

# FEDERAL EMERGENCY MANAGEMENT (FEMA)

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## **FEMA 101C - Environmental Health in Emergency Response (1)**

Introduces students to the concept of environmental health in emergency response and the role of the Environmental Health Responder (EHR). Covers basic information on emergency environments an EHR may encounter, principles of environmental health that are likely to be applied in these environments, and resources that define EHR procedures in emergency scenarios. Prepares students for continued study of Environmental Health Response at the operational, planning, and managerial levels.

## **FEMA 102C - Healthcare Workers' Safety and Emergency Planning (1)**

Examines the components of healthcare emergency preparedness mandated for Medicare & Medicaid participating hospitals, providers, and suppliers. Provides guidance on how to develop procedures, protocols, and policies in healthcare settings to ensure workers' safety and continuity of operation. Explores how agencies and workers can implement protective measures in a healthcare setting.

## **FEMA 103 - Community Disaster Exercise (1)**

(formerly FEM 103)

Introduces the fundamental components and concepts that underpin emergency management exercises, the Homeland Security Exercise and Evaluation Program (HSEEP), and the exercise planning cycle. Orients students to the considerations necessary in exercise design, along with the roles and responsibilities of the exercise planning and exercise evaluator teams. Discusses the exercise evaluation process and principles, the purpose and design of necessary documentation elements, and places specific emphasis on the tasks of the individual evaluator throughout the exercise evaluation process.

## **FEMA 103C - Comprehensive Radiological Emergency Management (3)**

Explores the intricacies of radiological accident assessment concepts, radiological emergency management, and the roles and responsibilities of agencies involved in responding to radiological incidents. Provides instruction on radiological preparedness and protection, best practices with packing and transporting radioactive materials, and decision-making principles.

## **FEMA 104 - Earthquake Structural Mitigation (1)**

(formerly FEM 104)

Provides students involved in state and local governments, and the building and financial industries, with knowledge concerning the requirements of federal and federally assisted or regulated new building construction. The course is also intended to provide the student with basic knowledge about earthquakes and how buildings can be built to be safe during an earthquake.

## **FEMA 104C - HAZMAT/CBRNE Safety and Preparedness (3)**

Provides instruction on recognizing and responding to hazardous materials (HAZMAT) and chemical, biological, radiological, nuclear, and explosive (CBRNE) incidents. Introduces students to identifying suspicious behaviors in a variety of settings, understanding risks, and analyzing, planning, and implementing protective actions both before and following an incident.

## **FEMA 105 - Retrofitting Flood-Prone Residential Structures (1)**

(formerly FEM 105)

Provides students with the essential, nontechnical background knowledge about retrofitting. The retrofitting measures presented are creative and practical, comply with applicable floodplain regulations, and are satisfactory to homeowners.

## **FEMA 109 - Introduction to Animals in Disaster (1)**

(formerly FEM 109)

Intended to increase awareness and preparedness among animal owners and care providers. It includes sections on typical hazards, how these affect animals and what can be done by responsible owners to reduce the impact of disasters. It is also intended to help animal owners, care providers and industries to better understand emergency management. Course material will heighten awareness of the special issues that emergency managers need to consider when incorporating animal-care annexes into their emergency operations plans.

## **FEMA 110 - Animals in Disaster Planning (1)**

(formerly FEM 110)

Intended to guide emergency management officials and animal owners, care providers, and industries in preparing community disaster plans. The goal is to provide sufficient information for both groups to meet and develop meaningful and effective plans that improve the care of animals, their owners, and the animal-care industries in disasters. This course provides the basic background knowledge needed to develop a coordinated response to a disaster in which animals and their owners are affected. Further training with local or state emergency management programs is essential.

## **FEMA 122 - Community Hurricane Preparedness (1)**

(formerly FEM 122)

Provides emergency managers and disaster coordinators with basic information about the nature of hurricanes and the hazards they pose, and how the National Weather Service (NWS) forecasts future hurricane behavior.

