Firehouse
- Skills in Volunteer Departments
- Sleep Hygiene, Physical and Mental Health
- Small Department Active Threat Event Responses
- Small Department Operations for Big Calls
- Small Department Strategies for High-Risk/Low Frequency Events
- Smoke is Fuel
- Solar Field Hazards
- SOPs for Gas Emergencies
- Stabilization During Heavy Vehicle Extrication
- Stabilization Techniques for Heavy Vehicles
- Stabilizing Your Apparatus for Aerial Operations
- Steps to Prevent Cancer
- Stopping an Arterial Bleed
- Strategies to Increase Retention for Volunteer Departments
- Strip Mall Fires
- Successful Pregnancy in the Fire Service
- Suicide in the Fire Service
- Supporting Pregnant Firefighters
- Supporting Someone Through Cancer
- Survivability in Occupied Buildings
- Survivability Profiling and Decision Making
- Switching Between Offense and Defense
- Taking Charge of Your Personal Development
- Teaching Unfamiliar Subjects
- Technological Changes Affecting Pump Operators
- The Challenge of Developing Policy
- The Difference Between Mentorship and Leadership
- The Fine Line of Humor
- The Future of Active Threat Events
- The Importance of Accurate Documentation
- The Importance of Asking Your Class Questions
- The Importance of Building Inspections
- The Influence of Positivity on Culture
- The Need for SWAT Medics
- The Polyvagal Theory
- The Role of EV Manufacturers in Promoting Safety
- The Role of the Pump Operator
- The Three Types of Emitters
- The Three Types of Saws
- The Triangle of Success
- The Unique Challenges of Electric Vehicles
- The Value of Feedback
- The Value of Performance Evaluations
- Think Like an Incident Commander
- Tips for Confined Space and Trench Rescues
- Tips for Managing a Small Department
- Tools for Critical Decision-Making Under Stress
- Tools for Heavy Vehicle Extrication
- Top Issues Every Fire Department Needs to Cover
- Training Through Fatigue
- Training With Other Departments for a Mass Casualty Event
- Transitioning from Peer to Supervisor
- Transport Considerations at MCIs
- Trauma Care Lessons From the Battlefield
- Types of Roadway Incidents
- Understanding Cancer and the Fire Service
- Unexpected Sources of Electric Vehicle Challenges
- Unified Command at Roadway Incidents
- Unified Command in Active Threat Events
- Unique Considerations of Heavy Vehicle Extrication
- Uses of Swing Stage Scaffolding
- Uses of Thermal Imaging
- Using Saws in Wildfires and Natural Disasters
- Using V-E-I-S to Aid Decision-Making
- Utilizing City Water Supplies

## FDIC INSIGHTS (CONT.)

- Utilizing Funding for Gas Training
- Utilizing Mutual Aid at Volunteer Departments
- Utilizing Resources to Preplan for Vehicle Extrication
- Value of an Aggressive Fire Company
- Volunteer Decline in Fire Departments
- Volunteer Firefighters Battling Cancer
- Ways to Train for Heavy Vehicle Emergencies
- What is an Energy Hazard
- What Makes Research-Based Tactics Necessary
- What Makes Someone a Good Fit for SWAT Medic?
- What to Look for When Reading Smoke
- When a Mayday is Called
- When Do Aircraft Fires Occur?
- When Your Boss is a Bully
- Why Mentoring Programs Fail

## FIRE DRILLS - 6 HOURS

If you do not think you have time for training, this catalog of practical skills is for you! These microlearning courses range from 30 seconds to 3 minutes in length and provide the best of the best skills for new and experienced firefighters.

