

Emergency Medical Services (EMS) Working Group

JOB TITLES

The EMS Working Group determined the following job titles to be the most commonly requested EMS personnel in an interstate, mutual aid-based response:

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DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

REQUISITE AND RECOMMENDED CRITERIA

Considering existing, nationally-accepted standards, the Emergency Medical Services (EMS) Working Group extracted relevant education, training, experience, physical/medical fitness, certification, and licensing criteria to define the *baseline criteria* for each job title listed above. These baseline criteria represent the *minimum* requirements for EMS personnel to participate in the National Incident Management System (NIMS) Integration Center's National Emergency Responder Credentialing System.

The EMS Working Group identified additional recommended criteria relating to education, training, certification, experience, and physical/medical fitness where it believed standards and baseline criteria did not exist or were deemed insufficient. These recommended criteria are *not* required and represent the EMS Working Group's *recommendations* for EMS personnel to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

The categories used in *Designing a National Emergency Responder Credentialing System* are defined as follows:

Education	Formal instruction based on a curriculum that prepares an individual with the core knowledge and skill for entry into a discipline and for performing a job function
Training¹	Instruction and/or activities that enhance an individual's core knowledge, increase a skill set and proficiency, and strengthen and augment abilities
Experience	Time required functioning in a job title for an individual to attain proficiency in applying knowledge, skills, and abilities
Physical/ Medical Fitness	Physical and medical considerations that when applied, help to ensure safe performance in risky environments
Certification	Designation granted by Authority Having Jurisdiction (AHJ) that an individual has met requirements and achieved specific knowledge, skills, and abilities
Licensing	Legal designation granted by AHJ that an individual has met the necessary legal requirements to function in a job title

Where requisite and/or recommended criteria do not apply, that category will not be listed.

¹ Per National Incident Management System (NIMS) compliance at the time of publication, Incident Command System (ICS)- and Federal Emergency Management Agency (FEMA) Independent Study (IS)- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

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EMS ACRONYM LIST

ADM	Aeronautical Decision Making
AHJ	Authority Having Jurisdiction
AMPA	Air Medical Physician Association
AMRM	Air Medical Resource Management
AMT	Air Medical Technician
ATP	Airline Transport Pilot
CAMTS	Commission on Accreditation of Medical Transport Systems
CBRNE	Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives
CCRN	Critical Care Registered Nurse
CEN	Certified Emergency Nurse
CEVO	Emergency Vehicle Operator's Course
CFRN	Certified Flight Registered Nurse
CTRN	Certified Transport Registered Nurse
CRM	Crew Resource Management
DDC	Defensive Driving Course
DEA	Drug Enforcement Administration
EMR	Emergency Medical Responder
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EVO	Emergency Vehicle Operator
FAA	Federal Aviation Administration
FP-C	Certified Flight Paramedic
GED	General Equivalency Diploma
GVW	Gross Vehicle Weight
HazMat	Hazardous Materials
IAP	Incident Action Plan

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ICS	Incident Command System
IS	Independent Study
MCI	Mass Casualty Incident
NHTSA	National Highway Transportation Safety Administration
NIMS	National Incident Management System
NREMT	National Registry of Emergency Medical Technicians
NRP	Neonatal Resuscitation Program
OSHA	Occupational Safety and Health Administration
PIC	Pilot in Charge
Td	Tetanus and Diphtheria
Tdap	Tetanus, Diphtheria, and Pertussis

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 1: Air Medical Transport Manager

Description: The primary focus of an *Air Medical Transport Manager* or administrator is patient and air medical crew safety through the coordination of patient transportation and the maintenance of records relating to patient identification, condition, and destination via rotor-wing or fixed-wing air ambulance. The *Air Medical Transport Manager* assists in the identification and allocation of resources to support all air medical missions and may facilitate the communication of information between the scene and sending/receiving facilities in conjunction with the Air Medical Transport Medical Director. The *Air Medical Transport Manager* coordinates aviation activities with the Aviation Coordinator and other transportation team leaders.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Air Medical Transport Manager* to participate in NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training ²	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. Incident Command System (ICS)-100: Introduction to ICS2. ICS-200: Basic ICS3. Federal Emergency Management Agency (FEMA) Independent Study (IS)-700: An Introduction to the National Incident Management System (NIMS)4. Occupational Safety and Health Administration (OSHA) 1910.120 Hazardous Materials (HazMat) Awareness Training or equivalent basic instruction on responding to and operating in a chemical, biological, radiological nuclear, and high-yield explosives (CBRNE) mass casualty incident (MCI)
Experience	Ongoing involvement with an established air medical transport service

² Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

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EMS Job Title 1: Air Medical Transport Manager

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Air Medical Transport Manager* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Ongoing training in operations and management and care of patients involved in MCIs
Experience	<ol style="list-style-type: none">1. Minimum of 2 years of supervisory, management, or administrative experience2. Knowledge of Commission on Accreditation of Medical Transport Systems (CAMTS) accreditation standards for patients requiring air medical transport3. Medical Transport Leadership Institute or equivalent
Certification	<ol style="list-style-type: none">1. Certified Medical Transport Executive or equivalent college-level education
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that require refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Tetanus and diphtheria (Td) toxoid or Tetanus, diphtheria, and pertussis (Tdap.) Receipt of primary series and booster within 10 years▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 2: Air Medical Transport Mechanic

Description: The primary focus of an *Air Medical Transport Mechanic* is to ensure that aircraft used for medical missions are maintained to airworthiness standards prescribed by applicable regulations. The *Air Medical Transport Mechanic* is responsible for the direct operation and administration of avionics maintenance and support. The *Air Medical Transport Mechanic* will ensure compliance with Federal Aviation Administration (FAA) and other related regulations; that aircraft avionics and avionics-related equipment inspection and maintenance records are originated and retained for review as needed; that specific equipment and special tools are made available to accomplish the inspection, maintenance, and repair of avionics-related components on any aircraft in use; and that all appropriate entries have been made and/or transcribed to the aircraft journal and technical logs with respect to the avionics maintenance function and airworthiness status of the aircraft.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Air Medical Transport Mechanic* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	High school diploma or General Equivalency Diploma (GED)
Training	Completion of FAA-certified mechanic school or equivalent on-the-job training
Certification	Completion of Airframe & Powerplant Certification
Licensing	Valid driver's license

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EMS Job Title 2: Air Medical Transport Mechanic

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Air Medical Transport Mechanic* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: 1. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Minimum of 2 years of experience working as an aviation mechanic
Physical/ Medical Fitness	1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following: <ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing 2. Individuals should not require personal medications that need refrigeration of any kind 3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies 4. Immunizations: <ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 3: Air Medical Transport Medical Director

Description: The primary focus of an *Air Medical Transport Medical Director* is to oversee the care that the air medical transport crew delivers to the patient from the point of initial contact throughout the entire transport and appropriate disposition of the patient to the point of definitive care. The *Air Medical Transport Medical Director* is a licensed physician with education and experience in areas of medicine and pre-hospital care commensurate with the patient care mission. The *Air Medical Transport Medical Director* serves as a clinical resource to the air medical transport crew and has the authority over all patient care and clinical aspects of the air medical transport service.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Air Medical Transport Medical Director* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Graduate of an accredited medical school and completion of an accredited residency program
Training ³	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI5. Air Medical Physician Association's (AMPA) Medical Director's Core Curriculum or equivalent basic training as an aviation medical technician (AMT) medical director
Experience	Ongoing involvement with an established air medical transport service
Certification	Completion of the following: <ol style="list-style-type: none">1. Board certification or board-eligible in emergency medicine (or other comparable specialty)2. Current Drug Enforcement Administration (DEA) Registration
Licensing	Active status of legal authority to function as a physician granted by a state, the District of Columbia, or U.S. territory

³ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

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EMS Job Title 3: Air Medical Transport Medical Director

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Air Medical Transport Medical Director* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Experience	<ol style="list-style-type: none">1. Active involvement in the care of critically ill/injured patients2. Knowledge of CAMTS Accreditation Standards for patients requiring air medical transport
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 4: Air Medical Transport Paramedic

Description: The primary focus of an *Air Medical Transport Paramedic* is the acute management and transportation of the broad range of patients who access the emergency medical system. The *Air Medical Transport Paramedic* possesses basic and advanced skills to include invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies. Emergency care is based on an advanced assessment and the formulation of a field impression. The *Air Medical Transport Paramedic* has education and experience in areas of patient care commensurate with the patient care mission. The *Air Medical Transport Paramedic* provides care designed to minimize secondary injury and provide comfort to the patient and family while transporting the patient to an appropriate health care facility.