## **FEMA 127 - Emergency Management of Hazardous Weather (1)**

(formerly FEM 127)

Designed to provide the student with a solid background in understanding hazardous weather and community risks so they can communicate effectively with the local National Weather Service office and their community.

## **FEMA 131 - Principles of Emergency Management (1)**

(formerly FEM 131)

Provides an introduction to the fundamentals of emergency management as an integrated system. Surveys how the resources and capabilities of organizations at all levels can be networked together in emergency management phases for effective hazard response.

## **FEMA 132 - Leadership and Decision Making Concepts (1)**

(formerly FEM 132)

Introduces students to leadership skills and influence types, with a particular focus on trust-building and facilitation of change through a leadership role. Examines critical decision making and problem solving strategies for emergency management managerial, planning, and response roles. Explores a five-step problem solving model and its applications, especially in group situations or emergency conditions.

## **FEMA 134 - Effective Communication (1)**

(formerly FEM 134)

Provides an introduction to communication and interpersonal skills needed by local emergency managers, planners, and responders. Develops communication skills needed in emergency management situations.

**FEMA 135 - Volunteerism and Emergency Management (1)**

(formerly FEM 135)

Provides a basic orientation to the types of volunteer organizations active in the emergency management community, the roles they commonly play, and the history of volunteer disaster assistance in the United States. Investigates characteristics of disaster volunteer management programs, with emphasis on the recruitment, management, assignment, and motivation of volunteer groups. Introduces the role and duties of the Voluntary Agency Liaison as part of a governmental volunteerism coordination apparatus.

**FEMA 136 - Debris Operations (1)**

(formerly FEM 136)

Provides an introduction to the fundamentals of Debris Operations in an emergency management environment. Defines and describes the functions of individuals and organizations in debris operations. Identifies and discusses critical debris operations issues. Surveys funding, eligibility, and contracting issues related to debris operations.

**FEMA 138 - Livestock in Disasters (1)**

(formerly FEM 138)

Provides an introduction to the issues farmers and emergency managers must deal with during an emergency management environment. Examines approaches that will mitigate the impact of disasters on livestock. Discusses emergency planning for farming communities. Defines different types of disasters and how each affects livestock.

**FEMA 140 - Emergency Planning (1)**

(formerly FEM 140)

Introduces the fundamentals of the emergency planning process, including the rationale behind planning. Presents reasons for effective participation in the all-hazard emergency operations planning process to save lives and protect property threatened by disaster. Designed for emergency management personnel who are involved in developing an effective emergency planning system.

**FEMA 144 - Environmental and Historic Preservation (1)**

(formerly FEM 144)

Provides students with the background and practical knowledge needed to participate in FEMA's environmental and historic review process. The course will also cover how the environmental/historic preservation review process applies to various job responsibilities within FEMA's programs.

**FEMA 150 - Incident Command System (ICS) (1)**

(formerly FEM 150)

Describes the history, features, principles, and organizational structure of the Incident Command System (ICS). Explains the relationship between the Incident Command System (ICS) and the National Incident Management System (NIMS). Provides advanced training, exercises, and resources for personnel who are likely to assume a supervisory position within the Incident Command System (ICS).

**FEMA 151 - National Incident Management System (NIMS) (1)**

(formerly FEM 151)

Provides a comprehensive understanding of the National Incident Management System (NIMS), including its purpose, principles, key components, and benefits. Specifically explores the planning, coordination, and resource management functions of NIMS, and the system's relationship with the Incident Command System (ICS).

**FEMA 156 - Emergency Management Principles for Educational Environments (1)**

(formerly FEM 156)

Provides an orientation to basic emergency management principles, activities, and planning strategies that is specifically tailored to the needs of K-12 schools and postsecondary educational institutions. Introduces the concepts of comprehensive emergency management, risk assessment, planning, and plan exercise as they are applied in school settings. Offers opportunities to study and practice situation analysis, planning team formation, and development of Emergency Operations and Recovery Plans.