- Accordion Hose Load
- Activating SBCA Regulator
- Advancing a Charged Line Up and Down Stairs
- Advancing an Uncharged Line Up and Down Stairs
- Anchorless 2 to 1 Mechanical Advantage
- Answering a Call
- Arm Lock Maneuver
- Attacking a Fire Above Grade Level
- Attacking a Fire Below Grade Level
- Attacking a Fire on Grade Level
- Axe Maintenance
- Blanket Drag
- Bolt Cutter
- Bolt Cutter Maintenance
- Breaching a Floor
- Breaching an Exterior Wall
- Breaching Floors
- Calling a Mayday
- Chainsaw Maintenance
- Changing a Chainsaw Chain
- Changing A Circular Saw Blade
- Cleaning a Hose
- Cleaning a Rope
- Cleaning SCBA
- Climbing a Portable Ladder
- Climbing a Portable Ladder with a Halligan Tool
- Climbing a Portable Ladder with a Hook or Pike Pole
- Climbing a Portable Ladder with a Saw
- Climbing a Portable Ladder with an Uncharged Hose Line
- Climbing a Portable Ladder with Charged Hoseline
- Climbing a Portable Ladder with Tools
- Climbing and Working on Aerial Ladders
- Clothing Drag
- Clustering Furniture
- Coffin Cut
- Coiling a Rope
- Cold Starting the Engine on a Rotary Saw
- Combination Nozzle Operation
- Communication Techniques While Using SCBA
- Concurrent Operations
- Connecting a Hard Suction Hose to a Hydrant
- Connecting to a Standpipe Outlet
- Conscious Victim Rescue with a Portable Ladder
- Constructing a Catchall
- Constructing a Fire Line
- Constructing a Water Chute
- Constructing a Water Chute with Pike Poles
- Controlled Breathing Methods
- Controlling Utilities
- Coupling Hose One Firefighter Foot Tilt
- Coupling Hose Two Firefighters
- Covering Building Openings
- Crack or Leak in Facepiece
- Creating a Drop Bag
- Creating a Protected Area by Deploying Traffic Cones
- Creating a Search Bag
- Cutting Metal with a Circular Saw
- Cutting Wood with a Chainsaw
- Cutting Wood with a Circular Saw
- Daily SCBA Check
- Daisy Chain Rope Knot
- Denver Drill
- Deploying a Minuteman Load
- Deploying and Properly Using Power and Lighting
- Deploying a Portable Water Tank and Drafting Equipment
- Deploying a Preconnected Flat Load
- Deploying a Triple Layer Load
- Determining Exposure Threats
- Detroit Dive
- Dice Cutting on a Roof
- Disentanglement Maneuver
- Doffing Superheated Gear
- Doffing Superheated Gear on a Partner
- Doffing the SCBA Unit
- Donning SCBA
- Donning SCBA Over The Head
- Donning Your Gear Correctly
- Donut Roll
- Downed Firefighter Drag
- Duck Walk
- Dutchman
- Emergency Evacuation Procedures
- Emergency Use of Regulator Bypass
- Entering Through the Lock Technique
- Escape a Hazard Using a Hoseline
- Extremity Carry
- Field Hose Clamp Maneuver
- Figure Eight Knot
- Figure Eight Knot Through an Object
- Figure Eight on a Bight
- Fire Extinguisher Maintenance
- Firefighter Carry
- Fire Growth
- Flat Arm Carry
- Flat Load
- Flat Shoulder Carry
- Flowing Sprinkler Head
- Forcible Entry for Sliding Doors
- Forcible Entry of Sliding Windows
- Forcible Entry on Inward Opening Doors
- Forcing Outwardly Opening Doors Open
- Forward Lay
- Fully Involved Vehicle Fire
- Gaining Entry Through Double Hung Windows
- Half Hitch Knot

