



FEMA



National Fire Academy

F0166 – EMS Functions in ICS

Version: 1st Edition, 6th Printing, January 2015

Quarter:

ACE Credit: In the upper-division baccalaureate degree category, 1 semester hour in emergency medical services, public administration, or fire science.

IACET Continuing Education Units: 1.3

Length of Course: 2 Days (16 contact hours)

Prerequisite: Yes

Curriculum: Emergency Medical Services

Training Specialist: Michael Stern

Instructor:

Instructor email/phone:

Classroom: J-

Meeting Time: 8 AM – 5 PM

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Course Description (Catalog)

F0166 – “EMS Functions in ICS.” Students will practice use of the Incident Command System in coordination with other public safety responders. As a follow-up to ICS-100 and ICS-200 training, this course will present scenarios requiring responders to structure their EMS resources within the guidance of 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 an ICS system at incidents.

Student Qualifications (Primary and Secondary Audience)

The primary audience for this training includes EMS personnel who have duties involving emergency/disaster scene management at small- to medium-sized incidents (e.g., front line supervisors, street supervisors and shift supervisors).

Course Scope (Goal)

The goal of this course is to ensure Emergency Medical Services (EMS) personnel can make critical decisions effectively during an emergency/disaster by employing the appropriate EMS functions in Incident Command System (ICS) knowledge, skills, and abilities (KSAs), and decision-making techniques.

The scope of this course is to provide students with the opportunity to manage the medical, EMS, components of a variety of simulated mass casualty incidents (MCIs) using the NIMS ICS.

Course Objectives (Course Learning Outcomes – TLOs)

After successfully completing this course, you will be able to accomplish the following:

- Apply the ICS, as defined by the NIMS, at emergency incidents.
- Determine appropriate EMS personnel positions within ICS for a variety of incident types.
- Use preincident information for incident scene decision-making.
- Identify and order necessary resources, using ICS guidelines, for a best-practice response to a variety of incident types.
- Manage on-scene EMS activities to maximize personnel and scene safety.

Course Delivery Method

The National Fire Academy (NFA) offers specialized training courses and advanced management programs of national impact in an academic classroom environment [on campus at the National Emergency Training Center \(NETC\) in Emmitsburg, Maryland](#) and through their State, local, and tribal training partners. This classroom course is designed for the national level fire service officer from State and local fire service organizations. All course materials are designed for interactive classroom environments, in either paper notebook or electronic formats.

Course Schedule

The purpose of the course schedule is to give you, at a glance, the required preparation, activities, and evaluation components of your course.

DAY 1	DAY 2
Module: Introduction Activity I.1: Icebreaker Module 1: ICS Overview Activity 1.1: Completing Unit Log	Module 7: Special Considerations in Mass Gatherings Scenario D: Mass Gathering — Planned Protest
<i>Break</i>	<i>Break</i>
Module 2: ICS Specific to EMS Overview Activity 2.1: Resource Typing Activity 2.2: EMS Task Force Scenario A: Mass Casualty Incident — Car Accident	Module 8: Special Considerations in Tactical Emergency Medical Support Scenario E: Tactical Law Enforcement — University Active Shooter Module 9: Special Considerations in Hazardous Materials Situations
<i>Lunch Break</i>	<i>Lunch Break</i>
Module 3: On-scene Considerations Module 4: Preplanning Module 5: Multipatient Medical Transport Vehicles Scenario B: Structure Fire	Scenario F: Hazardous Materials Module 10: Special Considerations for EMS as Incident Commander
<i>Break</i>	<i>Break</i>
Module 6: Special Considerations in Wildland Fires Scenario C: Wildland Fire	Scenario G: Evacuations Module 11: Wrapping Up Incidents

Course Resources (Instructional Materials)

In order to be fully prepared, obtain a copy of the required textbooks and other instructional materials prior to the first day of class.

Required Readings

The student must complete required readings during the course to be able to thoughtfully participate in discussions and activities.

None.

Suggested Reading/Resources

Suggested readings and resources are not evaluated, but may enhance the student's understanding, serve as additional sources for citation and promote discussion of course material.

None.

Required Resources (Course Textbook)

Student Manual.

Supplemental Resources (Supplemental Course Textbook)

None.