**FEMA 157 - Introduction to Hazard Mitigation (1)**

(formerly FEM 157)

Introduces the National Mitigation Framework and mitigation's place in serving the National Preparedness Goal. Details processes for developing community support, identifying potential hazards, assessing risk, and accessing community and outside agency assistance in the process of mitigation planning. Investigates economic impacts of disasters, the Hazard Mitigation Assistance (HMA) program, and discusses potential reductions in cost and damage resulting from the development of a Hazard Mitigation Plan built on risk management principles.

**FEMA 159 - National Preparedness Frameworks: Prevention, Protection, and Response (1)**

(formerly FEM 159)

Introduces the National Prevention, Protection, and Response Frameworks as both guiding documents and interlocking components in service of the broader National Preparedness System. Investigates the doctrine, stakeholders, and core capabilities prescribed for each Framework's mission area, with particular focus on those principles or partners deemed necessary across multiple Frameworks. Orients students to the coordinating structures responsible for executing Framework elements, and explores the ways by which various processes and organizations work to fill those roles.

**FEMA 161 - Emergency Operation Center (EOC) (1)**

(formerly FEM 161)

Introduces the role, design, and functions of Emergency Operations Centers (EOCs) and their relationships to other components of a multi-agency coordination system. Discusses effective staffing, organization, and activation practices. Prepares students to set EOC priorities and make necessary operational decisions during EOC activation, incident response, and incident support.

**FEMA 170 - The Mitigation eGrants System: Comprehensive Training (1)**

(formerly FEM 170)

Introduces the Mitigation Electronic Grants (eGrants) Management System, the eligible users thereof, and the varieties of FEMA grant programs supported by the online eGrants application. Orients students to the authorities, functionality, and responsibilities of users in applicant, subapplicant, and FEMA administrative roles within eGrants. Provides instruction on and practice for practical utilization of the administrative, application submission, and monitoring aspects of the system.

**FEMA 171 - Coordinating Information & Resource Sharing for Emergency Management (1)**

(formerly FEM 171)

Orients students to the roles, means, and infrastructure necessary for efficient sharing of informational and physical resources before and during an emergency. Introduces the role of the Public Information Officer (PIO) and the mutual aid and assistance agreement, and explores their benefits and utility. Examines the nature and application of social media platforms, how they differ from traditional media outlets, and how these differences affect the dissemination of information and resources to a PIO's audiences.

**FEMA 174 - Federal Disaster Assistance (1)**

(formerly FEM 174)

Explores the full spectrum of the Points of Distribution (POD) mission during response operations. Introduces students to key Mission Assignment (MA) concepts and provides knowledge needed to carry out MA processing responsibilities. Examines the Public Assistance Program and the process applicants follow to receive grant funding assistance in the aftermath of a disaster.

**FEMA 180 - Planning for Vulnerable Populations (1)**

(formerly FEM 180)

Introduces students to the concepts, methods, and principles of emergency planning for children in disasters. Explores public and private guidance for implementing children's preparedness, response, recovery, and mitigation programs. Examines the unique needs that arise among children as a result of a disaster and/or emergency.

**FEMA 181 - Public-Private Partnerships: Planning, Maintenance, and Special Considerations (1)**

(formerly FEM 181)

Introduces the role, terminology, and core concepts of working with public-private partnerships in the emergency management arena. Discusses the uses of such partnerships in improving overall community planning, response, recovery, and mitigation efforts. Instructs on recommended procedures for identifying, forming, maintaining, and evaluating these partnerships. Explores techniques for adapting and utilizing these principles and partners to improve collaboration on, readiness for, and management of special events in the community.

**FEMA 183 - Public Works Role in Emergency Management (1)**

(formerly FEM 183)

Examines the details of the public works function in emergency management. Designed to help communities improve public works efforts prior to, during, and after disasters. This course is intended to help build local capacity for public works including planning for disasters, developing practices and procedures, conducting damage assessment, and participating in after-action reviews. This course also includes details of how the function of public works is integrated into the overall strategy for responding to disasters and its relationship to other emergency management functions.

