

COURSE DESCRIPTIONS 12/04

EM courses that do not have an "IS" number appearing after the title are delivered "live" by States.

(FEMA Independent Study Program courses names appear followed by (IS ***) are on-line courses

The first five courses EM 101-105 must be submitted as follows:

List each course on the registration form, and pay the fee for each, BUT ONLY attach a copy of the FEMA issued PDS certificate.

EM 101 Intro. to Emergency Management (IS-230)

1 credits

Examines the need for an EM system and importance of an Integrated approach to managing Emergencies. ***Required for Professional Development Series (PDS) Certificate***

EM 102 Leadership/Decision Making/Problem Solving (IS 240-241)

1 credit

Exposes students to methods of assessing differences in personal values and interpersonal influence styles, and how to apply situational leadership behaviors in emergency management. Content reinforces existing management skills required for building an EM system. ***Required for PDS Certificate***

EM 103 Communication and Developing Volunteer Resources (IS-242 & 244)

1 credit

Designed to develop skills of emergency managers in public and interpersonal communication. Covers: identification of tasks provided by volunteer organizations, skill definition and specification of qualifications, publicity and recruitment, skills development and maintenance, and motivation strategies. ***Required for PDS Certificate***

EM 104 Emergency Planning (IS-235)

1 credit

Designed for those with responsibility for emergency operations plan development. Course exposes the mechanics needed to develop and update emergency plan and annexes. Participants experience the planning process, action planning techniques and team building for emergency planning.

EM 105 Exercise Design and Evaluation (IS-120 & 130)

2 credits

Provides an opportunity to interact as an exercise design and evaluation team while developing a jurisdictional specific exercise ***Required for PDS Certificate***

EM 106 Intro to Incident Command System (ICS)

2 credits

Designed to meet the needs of responders/managers with responsibilities to use, deploy, and/or function within an ICS system. Addresses need for incident management systems, and ICS guidelines

EM 107 ICS Field Operations/EOC Integrations

1 credit

Helps prepare response and recovery personnel and other responsible emergency services professionals to plan for, respond to, and operate within an ICS/ECC Integrated system. Prereq: EM 106 Intro. Incident Command System.

EM 108 Disaster Recovery Operations

3 credits

Covers concepts, operational procedures and authorities involved in responding to major disasters. Addresses roles and responsibilities of federal, state, and local government in disaster recovery work. Emphasizes inter-government coordination and solutions to problems frequently occur during recovery operations.

EM 109 Public Information Officer

3 credits

Provides skills needed to perform PIO duties, within infrastructure of the National Interagency Incident Management System – Incident Command System (NIMS ICS). Prereq: EM 106 Intro. to Incident Command System

EM 110 Mass Fatalities Incident Planning

3 credits

Prepares response/recovery personnel and other responsible emergency services professionals to plan for, respond to, and recover from a mass fatalities incident dealing with large scale death, survivors, and a possible crime scene. Prerequisite EM 106 Intro to Incident Command System

EM 111 Community Emergency Response Team (CERT) Train-the Trainer

3 credits

Course completion will qualify students to train others in the community to become CERT instructors, and conduct CERT training. Topics include disaster fire suppression and medical operation, "light" search and rescue, CERT organization and management.

EM 112 Emergency Management Skill Builder

2 credits

Assesses information on current/ relevant topics to EM professionals, elected/appointed officials, and volunteer agencies. Provides a forum for EM service personnel to interact/discuss how to better work together in an integrated EM system.

EM 113 NIMS and Federal Workers ICS - Part 1 of III (3 sections) (IS-100, IS-200, IS-700)

1 credit

Introduces National Incident Management System (NIMS), established by Presidential Directive 5.HSPD-5) Covers: purpose, principles, key components and benefits of the nationwide template enabling all government and other agencies to work together during domestic incidents.

EM 113 – NIMS and Federal ICS Workers - part II

Introduces: principles, common terminology, position responsibilities when responding to an event using the ICS, discusses major functions, span of control, major incident facilities, and their individual functions.

EM 113 – part III

Compliments I-100 course for the Federal disaster response workforce to ICS-200 level. A disaster scenario threads throughout course to describe common responsibilities associated with incident assignments from a Federal disaster response workforce perspective.

Students must successfully complete part I, II & III in order to receive 1 credit.

EM 114 – UNDER CONSTRUCTION

EM 115 Hazardous Materials Prevention (IS-340)

1 credit

Provides the assistance and confidence needed to effectively plan for and respond to Hazardous Materials Incidents (HMI), through sound emergency planning, with the highest level of safety for response personnel within jurisdictions.