Grading Methodology (Evaluation Procedures)

The student's final grade for "EMS Functions in ICS" (EMSFICS) will be computed as follows:

Pre-course IS201, Forms Used for the Development of the Incident Action Plan (IAP), (30 points) plus Student Response Checklist and seven scenarios (up to 10 points each) equals the grade.

The required performance to successfully complete the course is attained by completing the class with a letter grade of a “C” or higher.

Letter Grade	Point Range
A	90-100
B	80-89
C	70-79
F	69 or lower

Required Reading Assignments

Student completion of reading assignments will be done via evaluation of their class participation and will not be a separately graded activity.

Suggested Readings

Suggested readings are not evaluated, but may enhance the student’s understanding and promote discussion of course material.

Course Outline

Module 1: ICS Overview (Day 1)

Objectives

The students will be able to:

- 1.1 Describe the Incident Command System (ICS) structure.
- 1.2 Define common ICS terms.
- 1.3 Differentiate among Groups, Divisions and Branches.
- 1.4 Identify the leadership titles for ICS organizational elements.
- 1.5 Describe each of the relevant ICS forms.
- 1.6 Discuss ICS map symbols.

Module 2: ICS Specific to EMS Overview (Day 1)

Objectives

The students will be able to:

- 2.1 Identify common Incident Command System (ICS) terminology specific to Emergency Medical Services (EMS).
- 2.2 Describe the basic structure of the medical component within an ICS structure.
- 2.3 Describe methods for incorporating Medical Branch organization into ICS structure.
- 2.4 Describe resource typing.
- 2.5 Describe Ambulance Strike Teams.
- 2.6 Define EMS Task Force.
- 2.7 Describe Staging.

Scenario A: Mass Casualty Incident — Car Accident (Day 1)

Objectives

The students will be able to:

- SA.1 Develop a Brief Initial Report (BIR) and conduct a size-up of an incident.
- SA.2 Develop an Incident Command System (ICS) organizational structure, specific to the Emergency Medical Services (EMS)/Medical functions, with resources that reflect incident priorities.
- SA.3 Track patients using a Patient Tracking Form.
- SA.4 Use benchmarks to order and assign appropriate resources.

Module 3: On-scene Considerations (Day 1)

Objectives

The students will be able to:

- 3.1 Discuss **L**ookouts, **C**ommunications, **E**scape routes and **S**afety zones (LCES).

- 3.2 Discuss traffic control devices (TCDs).
- 3.3 List common roadway incident benchmarks.
- 3.4 Discuss Conditions, Actions and Needs (CAN) reports.

Module 4: Preplanning (Day 1)

Objectives

The students will be able to:

- 4.1 Define the purpose of preplanning.
- 4.2 List principles and features of preplanning.
- 4.3 Identify guidelines on ordering resources.

Module 5: Multipatient Medical Transport Vehicles (Day 1)

Objectives

The students will be able to:

- 5.1 Define Multipatient Medical Transport (MPMT) vehicles.
- 5.2 Describe types and function of MPMT vehicles.
- 5.3 List federal guidance for deployment of MPMT vehicles.
- 5.4 Describe alternatives to MPMT vehicles.
- 5.5 Discuss possible sources of funding for MPMT vehicles.

Scenario B: Structure Fire (Day 1)

Objectives

The students will be able to:

- SB.1 Develop the Medical Branch within an Incident Command System (ICS) organizational structure, and assign resources to reflect incident priorities.

- SB.2 Track patients using a Patient Tracking System.
- SB.3 Use benchmarks to order and assign appropriate resources.

Module 6: Special Considerations in Wildland Fires (Day 1)

Objectives

The students will be able to:

- 6.1 List types of Incident Management Teams (IMTs).
- 6.2 Identify prequalifications for assistance in wildland fire operations.
- 6.3 Identify functions of Emergency Medical Services (EMS) personnel in wildland fire incidents.
- 6.4 Identify EMS responsibilities and processes for setting up the initial Medical Unit.
- 6.5 Identify elements of proper gear and documentation for EMS personnel in wildland fire incidents.
- 6.6 Explain importance of preparing in advance for wildland fires.