**FEMA 184 - Logistics and the Federal Priorities and Allocations System (FPAS) (1)**

(formerly FEM 184)

Provides an overview of the logistics functions and organizational relationships within logistics from a Presidential disaster declaration to close-out of FEMA field offices. It examines how the Federal Priorities and Allocations System (FPAS) supports FEMA's mission and describes how FPAS supports timely delivery of critical materials and services to meet requirements including priority ratings for contracts and orders, placement of rated orders, the roles of FEMA employees in the FPAS process, and how to address FPAS challenges.

**FEMA 186 - Hazard Mitigation and Disaster Workforce Basics (1)**

(formerly FEM 186)

Equips students with the necessary knowledge to understand and communicate to the public the preparedness and prevention approaches that can reduce the impact of disasters. Students will also gain understanding of procedures for federal, state, local and private partners and the supporting role each agency plays in providing prevention and mitigation assistance for earthquakes, floods, hurricanes, tornados, and wildfires.

**FEMA 187 - State, Local, and Tribal Mitigation Planning (1)**

(formerly FEM 187)

Introduces students to the policies, procedures, and planning process that guide mitigation planning efforts at sub-Federal levels. Reviews regulations and standards governing the creating and revision of State, Local, and Tribal mitigation planning documents. Equips students to both develop a mitigation plan at these jurisdictional levels, and to assess the adequacy of existing plans in complying with regulatory requirements.

**FEMA 188 - Critical Infrastructure Protection (1)**

(formerly FEM 188)

Introduces the conceptual foundations of critical infrastructure, its importance, and the process of developing and implementing plans for its protection. Exposes students to Federal guidance and policy, with particular focus on the National Infrastructure Protection Plan (NIPP). Discusses fundamental concepts of risk management. Explores the types of threats critical infrastructure may face, and methods for effectively mitigating or otherwise responding to them.

**FEMA 189 - Preparedness in the Workplace and Community (1)**

(formerly FEM 189)

Introduces basic preparedness concepts and strategies for improving workplace, business and community preparedness. The course provides guidance to students on how to contribute to improve workplace security in addition to best practices for responding to an active shooter situation. The course identifies surveillance activities and the indicators associated with them while outlining prevention steps aimed at identifying, monitoring, and reporting suspicious activities.

**FEMA 191 - Emergency Management & Technical Tools Application (1)**

(formerly FEM 191)

Introduces students to preparedness communication tools to reach all members of their communities during an emergency. Explores how GIS technology can support emergency management, and the Integrated Public Alert and Warning System (IPAWS).

**FEMA 192 - Geospatial Information Systems Specialists (1)**

(formerly FEM 192)

Introduces students to the disaster response role and responsibilities of a Geospatial Information Systems (GIS) Specialist. Explores what types of products need to be produced and what procedures must be followed to ensure that products are produced correctly and in a timely manner.

**FEMA 196 - Preparing for Sheltering and Mass Casualty Incident Needs (1)**

(formerly FEM 196)

Introduces students to recommended practices and resources to prepare for, respond to, and recover from mass casualty incidents and natural disasters.

**FEMA 201 - National Disaster Recovery Framework (NDRF)****Overview (1)**

(formerly FEM 201)

Introduces students to the National Disaster Recovery Framework (NDRF), which provides a systematic approach and national organizing structure for Federal disaster recovery operations. Familiarizes students with key concepts, core principles, and roles and responsibilities of NDRF leadership. Investigates and compares the roles of individual, organizational, and governmental stakeholders in developing a successful disaster recovery effort.

**FEMA 203 - Dams Sector Security Awareness (1)**

(formerly FEM 203)

Explores methods for identifying potential security threats to the nation's dams and levees and indicators of those threats. Includes an overview of protective measures used to reduce and manage risk within the Dams Sector.