Paramedic is the minimum licensure level for patients requiring the full range of advanced out-of-hospital care.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Air Medical Transport Paramedic* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of a state-recognized paramedic program (based on the National Highway Transportation Safety Administration's [NHTSA's] National Standard Curriculum)
Training ⁴	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRBNE MCI
Experience	Ongoing involvement with an established air medical transport service
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a paramedic granted by a state, the District of Columbia, or U.S. territory

⁴ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 4: Air Medical Transport Paramedic

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Air Medical Transport Paramedic* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for Paramedic as defined by NHTSA's National EMS education standards. ⁵
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none">1. Ongoing training in the management and care of patients involved in MCIs2. Neonatal Resuscitation Program (NRP) or equivalent, if expected to transport high-risk OB or neonatal patients
Experience	<ol style="list-style-type: none">1. Minimum of 2 years of emergency and critical care paramedic experience2. Knowledge of CAMTS Accreditation Standards for patients requiring air medical transport
Physical/Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"
Certification	Certified Flight Paramedic (FP-C)

⁵ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education, and greater competency of the entry level EMS provider. Emergency Medical Responder (EMR), Emergency Medical Technician (EMT), and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 5: Air Medical Transport Pilot

Description: The primary focus of an *Air Medical Transport Pilot* is the safe, coordinated transport of air medical personnel and equipment to the location of an incident and subsequent provision of safe, coordinated transport of injured victims to an appropriate destination. The *Air Medical Transport Pilot* has authority for acceptance of specific missions and will make all decisions concerning suitability of weather conditions, landing areas, condition of the aircraft for flight, loading of the aircraft, and other factors affecting flight safety.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Air Medical Transport Pilot* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of required ground school on aeronautical knowledge; pass the required knowledge and practical test that applies to the aircraft type and class certificate sought
Training⁶	Completion of the following courses/ curricula: <ol style="list-style-type: none"> 1. ICS-100: Introduction to ICS 2. ICS-200: Basic ICS 3. FEMA IS-700: NIMS, An Introduction 4. Instrument Flight Training⁷ 5. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI 6. Risk assessment training and hazard mitigation 7. Air Medical Resource Management/Aeronautical Decision Making (ADM)/Crew Resource Management
	Pilot is current in aircraft type and pilot rating as determined by the AHJ
Experience	Completion of the following: <ol style="list-style-type: none"> 1. 2000 hours of pilot-in-command time (in helicopters for rotorcraft operations) 2. 250 hours of unaided night time 3. 300 hours of turbine time 4. 100 hours of EMS time 5. Fixed wing operations: Pilot in Command (PIC) must be ATP rated, 2000 airplane flight hours with 1000 as PIC, 500 hours multi-engine time as PIC (not required of single-engine turbine aircraft), 100 nighttime hours as PIC
Physical/Medical Fitness	Completion of the following: <ol style="list-style-type: none"> 1. Annual flight physical with medical class certificate that corresponds with the pilot certificate/rating
Certification	<ol style="list-style-type: none"> 1. Commercial Pilot Certificate with Instrument Rating preferred (Rotor). Military or Public Use pilot equivalent training, documented to the same standard or higher.

⁶ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

⁷ Does not require current certificate; individuals will have successfully completed training.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 5: Air Medical Transport Pilot

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Air Medical Transport Pilot* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	<ol style="list-style-type: none">1. Ongoing training in operations of management and care of patients involved in MCI incidents.2. 100 hours night-vision goggles3. Hoist operations, rappelling operations, mountain operations, desert operations, and over-water operations as applicable to the mission the pilot will be asked to perform
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 6: Air Medical Transport Registered Nurse

Description: The primary focus of an *Air Medical Transport Registered Nurse* is to provide direct care and transportation of critical and emergent patients who access the EMS scene or inter-facility health care system. The *Air Medical Transport Registered Nurse* possesses the education and experience in areas of patient care commensurate with the patient care mission. The *Air Medical Transport Registered Nurse* will serve as a functional member of the air medical transport crew, providing critical assessment, treatment, and transportation of patients via rotor-wing or fixed-wing air ambulance.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Air Medical Transport Registered Nurse* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Graduate of an accredited nursing program
Training ⁸	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an established air medical transport service
Licensing	Active status of legal authority to function as a registered nurse granted by a state, the District of Columbia, or U.S. territory