## FIRE DRILLS (CONT.)

- Halligan Tool
- Handcuff Knot
- High Point Removal Using a Ladder
- Hoist an Axe or a Halligan
- Hoisting a Charged and Uncharged Hoseline
- Hoisting a Ladder
- Hoisting a Pike Pole
- Hoisting an Exhaust Fan
- Hook-In Leg Lock
- Horizontal Ventilation While on a Ground Ladder
- Horseshoe Hose Bundles
- Horseshoe Load
- Hose Testing
- How to Open an Aluminum Stile Glass Door
- How to Refuel a Saw
- How to Start a Chainsaw
- How to Start a Saw
- How to use a Flat Head Axe
- How to Use a Reciprocating Saw
- How to Use a Sledgehammer
- How to Use a Splitting Maul
- Hurricane Resistant Windows
- Hydrant Operations
- Hydrant Shutdown
- Hydraulic Ventilation
- Hyperextended Leg Lock
- Identify Automobile Fuel Type
- Inherent Hazards Related to Material Config
- Inspecting a Rope
- Inspection Hole
- Kerf Cut
- Ladder Placement on Uneven Ground Surface
- Ladder Removal from Lifts on a Firetruck
- Ladder Removal from Rear of Firetruck
- Ladder Suitcase Carry
- Lark's Foot
- Leg Lock Maneuver
- Lifeline or Guide Rope Search
- Light Scan Search
- Locating Lighting for Best Effect
- Loop Method
- Louver Cut
- Maintaining Halligans
- Maintenance of Circular Saws
- Manual Hand Signals
- Marking a Defective Hose
- Methods to Access a Trunk Fire
- Minuteman Load
- Mounting and Dismounting an Apparatus
- Negative Pressure Ventilation
- No Air Maneuver of SCBA
- One Firefighter Coupling and Uncoupling a Storz Connection
- One Firefighter Deploying a Folded Salvage Cover
- One Firefighter Deploying a Rolled Salvage Cover
- One Knee Up
- Opening a Door Inwards
- Opening a Heavy-Duty Padlock with a Duckbill
- Opening a Heavy-Duty Padlock with a Power Saw
- Opening a Regular Padlock with a Halligan or Axe
- Opening a Residential Overhead Garage Door
- Opening an American Lock with a Pipe Wrench
- Opening an American Lock with a Power Saw
- Opening an Interior Wall
- Opening the Hood with a Saw
- Opening Window Bars
- Operating Radio Equipment
- Operation of a Fire Extinguisher
- Operation of Communications Equipment
- Overhand Knot
- Passenger Compartment Fire
- Perimeter Search
- Personnel Accountability Systems
- Pick Head Axe Use
- Pike Pole
- Portable Ladder Placement for Balcony Entry
- Portable Ladder Placement for Roof Entry
- Portable Ladder Placement for Window Entry
- Positioning and Rising a Ladder
- Positive Pressure Ventilation
- Preconnected Flat Load
- Prevent Water Hammer
- Proper Ladder Climbing Angle
- Properly Holding the Nozzle
- Proper Use of Handheld Radio
- Protecting Exposures
- Pulling Firefighters Through the Floor Using a Charged Hoseline
- Punch Technique for Ceilings
- Punch Technique for Walls
- Push Pull Tool Maintenance
- Reciprocating Saw Maintenance
- Reduced Profile Maneuver
- Refill with a Compressor
- Removal of a Firefighter Down a Set of Stairs
- Removal of a Firefighter Up a Set of Stairs
- Removing a Ladder from the Rear of the Firetruck
- Removing Water
- Replace Cylinder
- Replace Cylinder Worn On
- Replacing a Burst Hoseline
- Replacing a Coupling Gasket
- Rescuing a Firefighter Whose Respiratory Protection is Not Functioning
- Reverse Lay
- Riding the Roof
- Rolling a Ladder
- Safely Carrying a Tool
- Safety During an Incident Response
- Safety on Scene
- Salvage Cover Maintenance
- SCBA Conversion
- SCBA Refilling with a Cascade System
- Seat Carry
- Securing a Ladder to an Object
- Securing a Portable Ladder
- Selecting a Ladder
- Selecting the Appropriate Fire Extinguisher
- Self-Locking Twin Donut Roll
- Semi-Conscious Victim Rescue with a Portable Ladder
- Setting up a Portable Master Steam Device
- Shutting Off OS&Y Valve
- Single Firefighter Extension Ladder Drag
- Single Firefighter Ladder Drag
- Single Firefighter Ladder Raise
- Single Firefighter Ladder Shoulder Carry
- Single Firefighter Raising and Placing a Roof Ladder
- Single Firefighter Shoulder Carrying and Raising a Ladder
- Sizing-Up Padlocks
- Smooth Bore Operation
- Sounding a Roof for Integrity
- Standpipe Operation
- Starting a Warm Engine on a Rotary Saw
- Straight Roll
- Stream Patterns
- Striking Tool Maintenance
- Suppressing Ground Cover Fire Using Water
- Swim Method
- TeePee Cut