**FEMA 205 - Fundamentals of Management and Support Coordination of Federal Disaster Operations (1)**

(formerly FEM 205)

Introduces the Federal Emergency Management Agency (FEMA) and the National Preparedness Goal as guiding elements in development of emergency management policy and practice at all governmental levels and in the community. Familiarizes students with the six main component Frameworks of the National Preparedness System. Explores fundamental incident management knowledge necessary for providing support to disaster operations, including an overview of the FEMA Qualification System (FQS) and its applications.

**FEMA 206 - Substantial Damage Estimation (1)**

(formerly FEM 206)

Guides students through independent installation, setup, and use of FEMA Substantial Damage Estimator (SDE) tool software. Introduces concepts of flood mapping, the damage assessment process, and damage estimation, and how SDE software and other technologies can assist in each. Explores applications of damage assessment on various elements of the National Flood Insurance Program (NFIP) from the perspective of both homeowners and government or insurance officials.

**FEMA 212 - Homeland Security Building Design for Continuity of Operations (1)**

(formerly FEM 212)

Provides guidance to the building sciences community working for public and private institutions, including Continuity of Operations (COOP) planners/managers, building officials, etc. Explores tools to help decision-makers assess the performance of their buildings against terrorist threats and to rank recommendations.

**FEMA 213 - Introduction to Community Emergency Response Teams (1)**

(formerly FEM 213)

Introduces the basic concepts, functions, and characteristics of Community Emergency Response Teams (CERTs), and their roles in all phases of emergency management. Explores CERT composition and interaction with the formal Incident Command System (ICS) structure before and during adverse events. Discusses fundamental concepts of voluntary personnel and resource management at the introductory level. Prepares students for further CERT training and official qualification via advanced coursework offered by their local jurisdiction.

**FEMA 214 - Reconstitution Planning (1)**

(formerly FEM 214)

Provides guidance to Federal Executive Branch departments and agencies for developing Continuity of Operations (COOP) Plans and Programs. Explores the advantages of developing effective and comprehensive reconstitution planning.

**FEMA 216 - The NEMIS Hazard Mitigation Grant Program: Training for All Users (1)**

(formerly FEM 216)

Introduces students to the National Emergency Management Information System (NEMIS) and the knowledge necessary for completion and submission of Hazard Mitigation Grant Program (HMGP) applications. Instructs regarding the database system used to track disaster data for the Federal Emergency Management Agency (FEMA) and assorted grantee emergency management offices. Explores application areas and requirements representing various functions within FEMA, and provides an orientation to the forms and procedures for successfully navigating them.

**FEMA 217 - Flood Insurance Coverage Basics (1)**

(formerly FEM 217)

Introduces students to Increased Cost of Compliance (ICC) coverage concepts as part of the Standard Flood Insurance Policy. Explores the National Flood Insurance Program (NFIP) and covered and non-covered building and personal property items. Examines the unique requirements for insuring condominiums and key characteristics and special adjustment issues for basement coverage.

**FEMA 218 - Flood Insurance: Mapping Concepts and Applications (1)**

(formerly FEM 218)

Introduces students to commercial flood exposures and how they are mapped, recorded, and insured within the National Flood Insurance Program (NFIP). Explores the types of flood maps and insurance studies, and investigates the impact of mapping changes on property owners, insurance agents, lending institutions, and others. Examines the Coastal Barrier Resources System (CBRS) and Otherwise Protected Areas (OPAs) and their impact on NFIP procedures.

**FEMA 219 - Principles of Flood Insurance Elevation (1)**

(formerly FEM 219)

Introduces students to Elevation Certificate (EC) and how EC's help floodplain administrators reduce flood risk. Explores lowest floor elevation for post-FIRM buildings in A or V zones as shown on the FEMA Elevation Certificate. Examines Biggert-Waters Flood Insurance Reform Act of 2012 (BW 12) legislation and the Homeowner Flood Insurance Affordability Act of 2014 (HFIAA).