⁸ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 6: Air Medical Transport Registered Nurse

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Air Medical Transport Registered Nurse* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curricula: <ol style="list-style-type: none"> 1. Ongoing training in the management and care of patients involved in MCIs 2. Neonatal Resuscitation Program (NRP) or equivalent, if expected to transport high risk OB or neonatal patients
Experience	<ol style="list-style-type: none"> 1. Minimum of 2 years of emergency and critical care nursing experience 2. Knowledge of CAMTS Accreditation Standards for patients requiring air medical transport
Physical/ Medical Fitness	<ol style="list-style-type: none"> 1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following: <ul style="list-style-type: none"> ▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets) ▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments) ▪ Long periods of standing 2. Individuals should not require personal medications that require refrigeration of any kind 3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies 4. Immunizations: <ul style="list-style-type: none"> ▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years. ▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"
Certification	Completion of at least one of the following: <ol style="list-style-type: none"> 1. Certified Flight Registered Nurse (CFRN) 2. Certified Transport Registered Nurse (CTRN) 3. Certified Emergency Nurse (CEN) 4. Critical Care Registered Nurse (CCRN)

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EMS Job Title 7: Emergency Medical Responder

Description: The primary focus of the *Emergency Medical Responder* is to initiate immediate lifesaving care to critical patients who access the emergency medical system. The *Emergency Medical Responder* possesses the education and experience in areas of patient care commensurate with the patient care mission. Additionally, the *Emergency Medical Responder* has the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional EMS response and to assist higher level personnel at the scene and during transport. The *Emergency Medical Responder* functions as part of a comprehensive EMS response, under medical oversight. He/she performs basic interventions with minimal equipment.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Emergency Medical Responder* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of state-recognized first responder program based on the NHTSA's National Standard Curriculum
Training ⁹	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. FEMA IS-700: NIMS, An Introduction3. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or National Registry of Emergency Medical Technicians (NREMT) certification at this level
Licensing	Active status of legal authority to function as a first responder or an emergency medical responder granted by a state, the District of Columbia, or U.S. territory

⁹ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 7: Emergency Medical Responder

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Emergency Medical Responder* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for Emergency Medical Responder as defined by the NHTSA's National EMS education standards ¹⁰
Training	Ongoing training in the management and care of patients involved in MCIs
Physical/ Medical Fitness	<ol style="list-style-type: none"> 1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following: <ul style="list-style-type: none"> ▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets) ▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments) ▪ Long periods of standing 2. Individuals should not require personal medications that need refrigeration of any kind 3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies 4. Immunizations: <ul style="list-style-type: none"> ▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years. ▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

¹⁰ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 8: Emergency Medical Technician (EMT)

Description: The primary focus of an *Emergency Medical Technician* is to provide basic, noninvasive interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies. This may occur at an emergency scene until transportation resources arrive, from an emergency scene to a health care facility, between health care facilities, or in other healthcare settings. Additionally, the *Emergency Medical Technician* possesses the education and experience in areas of patient care that are commensurate with the patient care mission, providing care to minimize secondary injury and provide comfort to the patient and family while transporting the patient to an emergency care facility. The *Emergency Medical Technician* level is the minimum licensure level for personnel transporting patients in ambulances.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Emergency Medical Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of a state-recognized EMT program based on NHTSA's National Standard Curriculum
Training ¹¹	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. FEMA IS-700: NIMS, An Introduction3. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as an Emergency Medical Technician granted by a state, the District of Columbia, or U.S. territory

¹¹ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 8: Emergency Medical Technician (EMT)

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Emergency Medical Technician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for Emergency Medical Technician as defined by NHTSA's National EMS education standards ¹²
Training	Ongoing training in the management and care of patients involved in MCIs
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

¹² NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 9: Emergency Vehicle Operator

Description: The primary focus of an *Emergency Vehicle Operator* is the safe operation of assigned emergency vehicles less than 26,000 lbs. Gross Vehicle Weight (GVW) used for patient care and/or transport. The *Emergency Vehicle Operator* is responsible for checking the fuel and oil levels and inspects the vehicle to ensure that the brakes, windshield wipers, and lights are working and that a fire extinguisher, flares, and other safety equipment are aboard and in working order. The *Emergency Vehicle Operator* ensures cargo is secure and adjusts the mirrors so that both sides of the vehicle are visible from the driver's seat.