# FIRE

## FIRE DRILLS (CONT.)

- Three Firefighter Beam Ladder Raise
- Three Firefighter Flat Arm Ladder Carry
- Three Firefighter Shoulder Ladder Carry
- Three Firefighter Suitcase Ladder Carry
- Transfer from Aerial Ladder to a Folding Ladder
- Transfer Water from One Drop Tank to a Second Drop Tank
- Traveling with a Chainsaw
- Traveling with a Live Rotary Saw
- Trench Strip Cut
- Triangular Cut
- Triple Layer Load
- Trunk Fire
- Twin Donut Roll
- Two Firefighter Balloon Throw
- Two Firefighter Flat Arm Ladder Raise
- Two Firefighter Ladder Beam Raise
- Two Firefighter Roof Ladder Placement
- Two Firefighter Salvage Cover Fold
- Two Firefighter Salvage Cover Roll
- Two Firefighter Shoulder Carry a Ladder
- Two Firefighter Suitcase Ladder Carry
- Two Firefighters Coupling and Uncoupling a Storz Connection
- Two Firefighters Deploying a Folded Salvage Cover
- Two Firefighters Deploying a Rolled Salvage Cover
- Tying a Becket Bend Knot
- Tying a Bowline Knot
- Tying a Closed Clove Hitch
- Tying an Open Clove Hitch
- Tying Rope Between Objects
- Uncoiling a Rope
- Unconscious Victim Rescue with a Portable Ladder
- Uncoupling Hose Knee Press
- Uncoupling Hose Two Firefighter Stiff Arm
- Using a Screw Down Hose Clamp
- Using a Standard Hose Clamp
- Using a Wildland Hose Clamp
- Using SCBA Through a Restricted Passage
- Using the Universal Rescue Connection (URC)
- Venting a Window or Glass Door
- Venting a Window with a Ladder
- Venting Gable Ends
- Vision Obscured Operations
- Water Knot
- Well Hole Stretch
- Window Emergency Bailout

## OFFICER DEVELOPMENT - 14.5 HOURS

Officer continuing education training.

- Administrative Department Operations
- Community Relations and Risk Reduction
- Conducting Fire Inspections and Investigations
- Developing the Next Generation of Fire Service Leaders
- External Relationships
- Full Contact Leadership
- Health and Wellness of Personnel
- Incident Operations
- Leadership is...
- Management Responsibilities and Ethics
- Officer Professional Development
- Role in the Organization
- Supervising and Developing Personnel

## STRATEGY & TACTICS - 3 HOURS

This catalog contains a wide range of courses covering important topics related to firefighting, such as ventilation, fire attack, search and rescue, scientific research, high-rise firefighting, building construction, and the use of standpipes.

- Company Level Building Inspections
- Energy Emergencies: Lithium-Ion Batteries

## FIREFIGHTER SAFETY - 2.5 HOURS

- Extinguishing Firefighter Cancer
- NFPA 1850: Challenges, Realities, and Solutions

## FIREGROUND OPERATIONS - 2 HOURS

- Incident Command Mindset and Initial Response

## COURSES FROM OUR PARTNERS - 1.5 HOURS

These courses feature products and ideas sponsored by our valued partners. You will find important information and innovations in these courses. Please note these courses are for informational information only and are NOT approved for continuing education credits.

- Calculating the Cost of Higher Education for Fire
- Is An Online Fire Degree Your Next Step?

# COMPLIANCE

Compliance courses not only fulfill requirements for Federal and State regulations but also help keep your organization running smoothly and free from accidents. In this catalog, you will find courses such as Anti-Harassment in the Workplace, Bloodborne Pathogens, HIPAA for First Responders, Preventing Back Injuries and many more OSHA and Safety Training topics.

## COMMUNITY INTERACTIONS - 2.5 HOURS

- Autism Awareness for First Responders

## HEALTH & WELLNESS - 1 HOUR

- 5 Tips for Better Naps
- 9 Simple Stress Busters You Can Do Today
- A Proactive Approach to Suicide Prevention
- Bloodborne and Airborne Pathogens for First Responders
- How to Feel Your Feelings
- Improving Assessment and Pediatric Care
- Escape Anxiety with a 5-Minute Grounding Practice
- Essential Lower Back Stretches

## HUMAN RESOURCES - 3 HOURS

- 4 Ways to Build a Trans-Inclusive Workplace
- How to Develop a Performance Improvement Plan
- How to Request Disability Accommodations at Work
- Identifying and Stopping Ableist Language
- Invisible Disabilities in the Workplace
- Mitigating Workplace Violence
- Performance Review and Feedback Conversations
- Preventing Sexual Harassment
- Preventing Sexual Harassment (SB1343 CA)
- Tips to Gossip-Proof Your Workplace

## INFORMATION TECHNOLOGY - 1 HOUR

- Protection Against Phishing Attacks

## LEGAL - 2.5 HOURS

- HIPAA for First Responders
- HIPAA for Manager of First Responders

## MEDICAL - 2 HOURS

- Basic First Aid Response

## OSHA - 30.75 HOURS

- Basic First Aid\*
- Cold Stress, Heat Illness, and Extreme Weather
- Confined Spaces\*
- Confined Space Safety
- Defensive and Distracted Driving\*
- Drugs and Alcohol Awareness
- Drugs and Alcohol: The Facts\*
- Egress and Emergency Action Plans\*
- Electrical Hazards\*
- Electrical Hazards for First Responders
- Emergency Action Plans and Egress
- Fall Protection\*
- Hand and Power Tool Safety\*
- Hazmat Awareness (Hazcom)
- Hearing Conservation\*
- Lockout/Tagout
- Personal Protective Equipment\*
- Preventing Slips, Trips, and Falls\*
- Respiratory Protection\*
- Respiratory Protection for First Responders
- Tackling Defensive and Distracted Driving
- Toxic Chemical Handling and Exposure\*
- Trench Rescue: Excavation, Trenching, and Soil Mechanics