Scenario C: Wildland Fire (Day 1)

Objectives

The students will be able to:

- SC.1 Develop a Medical Unit in the Incident Command System (ICS) organizational structure.
- SC.2 Perform the duties of the Medical Unit Leader.
- SC.3 Track patients using a Patient Tracking Form.
- SC.4 Use benchmarks to order and assign appropriate resources.

Module 7: Special Considerations in Mass Gatherings (Day 2)

Objectives

The students will be able to:

- 7.1 List special considerations related to various types of mass gatherings.

- 7.2 Identify Emergency Medical Services (EMS) event classification and resource deployment factors and personnel.
- 7.3 Discuss alternative modes of transporting EMS resources.
- 7.4 Review the Mass Gathering Checklist.
- 7.5 Discuss the Incident Action Plan (IAP).

Scenario D: Mass Gathering — Planned Protest (Day 2)

Objectives

The students will be able to:

- SD.1 Develop a Medical Branch and a Medical Unit in the Incident Command System (ICS) organizational structure.
- SD.2 Develop a Medical Plan.
- SD.3 Track patients using a Patient Tracking Form.
- SD.4 Use benchmarks to order and assign appropriate resources.

Module 8: Special Considerations in Tactical Emergency Medical Support (Day 2)

Objectives

The students will be able to:

- 8.1 Discuss special considerations in violent situations.
- 8.2 Discuss management considerations for Tactical Emergency Medical Support (TEMS).

Scenario E: Tactical Law Enforcement Support — University Active Shooter (Day 2)

Objectives

The students will be able to:

- SE.1 Develop a Medical Branch and a Rescue Branch in the Incident Command System (ICS) organizational structure.

- SE.2 Using best practices, determine the best location for facilities required in the management of a mass casualty incident (MCI).
- SE.3 Practice horizontal and vertical communication.
- SE.4 Track patients using a Patient Tracking Form.
- SE.5 Use benchmarks to order and assign appropriate resources.

Module 9: Special Considerations in Hazardous Materials Situations (Day 2)

Objectives

The students will be able to:

- 9.1 Discuss special circumstances and considerations in hazardous materials situations.
- 9.2 Discuss the differences in meeting the needs of responder/entry teams and other patients.

Scenario F: Hazardous Materials (Day 2)

Objectives

The students will be able to:

- SF.1 Determine initial actions.
- SF.2 Determine information to be included in a hazardous materials size-up.
- SF.3 Develop a Medical Branch and a Medical Unit in the Incident Command System (ICS) organizational structure.
- SF.4 Develop a Medical Plan.
- SF.5 Track patients using a Patient Tracking Form.
- SF.6 Use benchmarks to order and assign appropriate resources.

Module 10: Special Considerations for EMS as Incident Commander (Day 2)

Objectives

The students will be able to:

- 10.1 Identify special considerations for Emergency Medical Services (EMS) as the Incident Commander (IC).

10.2 Apply the formula for determining transport resources.

Scenario G: Evacuations (Day 2)

Objectives

The students will be able to:

- SG.1 Develop an Incident Command System (ICS) organizational structure for a mass evacuation and move.
- SG.2 Develop incident safety message.
- SG.3 Develop an Incident Briefing.
- SG.4 Track patients using a Patient Tracking Form.
- SG.5 Use benchmarks to order and assign appropriate resources.

Module 11: Wrapping Up Incidents (Day 2)

Objective

The students will be able to:

- 11.1 Identify tasks involved in wrapping up incidents.

Policies

Class Attendance and Cancellation Policy

Attendance

- You are required to attend all sessions of the course. If you do not, you may not receive a certificate, and your stipend may be denied.
- If you need to depart campus early and miss any portion of the course and/or graduation, you must make the request in writing to the NFA training specialist. The training specialist, in collaboration with the superintendent, may waive the attendance requirement in order to accommodate you with extraordinary circumstances as long as you complete all course requirements. If you receive approval for departing early, you must forward the approval to the Admissions Office so your stipend reimbursement is not limited.

Student Substitutions

Substitutions for NFA courses are made from waiting lists; your fire department can't send someone in your place.