Drivers report equipment that is inoperable, missing, or loaded improperly to the Emergency Vehicle Operator Mechanic.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Emergency Vehicle Operator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training ¹³	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. FEMA IS-700: NIMS, An Introduction3. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI4. Emergency Vehicle Operator's Course, CEVO, or equivalent5. Defensive Driving Course (DDC4) or equivalent
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Emergency Vehicle Operator course
Licensing	Valid driver's license

¹³ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 9: Emergency Vehicle Operator

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Emergency Vehicle Operator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Experience	2 years minimum driving experience plus a minimum of 1 year Emergency Vehicle Operator (EVO) experience
Physical/ Medical Fitness	<ol style="list-style-type: none">Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)Long periods of standingIndividuals should not require personal medications that need refrigeration of any kindIndividuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and suppliesImmunizations:<ul style="list-style-type: none">Td toxoid or Tdap. Receipt of primary series and booster within 10 years.Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 10: Emergency Vehicle Operator-Heavy

Description: The primary focus of an *Emergency Vehicle Operator-Heavy* is the safe operation of heavy or large emergency vehicles over 26,000 lbs. GVW with special operating requirement (airbrakes, medium- or heavy-duty chassis) used for patient care and/or transport. The *Emergency Vehicle Operator-Heavy* is responsible for checking the fuel and oil levels and inspects the vehicle to ensure that the brakes, windshield wipers, and lights are working and that a fire extinguisher, flares, and other safety equipment are aboard and in working order. The *Emergency Vehicle Operator-Heavy* ensures cargo is secure and adjusts the mirrors so that both sides of the vehicle are visible from the driver's seat. Drivers report equipment that is inoperable, missing, or loaded improperly to the *Emergency Vehicle Mechanic*.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *Emergency Vehicle Operator-Heavy* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training ¹⁴	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. FEMA IS-700: NIMS, An Introduction3. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI4. Emergency Vehicle Operator's Course, CEVO, (for heavy or large emergency vehicles over 26,000 lbs. GVW), or equivalent5. DDC4 or equivalent
Experience	<ol style="list-style-type: none">1. Ongoing involvement with an EMS-providing entity, organization, or agency2. Demonstrate basic competency of vehicle operation
Certification	EVO
Licensing	Valid driver's license

¹⁴ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 10: Emergency Vehicle Operator-Heavy

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *Emergency Vehicle Operator-Heavy* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Experience	2 years minimum driving experience plus a minimum of 1 year EVO and 1 year EVO-Heavy experience
Physical/ Medical Fitness	<ol style="list-style-type: none">Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)Long periods of standingIndividuals should not require personal medications that need refrigeration of any kindIndividuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and suppliesImmunizations:<ul style="list-style-type: none">Td toxoid or Tdap. Receipt of primary series and booster within 10 years.Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 11: EMS Physician

Description: The primary focus of the *EMS Physician* is to ensure quality patient care and provide medical oversight of EMS resources within an established command and control system during an incident response. The *EMS Physician* is a licensed physician who possesses the education and experience in areas of medicine and out-of-hospital care commensurate with the patient care mission. The *EMS Physicians* primary responsibilities include the development and initiation of EMS protocols, oversight of EMS resource allocation, and appropriate handling, treatment, and transportation of victims.

The *EMS Physician* has the authority over all patient care and clinical aspects of the EMS service.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *EMS Physician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Graduate of an accredited medical school and completion of an accredited residency program
Training	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. ICS-300: Intermediate ICS4. FEMA IS-700: NIMS, An Introduction5. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	<ol style="list-style-type: none">1. Minimum of 2 years of experience or training in out-of-hospital emergency care of the acutely ill or injured patient2. Knowledge of Federal, State, and local MCI and disaster plans3. Active medical practice
Certification	Current DEA registration
Licensing	Active status of legal authority to function as a physician granted by a state, the District of Columbia, or U.S. territory