\* Create by UL Training Solutions

## PROFESSIONAL SKILLS - 8 HOURS

- 12 Recipes for Success in Leadership
- Becoming the Boss: A Guide for New Managers
- Building Integrity in the Workplace
- Business Writing Fundamentals
- Dealing with Difficult People and Their Organizational Impact
- Resolving Conflict in the Workplace
- Roadside Safety Issues
- Workplace Communication Basics

## AIRWAY/RESPIRATION/VENTILATION – 16.75 HOURS

This Airway, Respiration, and Ventilation catalog focuses on courses that provide foundations and advanced techniques for Paramedics and EMTs. This includes courses such as CPAP, and capnography, basic and advanced airway techniques and non-evasive airway management to name a few.

- 10 Things You Should Know About Pulse Oximetry
- Advanced Airway Management
- Advanced Airway Management in Cardiac Arrest
- Asthma and Shortness of Breath (ALS)
- Asthma and Shortness of Breath (BLS)
- Avoiding the Dangers of Overventilation
- Confirming Tube Placement
- CPAP and Capnography: A Dynamic Duo
- Cricothyrotomy: Surgical Airway Realities
- Invasive and NPPV in the Prehospital Setting
- Manual or Mechanical Ventilation
- Non-Invasive Ventilation
- Supraglottic Airway Management
- Tackling the Impossible Airway

## CARDIOVASCULAR – 23 HOURS

These EMS courses are designed to meet state and national continuing education requirements. Courses include cardiovascular emergencies, stroke, LVAD, ECMO, and more. These topics include basic and advanced techniques for both EMTs and Paramedics.

- Aided CPR Effects on Cardiac Arrest Outcomes
- Cardiac Emergencies in the Pre-Hospital Setting
- Chest Pain in Women (ALS)
- Chest Pain in Women (BLS)
- Defibrillator and Monitor Functions
- E-CPR, VADs and ECMO: Oh My!
- How Prehospital Stroke Care is Changing
- Identifying Cardiac Emergencies Using 12-Lead ECG
- Improving Pediatric Resuscitation Rates
- Initial Management of Pediatric Arrest
- LVO Stroke Recognition
- Managing Patients with Atrial Fibrillation (A-fib) (ALS)
- Measuring Cerebral Perfusion During CPR
- Out-of-Hospital Pediatric Cardiac Arrest
- Pediatric Cardiac And Respiratory Arrest (ALS)
- Pediatric Cardiac And Respiratory Arrest (BLS)
- Pulmonary Embolism: The Silent Killer
- Refractory Cardiac Arrest: Partnering with Definitive Care
- Refractory Cardiac Arrest: System-Wide Collaboration
- Revolutionizing Cardiac Arrest Survival
- Technology and Quality Improvement in Cardiac Arrests
- Treating Stroke Patients

## EMS OPERATIONS – 29 HOURS

Demonstrating operational excellence is on the mind of every EMS leader. This catalog will help you manage your organization, protocols, and lead your personnel. These courses cover a variety of leadership skills, organizational management, mobile units, crew resource management as well as other areas of education that is needed to serve and keep your community safe.

- Ambulance Operations: Driver Safety
- A Safer, Smarter Ambulance
- Avoiding Social Media Landmines for EMS Providers
- Back Safety in EMS
- Chokeholds, Ketamine, and Prone Positioning: The Legal and Medical Implications for EMS Practitioners
- Cleaning Ambulances and Equipment
- Community Paramedicine and Children
- Conducting Evidence-Based Investigations
- Crew Resource Management
- Effectively Managing Conflict Resolution
- EMS During Civil Disobedience Events
- EMS Research and How it Affects Your Practice
- HIPAA for First Responders
- HIPAA for Managers of First Responders
- Identifying and Responding to Human Trafficking
- Managing EMS Burnout
- Medical Preplanning for High Stake Events
- Mobile Stroke Units
- Pediatric Restraint
- Pediatric Transport
- Protocols for Pediatric Field Termination of Resuscitation
- Recognizing and Responding to Human Trafficking
- Scene Safety and Situational Awareness
- Texas EMS Jurisprudence Course
- Thinking Fast Acting Slow
- Violent Encounters in Healthcare
- Walking the Patient