Cancellations or No-Shows

NFA's mission for delivery of courses is impaired significantly by cancellations and no-shows. It is very difficult and costly to recruit students at the last minute. Currently there is a two-year ban on student attendance for students who are no-shows or cancel within 30 days of the course start date without a valid reason. If you receive such a restriction, your supervisor needs to send a letter to our Admissions Office explaining the cancellation/no-show.

Course Failure

If you fail an on-campus course, you will not be issued a stipend for that course. You can reapply for the failed course or any other NFA course and go through the random selection process. You don't have to successfully complete the failed course before attending another NFA course.

Student Code of Conduct Policy

Students, instructors and staff are expected to treat each other with respect at all times. Inappropriate behavior will not be tolerated and may result in removal from campus and denial of stipends.

Writing Expectations

Student writing will conform to the generally accepted academic standards for college papers. Papers will reflect the original work of the student and give appropriate credit through citations for ideas belonging to other authors, publications or organizations. Student written work should be free of grammatical and syntax errors, free of profanity or obscene language or ideas, and reflect critical thinking related to the course subject matter.

Citation and Reference Style

Attention Please: Students will follow the APA, Sixth Edition as the sole citation and reference style used in written work submitted as part of coursework to NFA. Assignments completed in a narrative essay, composition format, abstract, and discussion posts must follow the citation style cited in the APA, Sixth Edition.

Late Assignments

Students are expected to submit classroom assignments by the posted due date (11:59 p.m. EDT/EST) and to complete the course according to the published class schedule. As adults, students, and working professionals, you must manage competing demands on your time. Discussion board postings submitted within 3 days after the submission deadline will receive up

to a 20% deduction. Those that do not submit their discussion board postings within this timeline will receive a “0” grade for the week. Final assignment papers will not be accepted after the deadline. Any paper submitted after the deadline will receive a “0” grade for that assignment.

Netiquette

Online learning promotes the advancement of knowledge through positive and constructive debate – both inside and outside the classroom. Forums on the Internet, however, can occasionally degenerate into needless insults and “flaming.” Such activity and the loss of good manners are not acceptable in a professional learning setting – basic academic rules of good behavior and proper “Netiquette” must persist. Remember that you are in a place for the rewards and excitement of learning which does not include descent to personal attacks or student attempts to stifle the forum of others.

- **Technology Limitations.** While you should feel free to explore the full-range of creative composition in your formal papers, keep e-mail layouts simple. The NFA Online classroom may not fully support MIME or HTML encoded messages, which means that bold face, italics, underlining, and a variety of color-coding or other visual effects will not translate in your e-mail messages.
- **Humor Note.** Despite the best of intentions, jokes and especially satire can easily get lost or taken seriously. If you feel the need for humor, you may wish to add “emoticons” to help alert your readers: ;-), :), ☺ .

Disclaimer Statement

Course content may vary from the outline to meet the needs of this particular group.

Grading

Please review the above grading methodology that explains how grades will be awarded. Students who do not complete the entire course will be awarded an Incomplete (I) grade. In accordance with National Fire Academy academic policies, an Incomplete (I) grade must be removed by the end of the next semester following the course, or it automatically becomes a Failing (F) grade.

If you fail an on-campus course, you will not be issued a stipend for that course. You can reapply for the failed course or any other NFA course and go through the random selection process. You don’t have to successfully complete the failed course before attending another NFA course.

http://www.usfa.fema.gov/training/nfa/admissions/student_policies_campus_information.html

Academic Honesty

Students are expected to exhibit exemplary ethical behavior and conduct as part of the NFA community and society as a whole. Acts of academic dishonesty including cheating, plagiarism, deliberate falsification, and other unethical behaviors will not be tolerated.

Students are expected to report academic misconduct when they witness a violation. All cases of academic misconduct shall be reported by the instructor to the Training Specialist.

If a student is found to have engaged in misconduct and the allegations are upheld, the penalties may include, but are not limited to one or a combination of the following:

- expulsion,
- withholding of stipend or forfeiture of stipend paid,
- exclusion from future classes for a specified period; depending on the severity it could range from 1-10 years, and/or
- forfeiture of certificate for course(s) enrolled in at NETC.

Refer to NFA-specific Standard Operating Procedure 700.1 – *Academic Code of Conduct and Ethics* for more information.