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 11: EMS Physician

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an EMS *Physician* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training	Completion of the following courses and/or curriculum: 1. Base Station Course or equivalent
Physical/ Medical Fitness	1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following: <ul style="list-style-type: none">12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)Long periods of standing 2. Individuals should not require personal medications that need refrigeration of any kind 3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies 4. Immunizations: <ul style="list-style-type: none">Td toxoid or Tdap. Receipt of primary series and booster within 10 years.Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 12: EMS Transportation Group Supervisor

Description: The primary focus of an *EMS Transportation Group Supervisor* is the coordination of patient transportation and maintenance of records relating to the patient's identification, condition, and destination. He/she designates ambulance Staging Area(s), ensures that patient information and destinations are recorded, requests additional ambulances as required, coordinates requests for air medical transportation through the air medical transport manager, coordinates the establishment of the helipads with the medical branch director and air medical transport manager, and ensures the establishment of communications with hospitals.

The *EMS Transportation Group Supervisor* reports to the medical branch director and supervises the medical communications coordinator and the ambulance coordinator. The *EMS Transportation Group Supervisor* is responsible for the coordination of patient transportation and maintenance of records relating to the patient's identification, condition, and destination.¹⁵

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *EMS Transportation Group Supervisor* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training ¹⁶	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency

¹⁵ The patient transport function may initially be established as a unit and upgraded to a group based on incident size and complexity.

¹⁶ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 12: EMS Transportation Group Supervisor

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *EMS Transportation Group Supervisor* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training ¹⁷	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-300: Intermediate ICS2. Unit-specific training in the management and care of patients involved in MCI's
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

¹⁷ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 13: EMS Transportation Unit Leader

Description: The primary focus of an *EMS Transportation Unit Leader* is the coordination of patient transportation and maintenance of records relating to the patient's identification, condition, and destination. He/she designates ambulance Staging Area(s), ensures that patient information and destinations are recorded, requests additional ambulances as required, coordinates requests for air medical transportation through the transportation group supervisor or air medical transport manager, coordinates the establishment of the helipads with the medical branch director and air medical transport manager, and ensures the establishment of communications with hospitals.

The *EMS Transportation Unit Leader* reports to the medical group supervisor and supervises the medical communications coordinator and the ambulance coordinator.¹⁸

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *EMS Transportation Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Training ¹⁹	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency

¹⁸ The patient transport function may initially be established as a Unit and upgraded to a group based on incident size and complexity.

¹⁹ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 13: EMS Transportation Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *EMS Transportation Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Training ²⁰	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-300: Intermediate ICS2. Ongoing training in the management and care of patients involved in MCIs
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability".

²⁰ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 14: EMS Treatment Unit Leader

Description: The primary focus of the *EMS Treatment Unit Leader* is the coordination of treatment, preparation for transport, directing movement of patients to loading location(s), and coordinating movement of patients from the Triage Area to Treatment Areas with the triage unit leader. The *EMS Treatment Unit Leader* requests sufficient medical reserves and supplies, establishes communications and coordination with the transportation unit leader, ensures continual triage of patients throughout Treatment Areas, and directs movement of patients to ambulance loading area(s). The *EMS Treatment Unit Leader* possesses the education and experience in areas of patient care that are commensurate with the patient care mission.

The *EMS Treatment Unit Leader* reports to the medical group supervisor and supervises treatment managers and the treatment dispatch manager.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *EMS Treatment Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of state recognized First Responder program based on NHTSA's National Standard Curriculum
Training ²¹	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a first responder or an EMR granted by a state, the District of Columbia, or U.S. territory

²¹ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 14: EMS Treatment Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *EMS Treatment Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for Emergency Medical Responder as defined by NHTSA's National EMS Education Standards ²²
Training	Ongoing training in the management and care of patients involved in MCIs
Physical/ Medical Fitness	<ol style="list-style-type: none">Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments), andLong periods of standingIndividuals should not require personal medications that need refrigeration of any kindIndividuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and suppliesImmunizations:<ul style="list-style-type: none">Td toxoid or Tdap. Receipt of primary series and booster within 10 years.Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

²² NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 15: EMS Triage Unit Leader

Description: The primary focus of the *EMS Triage Unit Leader* is to provide triage management and movement of patients from the Triage Area. The *EMS Triage Unit Leader* informs the medical group supervisor of resource needs, implements the triage process, coordinates movement of patients from the Triage Area to the appropriate Treatment Area, maintains security and control of the Triage Area, and establishes the morgue. The *EMS Triage Unit Leader* possesses the education and experience in areas of patient care that are commensurate with the patient care mission.