**FEMA 220 - Fundamentals of Flood Insurance Claims (1)**

(formerly FEM 220)

Introduces students to Commercial Claims procedures covered in the National Flood Insurance Program (NFIP). Explores small and large commercial claims, certification requirements and adjuster authority, the General Property Form, and adjustment standards and requirements. Examines the history and organization of the NFIP, the Standard Flood Insurance Policy (SFIP), and the key terms and concepts that flood claims adjusters must know in order to accurately handle flood claims.

**FEMA 221 - Cultural Competence in Disaster: Before, During, and After (1)**

Cultural Competence  
(formerly FEM 221)

Explores literacy and competency considerations that promote effective engagement of groups diverse in their religious faith, cultural background, or accessibility needs at all stages of emergency response. Examines the history of marginalization experienced by many of these groups and its impacts on effective disaster response. Orients students to the unique needs, etiquette, and relationships involved in outreach to various religious faiths. Analyzes the intersection of religious, cultural, and accessibility needs with socioeconomic and political factors. Discusses the influences of culture and perception on action and their implications for delivering equitable assistance to all disaster victims.

**FEMA 222 - Introduction to Unified Federal Review (UFR) (1)**  
(formerly FEM 222)

Explores the Unified Federal Review (UFR) process and how it supports interagency coordination for Environmental and Historic Preservation (EHP) reviews during disaster recovery. Introduces students to EHP concepts in the UFR process. Examines the requirements of Federal Disaster Recovery Coordinators (FDRC) and Federal Coordinating Officers (FCO) in the UFR process.

**FEMA 224 - Hazard Mitigation Flood Management in Disasters (1)**  
(formerly FEM 224)

Introduces students to the Hazard Management facets of the insurance and floodplain management fields, and offers an orientation regarding their major functional organizations, roles, and activities. Explores the legal basis and documentation for each field and the information sources relied upon by the organizations and responders involved. Provides training in the necessity of, and techniques and best practices for, critical collaboration in and between each field, and opportunities to apply those collaborative skills in practice.

**FEMA 225 - Telecommunicator Emergency Response Taskforce (TERT) Disaster Deployment Training (1)**  
(formerly FEM 225)

Provides basic preparedness training for Telecommunications Emergency Response Taskforce (TERT) personnel to enhance eligibility for and improve efficiency in potential deployment to disaster sites. Explores the mental, physical, and emotional elements of deployment preparedness, emphasizing a holistic, communication-based approach to addressing personal, familial, and situational concerns. Introduces the concept of stress and fatigue as additional challenges inherent to deployment, and details a variety of coping strategies to be used in planning for their mitigation. Orients TERT team leaders to legal authorizations and obligations pre-deployment, their role as inter-team communicators and facilitators, and responsibilities and potential surroundings during deployment scenarios.

**FEMA 226 - Introduction to the Facility Security and Risk Management Process (1)**  
(formerly FEM 226)

Introduces the Interagency Security Council (ISC) and orients students regarding its function, makeup, and authorities. Discusses the steps of the ISC's Risk Management Process (RMP) and examines the impact of each on facility resilience and preparedness. Explores specific practical applications of ISC governance and regulation (including facility security calculation, operation of Facility Security Committees, facility security financing procedures, etc.) and investigates the role each application plays in executing the RMP.

**FEMA 228 - Public Assistance Program: Practical Management Elements (1)**

Introduces necessary hands-on skills and administrative best practices for the development and operation of FEMA Public Assistance (PA) grant applications and awards. Explores the proper recordkeeping through both operation and FEMA Grants Portal software and physical documentation of grant-related activities. Orients students to supplemental resources and funding opportunities available for inclusion in the development of a PA grant, alongside their documentation and eligibility requirements.

**FEMA 229 - Assessing and Responding to Internal Dam Erosion (1)**

Introduces fundamental concepts of dam construction, seepage, erosion mechanics, and both quantitative and qualitative inspection methods. Explores the categories of potential dam failure, their causes, and the formal failure mode risk assessment process. Details the roles and responsibilities of the various stakeholders involved in the integration of a dam's risks with a community's holistic emergency action planning.