## EMS TRAINING COLLECTIONS – 10.75 HOURS

- Active Shooter and EMS
- Basic Airway Techniques
- Blast Injuries, Triage, and Facial Trauma
- Building Teams That Promote Growth and Leadership
- EKG and ECMO in EMS
- EMS in Civil Unrest and SWAT Operations
- EMS Operations: Evidence-Based Medicine, Water Operations, and Training
- Improving Assessment and Pediatric Care
- Mental Health, Addiction, and Building Resiliency
- Pharmacology and Toxicology in EMS
- Trauma Management Skills

## MEDICAL – 54.5 HOURS

EMS providers must be prepared for every type of emergency. Courses in this section will cover special healthcare needs, obstetrics, gynecology, infectious diseases, medication delivery, pain management, psychiatric and behavioral emergencies, as well as toxicological, neurological, endocrine, and immunological emergencies.

- Acute Carbon Monoxide Poisoning
- Allergic Reactions and Anaphylaxis (ALS)
- Allergic Reactions and Anaphylaxis (BLS)
- Anaphylaxis: Life-Threatening Emergencies
- Cannabinoid Hyperemesis Syndrome
- Congenital Syphilis
- Crash Course in Toxicology: Five Deadly Overdoses to Know
- Creating Effective Training Simulations
- EMS and Athletic Training
- Endocrine Emergencies (ALS)
- Endocrine Emergencies (BLS)
- Epinephrine, Glucometers, and Naloxone
- EVALI: e-Cigarettes and Vaping Lung Injuries
- High-Consequence Infectious Disease Awareness
- Identifying Sepsis in the Prehospital Setting
- Infectious and Communicable Diseases
- Influenza and Provider Hygiene (ALS)
- Influenza and Provider Hygiene (BLS)
- Intellectual Disabilities and Their Impact on Assessment
- It's Not Always Sepsis
- Medic Math
- Moving Past FAST Exam: Prehospital Ultrasound
- Obstetric Emergencies: Birth and Complications
- Patient Care: Acute Mental Illness or Suicide Ideation
- Pediatric Assessment (ALS)
- Pediatric Assessment (BLS)
- Pediatric Drowning (ALS)
- Pediatric Drowning (BLS)
- Pediatric Management Handtevy, Broselow, and PALS
- Pediatric Septic Shock
- Pediatric Toxic Ingestion (ALS)
- Pediatric Toxic Ingestion (BLS)
- Post Partum Emergencies
- Respecting and Caring for the Elderly Community
- Street Drugs
- Sudden Unexplained Infant Death (SUID) (ALS)
- Sudden Unexplained Infant Death (SUID) (BLS)
- The Ketamine Challenge: Pros and Cons for EMS
- Transgender Patient Assessment and Care
- Treating Pediatric Patients (ALS)
- Treating Pediatric Patients (BLS)

## MEDIC MOMENT – 2.9 HOURS

Every EMS provider knows there is no way to accurately predict what kind of call you may experience on any given day. Make sure you're ready for anything by refreshing your memory by watching demonstrations of basic and advanced medical skills. The Medic Moment video series features well-established instructors from educational institutions nationwide, demonstrating practical skills every EMS provider needs.

- 12-Lead Placement
- Applying and Using CPAP
- Assessing for Cervical Spine Immobilization
- Automated External Defibrillator (AED) Use
- Cervical Spine Immobilization and Lifting for Supine Patients
- Death Assessments
- Defibrillation and Monitor Functions
- Drawing up Pediatric Doses
- Establishing an IV
- Establishing IO Access
- Glucometer Demonstration
- Intramuscular (IM) Injections
- IV Bolus Administration
- Medication Administration with a Nasal Atomizer
- Nasopharyngeal Airway (NPA)
- Needle Decompression for Tension Pneumothorax
- Oropharyngeal Airway (OPA)
- Orotracheal Intubation
- Pediatric Drowning Scenario
- Pelvic Binder Application
- SALAD Technique
- Sizing and Applying Cervical Collars
- Supraglottic Airways
- Surgical Cricothyrotomy
- Synchronized Cardioversion
- TBI Patient Assessment Walkthrough
- Transcutaneous Pacing
- Using Broselow for Pediatric Patients
- Vagal Maneuver

## TRAUMA – 21 HOURS

Trauma calls happen every day, and the EMS professional must be ready for any type of incident. This catalog will help you prepare for all types of trauma. Courses include everything from management of burns, blast injuries, hemorrhage control as well as triage.

