

U.S. Fire Administration

Emergency Medical Services Programs

FA-322/January 2016



FEMA



National Fire Academy

Management of Emergency Medical Services (R0150)

This 10-day course focuses on supervisory management practices as they relate to Emergency Medical Services (EMS) in each participant's agency or jurisdiction. This interactive and fast-moving course will enable participants to deal more effectively with the day-to-day management issues that supervisory level managers are likely to encounter. Personnel, resource management, and quality improvement techniques are some of the major components of this course. Upon completion of this course, students will be able to enhance the quality and overall effectiveness of their EMS operation through the use of management techniques.

Advanced Leadership Issues in Emergency Medical Services (R0151)

This 10-day course is designed for upper-management individuals who have organizational responsibilities for EMS operations in their agency or jurisdiction. Situational, scenario-based instruction is the foundation of this course, with an emphasis on problem-solving and decision-making techniques. Leadership techniques as they relate to establishing and directing EMS work teams are also an important part of this course.

Challenges for the Future III: Health Care and EMS (C0564)

NFA Online Mediated

"Challenges for the Future III: Health Care and EMS" is a four-week EMS-/health care-focused online mediated instruction course designed to explore the impact of the Patient Protection and Affordable Care Act (PPACA) and the evolution of health care systems on their organizations. Students will evaluate the historical formation of modern EMS and the societal safety nets of Social Security and Medicare resulting in the current health care system. They will evaluate the impact that PPACA has on the emergency services system. Finally, students will evaluate the impact that PPACA has on the workforce and consider the implications that health care innovations will have on their organizations.



Emergency Medical Services: Quality Management (R0158)

This six-day course will provide the critical components, background and principles associated with the implementation, or enhancement, of a department's quality management program. The course teaches students how to create, implement and maintain a quality management program, including historical examples; current models; and best practices of quality assurance and improvement, process improvement, and data collection and analysis.

Throughout the course, students work on culminating activities relating to the development of a quality management program. Students present the culminating activity with classmates and instructors at the end of the course, allowing all students to take examples of quality management programs to their departments.

Hot Topics Research for Emergency Medical Services (C0139)

NFA Online Mediated

This NFA Online mediated course provides learners with the knowledge and skills to identify and research hot topics in EMS to ultimately identify, promote and embrace evidence-based system or service improvements. Skills addressed include problem statement identification, research strategy and proposal, literature and data evaluation, and project status briefing. Students will bring a topic important to their agency/community to base the research on and will construct a program proposal, begin the research process, and present a project status briefing.

Leadership Strategies for Community Risk Reduction (R0200/R0833)

Fire Prevention: Management Curriculum

This six-day course is designed for the students who have or will have responsibility to develop, implement and lead community risk-reduction and health programs. These include human-caused risks, natural disasters and health risks. The course empowers students with knowledge of how to prevent, reduce and mitigate community risk. It advocates the use of proven interventions, mechanisms to gather and analyze critical data, actions to target specific at-risk populations, evaluation, and how to build internal and external support to accomplish the changing mission of fire and emergency services.

This course will benefit progressive fire and EMS departments that are initiating programs to reduce their community's risks and mitigate their consequences. There is a pre-course assignment to conduct a community risk assessment.

For student selection criteria and prerequisite information, please visit www.usfa.fema.gov/training/.



EMS Functions in ICS (F/W0166)

Students will practice use of the Incident Command System (ICS) in coordination with other public safety responders. As a follow-up to ICS-100-level and ICS-200-level training, this course will present scenarios requiring responders to structure their EMS resources within the guidance of the National Incident Management System (NIMS) ICS, as appropriate to the needs of the different incident types. Through simulation and role-playing, students will demonstrate the implementation of EMS components in ICS at incidents.

Emergency Medical Services: Incident Operations (R0147/R0847)

In this six-day course, EMS personnel/officers/supervisors review ICS and study proper incident command techniques for management of medium to large incidents involving multiple sick or injured patients. Topics covered include problem-solving and EMS functions within incident command, resource management, interagency and mutual aid, size-up and strategy, tactics and action plans, EMS company operations, preincident preparation, incident organization, and strategic command.

Advanced Life Support Response to Hazardous Materials Incidents (R0247)

Hazardous Materials Curriculum

This 10-day course is designed for paramedic personnel who have an advanced life support (ALS) emergency medical responsibility at hazardous materials incidents, and it promises a rigorous experience for the students. In-depth chemistry as it relates to hazardous materials, the medical management of victims, and the development and management of the hazardous materials components of the medical support system are the three primary focuses of this course. Toxicology and decontamination procedures are covered from an advanced EMS viewpoint. Strategies for safe emergency medical interaction with contaminated victims are discussed in detail.

Fundamentals of Planning Specialized Operations for EMS (Q0176) (online) Management and Planning of Specialized Operations for EMS (R0168) (six-day classroom) (These two courses will replace Emergency Medical Services: Special Operations (R0152).)

These courses are designed to provide emergency personnel with the knowledge, skills and abilities to effectively plan and manage the response of their EMS systems for incidents/events requiring specialized resources, specialized preparation, and/or a multiagency response, in compliance with NIMS guidelines.