The *EMS Triage Unit Leader* reports to the medical group supervisor and supervises triage personnel, litter bearers, and the morgue.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for an *EMS Triage Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of state recognized First Responder program based on NHTSA's National Standard Curriculum
Training ²³	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a first responder or an EMR granted by a state, the District of Columbia, or U.S. territory

²³ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 15: EMS Triage Unit Leader

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for an *EMS Triage Unit Leader* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for EMR as defined by NHTSA's National EMS Education Standards ²⁴
Training	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-300: Intermediate ICS2. Ongoing training in the management and care of patients involved in MCIs
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments), and▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

²⁴ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 16: Medical Branch Director

Description: The primary focus of a *Medical Branch Director* is the implementation of the Incident Command System (ICS) Incident Action Plan (IAP) within the medical branch. The *Medical Branch Director* reports to the Operations Section Chief and supervises the medical group(s) and the patient transport function (unit or group). The *Medical Branch Director* possesses the education and experience in areas of patient care commensurate with the patient care mission and manages all medical group/branch functions to safely and quickly extricate, triage, treat, and transport all patients according to the IAP's medical objectives. The *Medical Branch Director* reviews group assignments for effectiveness of current operations and provides input to Operations Section Chief for the IAP, supervises branch activities, reports to the Operations Section Chief on branch activities, and maintains the unit/activity log.²⁵

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Medical Branch Director* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of state-recognized first responder program based on NHTSA's National Standard Curriculum
Training ²⁶	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: An Introduction to ICS2. ICS-200: Basic ICS3. ICS-300: Intermediate ICS4. FEMA IS-700: NIMS, An Introduction5. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a first responder or an EMR granted by a state, the District of Columbia, or U.S. territory

²⁵ The medical function may be initially established as a group and upgraded to a branch based on incident size or complexity.

²⁶ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 16: Medical Branch Director

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for a *Medical Branch Director* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for EMR as defined by NHTSA's National EMS education standards ²⁷
Training	Completion of the following courses/ curricula: 1. Unit-specific training in the management and care of patients involved in MCI's
Physical/ Medical Fitness	1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following: <ul style="list-style-type: none"> ▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets) ▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments) ▪ Long periods of standing 2. Individuals should not require personal medications that need refrigeration of any kind 3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies 4. Immunizations: <ul style="list-style-type: none"> ▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years. ▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

²⁷ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 17: Medical Group Supervisor

Description: The primary focus of the *Medical Group Supervisor* is to implement all medical group/branch functions to safely and quickly extricate, triage, treat, and transport all patients according to the incident medical objectives. The *Medical Group Supervisor* possesses the education and experience in areas of patient care commensurate with the patient care mission. The *Medical Group Supervisor* establishes command and control of the activities within a medical group, establishes the medical group with assigned personnel, and requests additional personnel and resources sufficient to respond to the magnitude of the incident.

The *Medical Group Supervisor* reports to the medical branch director and supervises the triage unit leader, treatment unit leader, patient transport unit leader, and medical supply coordinator.²⁸

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Medical Group Supervisor* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of state-recognized first responder program based on NHTSA's National Standard Curriculum
Training ²⁹	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. ICS-300: Intermediate ICS4. FEMA IS-700: NIMS, An Introduction5. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a first responder or an EMR granted by a state, the District of Columbia, or U.S. territory

²⁸ The medical function may be initially established as a group and upgraded to a branch based on incident size or complexity.

²⁹ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 17: Medical Group Supervisor

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for a *Medical Group Supervisor* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for EMR as defined by NHTSA's National EMS education standards ³⁰
Training ³¹	Completion of the following courses/curricula: <ol style="list-style-type: none">1. Unit-specific training in the management and care of patients involved in MCIs
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

³⁰ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

³¹ Per NIMS Compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 18: Medical Supply Coordinator

Description: The primary focus of the *Medical Supply Coordinator* is to acquire and maintain control of appropriate medical equipment and supplies from units assigned to the medical group. The *Medical Supply Coordinator* requests additional medical supplies and distributes medical supplies to treatment and triage units.