- Blast Injuries, Triage, and Facial Trauma
- Burn Care for Patients and Firefighters
- Explosive Safety and Trauma Management (ALS)
- Explosive Safety and Trauma Management (BLS)
- Facial Trauma (ALS)
- Facial Trauma (BLS)
- Hemorrhage Control
- Management of Acute Burn Injuries
- Pediatric Burn Management
- Planning for Mass Casualty and Trauma Triage
- Pre-Hospital Fluid Resuscitation
- Trauma, Helmets, and Airway Management

## JEMS CEUs - 9 HOURS

Get credit for reading JEMS articles on a variety of topics, all approved by CAPCE.

- Behavioral Emergency Response Considerations
- Caring for Patients with Dementia or Alzheimer's
- Considerations for Geriatric Trauma Patient Care
- End-Tidal CO<sub>2</sub> and Capnography
- Facial Weakness, Palsy, and Stroke
- Fluid Resuscitation in Trauma Patients
- Hemorrhage Control and Wound Packing
- Neonate and Infant Care Considerations
- Sudden Death and Cardiac Arrest

## JEMS INSIGHTS - 9.5 HOURS

The JEMS Conference brings talent from all over the country to teach EMS Professionals. Now, even if you can be there in person, you can learn from industry experts on various topics that affect EMS today. Each micro learning course was filmed at the conference and gives you access to experts explaining best practices from real-world examples. These microlearning courses range from 2-7 min. in length.

- 3% Saline in TBI Care
- ABC's for Geriatric Patients
- Accurate EKG Interpretation
- Actions to Support Human Trafficking Victims
- Addressing Common Medication Errors
- Advice for a Career in SWAT Medicine
- Advice for Agencies that are Not Integrated with Law Enforcement
- Advice for a Successful Career
- Advice for Command and Control at Civil Unrest Events
- Advice for Formal Education Programs
- Advice for Providers at Roadway Incidents
- Advice for Responding to Pediatric Calls
- After Identifying a Human Trafficking Victim
- Airway Considerations for Newborns
- Anti-Coagulant and Anti-Platelet Medication
- Applying Motivation and Drive to Career Paths
- Assessing Pediatric Patients
- Assessing Stroke Severity
- Benefits of Fentanyl on Patient Outcomes
- Better Patient Assessments
- Blast Injuries
- Blood Products for Managing Hemorrhage
- BLS, Auto-Injectors, and IM Injections
- Breach Positions and Delivery
- Bulletproof Vest Considerations for Civil Unrest
- Challenges of Water-Based EMS
- Combating the Stigma of Mental Health
- Common Induction and Paralytic Agents
- Common Medications on the Ambulance
- Common Types of Chest Trauma
- Common Types of Shock
- Concerns in TBI Care
- Concise Narrative Writing for Reports
- Critical Training Topics
- Current Trends of Fentanyl Use
- Delivering a Baby with Shoulder Dystocia
- Determining Abnormalities in Ocular Injuries
- Determining Accuracy in Trial Data
- Difference Between Management and Leadership
- Differentiating Chest Trauma from Other Emergencies
- Difficulties of Pediatric Patient Assessment
- Disease Effects on Coagulation
- Dispelling Myths in EMS
- Documentation for EMS
- Drug-Assisted Airway Management (DAAM)
- ECMO for Cardiac Arrest Patients
- Effective Handoffs
- EKG as a Screening Tool
- EMS Working Together During Civil Unrest
- End-Tidal, the MVP of Vital Signs
- Essential Policies for EMS Departments
- Establishing Peer Support Systems
- Evaluating Treatment Methods
- Explosive Devices
- Fetal Head Entrapment
- First Responders During the Pandemic
- Gaining Buy-in for Law Enforcement Collaboration
- Gaining Pediatric Medical History from Parents or Guardians
- Getting a Patient History That Matters
- Handling Emotional Pediatric Calls
- Having the Right Approach to Patient Assessment
- History of Law Enforcement and EMS Integration
- How 12-Lead Helped Save a Patient
- How Can ECMO Affect Patient Outcomes?
- How Shock Complicates Preoxygenation
- How to Effectively Coordinate Delivery of Critical Care During Extrication
- Human Trafficking in Small Towns
- Identifying the Need for Blood Products
- Implementing Tactical Emergency Casualty Care
- Improving Diversity in Fire-Based EMS
- Improving Your EKG Interpretation Skills
- Inconsistency in Triage Models
- Increasing Law Enforcement Relations Through TEMS Program
- Indicators of Alcohol Use Disorder
- Investing in Mental Health
- Law Enforcement and EMS Cooperation During Civil Unrest
- Managing Hemorrhage Externally
- Managing Stress
- Medication Effects on Coagulation
- Mental Health for Medics
- Mentorship and Developing People
- Misconceptions About TBIs
- Mistakes When Treating Strokes
- My Experience with Large Scale Civil Unrest
- My Experience with Substance Use
- New Evidence Assessing Effectiveness of Medications
- Occupational Exposure to Fentanyl
- Ocular Emergencies
- Ocular Emergencies with Facial Trauma
- Optimizing First-Pass Intubation Success
- Optimizing Patients Before Intubation
- Organizational Structure in Fire-Based EMS
- Out-of-Hospital Childbirths
- Overcoming Common Leadership Pitfalls
- Patient Care During Extrication
- Patients with a History of TBIs