Application Procedures

The National Fire Academy (NFA) can no longer use Social Security numbers in our paper or online application process. We do, however, need a unique identifier that will allow us to record class registration, send acceptance and rejection notifications, provide stipend reimbursement (when appropriate), and record course performance and transcripts. The explanation is provided on this website: <https://cdp.dhs.gov/femasid>.

The General Admissions Application 119-25-1 for resident courses can be obtained from the U.S. Fire Administration's (USFA's) website at www.usfa.fema.gov/training/nfa/admissions/apply.html.

Application Periods

For first semester (October-March):

April 15-June 15

For second semester (April-September):

Oct. 15-Dec. 15

Mandatory Prerequisites

ICS-100-level and ICS-200-level training. Preferred courses are "Introduction to ICS for Operational First Responders" (Q0462) and "Basic NIMS ICS for Operational First Responders" (Q0463), available through NFA Online at www.usfa.fema.gov/training/nfa/courses/online.html. Chief's signature attests that the applicant has completed this required training.



National Fire Programs — EMS Research

National Fire Programs — Emergency Medical Services Research

USFA is committed to supporting EMS through the research activities of its National Fire Data Center. These are some of USFA's efforts to help ensure vibrant and effective EMS systems throughout the nation.

Funding Alternatives for Emergency Medical and Fire Services

Working with the Department of Homeland Security (DHS) Office of Health Affairs (OHA), USFA partnered with the International Fire Service Training Association to update and revise the December 1999 edition of USFA's "Funding Alternatives for Fire and Emergency Services" in order to provide the most up-to-date information regarding sources of funding for local-level EMS and fire departments.

Handbook for EMS Medical Directors

Supported by DHS OHA, USFA worked with the International Association of Fire Chiefs and its EMS section to develop a handbook for EMS medical directors. This handbook targets physicians who serve and support local-level EMS departments of all types — municipal third service, hospital-based, volunteer, fire department, and private sector.

Model Policies and Protocols for Emergency Medical Services Mass Care Incident Deployment

In cooperation with DHS OHA and the National EMS Management Association, USFA performed a study titled "Model Policies and Protocols for Emergency Medical Services Mass Care Incident Deployment" and developed a report from this study. It provides information to EMS departments on the development and enhancement of the organization and preparedness for mass care incidents, including natural and man-made disasters, large gathering and pandemic events, and other emergencies potentially resulting in large numbers of patients.

Emergency Medical Services Responder Safety Study

In partnership with the DHS OHA and the International Association of Fire Fighters, USFA is performing a study of critical health and safety issues for EMS responders that will incorporate the findings into revisions of EMS Safety — Techniques and Applications (January 1997) and the Guide to Developing and Managing an Emergency Service Infection Control Program (March 1992, updated January 2002).

Ambulance and EMS Vehicle Occupant Safety

USFA partnered with the National Institute for Occupational Safety and Health to support the evaluation of Emergency Services Vehicle Occupant Safety, a project that addresses ambulance and EMS vehicle safety.

Retention and Recruitment for the Volunteer Emergency Services – Challenges and Solutions

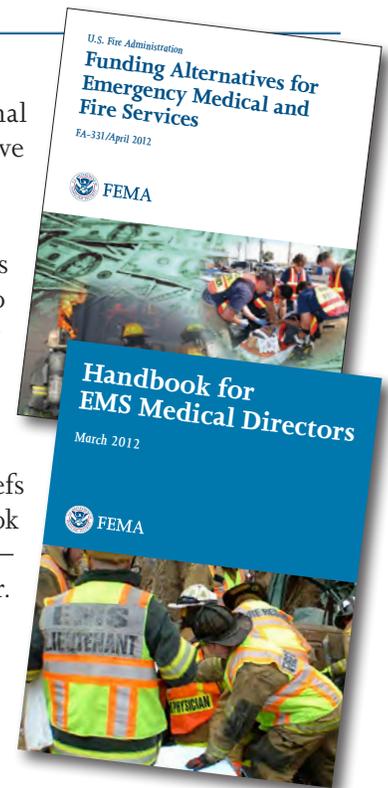
USFA's Prevention and Information Branch worked with the National Volunteer Council to develop this resource designed for all volunteer and combination departments that are experiencing retention and recruitment challenges. It addresses the primary challenges departments face and provides proven solutions to overcome retention and recruitment challenges.

Fire/EMS Department Operational Considerations and Guide for Active Shooter and Mass Casualty Incidents

Developed by USFA, this is an EMS resource that can be used to support planning and preparation for active shooter and mass casualty incidents.

USFA recognizes the critical importance of EMS provided by fire departments and other EMS response agencies and is dedicated to meeting their needs. To learn more about USFA's research efforts, visit the EMS Research Section of USFA's website: https://www.usfa.fema.gov/operations/ops_ems.html.

Additionally, USFA has research initiatives in emergency responder health and safety, including emergency vehicle and roadway operations safety, health and wellness, and other areas that support EMS responders: <https://www.usfa.fema.gov/operations/>.



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