The *Medical Supply Coordinator* reports to the medical group supervisor.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Medical Supply Coordinator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of state recognized First Responder program based on NHTSA's National Standard Curriculum
Training ³²	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. ICS-200: Basic ICS3. FEMA IS-700: NIMS, An Introduction4. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a first responder or an EMR granted by a state, the District of Columbia, or U.S. territory

³² Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 18: Medical Supply Coordinator

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for a *Medical Supply Coordinator* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for EMR as defined by NHTSA's National EMS education standards ³³
Training	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-300: Intermediate ICS2. Ongoing training in the management and care of patients involved in MCI's
Physical/ Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments), and▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

³³ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education, and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 19: Paramedic

Description: The primary focus of a *Paramedic* is to provide emergency care based on an advanced assessment and the formulation of a field impression, including basic and advanced skills focusing on the acute management and transportation of the broad range of patients who access the emergency medical system. The *Paramedic* possesses the education and experience in areas of medicine and pre-hospital care commensurate with the patient care mission. The *Paramedic's* skills include invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies. The *Paramedic* provides care designed to minimize secondary injury and provide comfort to the patient and family while transporting the patient to an appropriate health care facility.

The *Paramedic* is the minimum licensure level for patients requiring the full range of advanced out-of-hospital care.

REQUISITE CRITERIA

The table below lists minimum requisite criteria, based on existing protocols and standards, for a *Paramedic* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System.

Category	Criteria
Education	Completion of a state-recognized paramedic program based on NHTSA's National Standard Curriculum
Training ³⁴	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-100: Introduction to ICS2. FEMA IS-700: NIMS, An Introduction3. OSHA 1910.120 HazMat Awareness Training or equivalent basic instruction on responding to and operating in a CBRNE MCI
Experience	Ongoing involvement with an EMS-providing entity, organization, or agency
Certification	Successful completion of a state-approved program at this level or NREMT certification at this level
Licensing	Active status of legal authority to function as a paramedic granted by a state, the District of Columbia, or U.S. territory

³⁴ Per NIMS compliance at the time of publication, ICS- and FEMA IS- training courses are listed. Equivalent courses must meet the NIMS National Standard Curriculum.

DESIGNING A NATIONAL EMERGENCY RESPONDER CREDENTIALING SYSTEM

EMS Job Title 19: Paramedic

RECOMMENDED CRITERIA

The recommended criteria that follow are intended to supplement previously listed requisite criteria for the NIMS Integration Center's consideration and referral to organizations, as appropriate.

The table below lists the EMS Working Group's recommended criteria for a *Paramedic* to participate in the NIMS Integration Center's National Emergency Responder Credentialing System. These criteria incorporate and/or modify existing protocols and standards and/or propose their development where they do not exist.

Category	Criteria
Education	Successful completion of the minimum terminal learning objectives for paramedic as defined by NHTSA's National EMS education standards. ³⁵
Training	Completion of the following courses/ curricula: <ol style="list-style-type: none">1. ICS-200: Basic ICS2. Ongoing training in the management and care of patients involved in MCI's
Physical/Medical Fitness	<ol style="list-style-type: none">1. Individuals must be healthy enough to function under field conditions, which may include all or some of the following:<ul style="list-style-type: none">▪ 12-hour shifts, austere conditions (possibly no showers, housing in tents, portable toilets)▪ Extreme weather conditions (long exposure to heat and humidity, lack of air conditioning, extreme cold, or wet environments)▪ Long periods of standing2. Individuals should not require personal medications that need refrigeration of any kind3. Individuals should not have any physical conditions, impairments, or restrictions that would preclude them from participating in the moving and lifting of patients and/or equipment and supplies4. Immunizations:<ul style="list-style-type: none">▪ Td toxoid or Tdap. Receipt of primary series and booster within 10 years.▪ Documentation of Hepatitis B Vaccination Series and documentation of a positive titer (antibody to HBsAg) OR completion of a "waiver of liability"

³⁵ NHTSA's National EMS education standards are a component of the *EMS Education Agenda for the Future: A System Approach*, a comprehensive plan for a national EMS education system that will result in improved efficiency in the education process, enhanced consistency in the quality of the EMS education and greater competency of the entry level EMS provider. EMR, EMT, and paramedic job titles should be expected to transition to these educational standards as they are implemented.