## JEMS INSIGHTS (CONT.)

- Pediatric Scene Management
- Personal Safety at Roadway Incidents
- PHI and HIPAA
- Physical Wellness and Mental Health
- Planning for Water Safety
- Postpartum Hemorrhage
- Preplanning for Civil Unrest
- Prevalence and Trends in Human Trafficking
- Preventing Pediatric Cardiac Arrest
- Primary Intervention for Suspected Overdose
- Protection During Active Threat Events
- Providing High-Quality Care for Pediatric Patients
- Questions to Help Identify Human Trafficking
- Rapid Evacuation of Wounded
- Rapid Sequence Intubation vs. Drug-Assisted Airway Management (DAAM)
- Rapid vs. Delayed Sequence Induction
- Recent Changes to EMS Recruitment and Retention
- Recognizing and Affecting Outcomes for a Septic Patient
- Red Flags to Look for in Patient Assessment
- Relieving Stress
- Resources for Substance Use Disorder
- Responding to Chest Trauma
- Resuscitation Before Intubation
- Retaining Good People
- Risks of Illicit Fentanyl Use
- Safety for Human Trafficking Victims and Responders
- SALT Method for Pediatric Triage
- Scene Safety and Situational Awareness
- Scene Safety for EMS
- Self-Aid/ Buddy-Aid
- Signs of a TBI
- Signs of Labor Trafficking
- Signs of Sex Trafficking
- Social Media and Human Trafficking
- Staying Up to Date on Current Trends
- Subtle Signs of a Stroke
- Supporting Mental Health
- Symptoms of Chest Trauma
- Tackling the Challenge of EMS Recruitment and Retention
- Taking the First Step to Recovery
- Taking the Signs of Aging into Consideration
- The AHORA Spanish Stroke Scale
- The Approach to Mentorship
- The Dangers of Broken Ribs
- The Difference in Recruiting for EMS and Fire
- The Future of ECMO Programs
- The Importance of Evidence Based Medicine
- The Lethal Triad
- The Need to Stay
- The Role of Formal Education in EMS
- The Role of Medics on Tactical Response Teams
- Training and Planning with Other Agencies
- Training for Situational Awareness
- Training Like Someone's Life Depends On It
- Training Together for Self-Aid/Buddy-Aid
- Transport and Communication During an Active Threat Response
- Transporting Patients with Chest Trauma
- Treating Facial Trauma Patients
- Treating Patients with Crush Injuries
- Treating Patients with Traumatic Brain Injuries (TBI)
- Treatment Considerations for Ocular Emergencies
- Treatment Options for Substance Use Disorders
- Treatment Priority for Crashing Patients
- Types of Blood Products
- Umbilical Cord Prolapse
- Unique Challenges for Geriatric Patients
- Utilizing EKG to Make Transport Determinations
- Utilizing Every Opportunity for Training
- Utilizing the Rescue Task Force Concept
- Water-Based EMS Operations
- What Should EMTs and Paramedics Know About Ocular Injuries
- What to Know about Pulmonary Pathophysiology
- When to Perform Needle Decompressions
- Why EpiPens Come in Twos

## COURSES FROM OUR PARTNERS - 1.5 HOURS

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- Calculating the Cost of Higher Education for EMS
- Is An Online EMS Degree Your Next Step?