EM 120 Emergency Program Manager (IS-001)

1 credit

Provides new hires in EM field with an overview of roles/responsibilities of EM at local level. Discusses four phases of EM mitigation, preparedness, response, recovery, relationship and roles of the state, and Federal Emergency Management (FEMA) programs.

EM 121 Emergency Preparedness (IS-002) or (IS-022 – Are you Ready?)

1 credit

Covers self-sufficiency in disasters, availability of additional education and disaster preparation for those interested in preventing loss of life and property from any kind of emergency.

EM 122 Radiological Emergency Management (IS-003)

1 credit

Provides an overview of several types of radiological emergencies: radiological transportation accidents, nuclear power plant accidents, nuclear terrorism threat, and other radiological hazards. Covers nature, degree of hazard, and general strategies.

EM 123 Hazardous Materials: Citizen's Orientation (IS-005)

1 credit

Provides a general introduction to hazardous materials that can serve as a foundation for more specific research. Covers protecting health and contributing to the community.

EM 124 Building for Earthquakes of Tomorrow (IS-008)

1 credit

Provides tools to comply with (EO) #12699 providing tools, information and planning guidance to deal with and prepare for earthquakes. Discusses aspects of earthquake planning, seismic provisions in building codes, and mitigation activities.

EM 125 Orientation to Community Disaster (IS-120)

1 credit

Provides an opportunity to learn about community disaster exercises and introduce skills required to successfully design exercises that test a communities disaster response capabilities.

EM 126 EM Operations Commanders Role/Community (IS-275)

1 credit

Goal of course is to provide identified individuals with the skills and knowledge needed to perform their jobs and effectively operate an EOC.

EM 127 Emergency Response to Terrorism (Q534/NFA)

1 credit

Introduces terrorism, and an overview of potential threats. Identifies incidents, indicators, information on self-protection, scene control, notification and coordination procedures.

EM 128 Citizen's Guide to Disaster Assistance (IS-007)

1 credit

Discusses issues related to recovery following disasters and the importance of pre-disaster preparedness. Provides basic understanding of disaster assistance, and an overview of current federal programs available to assist in disaster recovery.

EM 130 ICS: Logistics

2 credits

Overview of Logistics function, including: information on duties, and responsibilities of each position. Covers exercises dealing with facilities need, communications, food, supply, ground support, and medical support to major emergencies. Prereq. EM 106 Introduction to Incident Command Systems (ICS)

EM 131 ICS: Planning

2 credits

Overview of NIIMS planning function including: exercises dealing with the need for resource tracking, situation analysis and mapping, documentation, demobilization, and the management of technical support to major emergencies. Prerequisite: EM 106 Introduction to Incident Command System

EM 132 ICS: Operations

2 credits

Covers supervision of tactical resources, coordination of inter-disciplinary responses from the Operations perspective, and the relationship of command to operations on major emergencies under the guidelines of NIIMS. Prerequisite: EM 106 Intro to Incident Command System

EM 133 Public Officials Update

1 credit

Provides a forum on a variety of current and up-to-date information for all emergency service personnel to interact and discuss how to better work together in an integrated emergency management system.

EM 134 Public Policy in Emergency Management (EM)

1 credit

Heightens awareness of public policy issues inherent in EM including: public policy analysis, executive roles, hazard evaluation, establishing public policy and media relations, roles of safety directors, budget officers, emergency managers and other personnel with similar responsibilities.

EM 135 Hazardous Materials Awareness & Operations

2 credits

Presents overview of Haz. Mat. awareness including: detecting materials presence, protective clothing, equipment, materials control, identification, field decontamination, and risk assessment for individuals (first responders) likely to witness or discover a hazardous substance release.

EM 136 Hazardous Materials Contingency Planning

3 credits

Addresses revision of Haz. Mat. contingency plans/education. Designed to aid planners in revising existing Haz. Mat. contingency plans, and conducting activities to maintain community awareness about the planning process.

EM 137 Hazardous Materials Mitigation (HM) Conference

2 credits

Overview of (HM) planning, activities and requirements, understanding of mitigation resource programs, and reviews of hazard insurance programs. Discusses building disaster resistant communities under the designation of "project impact".

EM 138 Managing Search Operations

4 credits

Focuses on effective search management, philosophy, concepts, resources and vulnerability assessment. Allows students to perform actions needed to effectively manage a search and rescue SAR mission.

EM 139 Military Support to Civilian Authorities (MSCA)

3 credits

Covers: military support response in disaster operations, managing mass casualties, terrorism, WMD, legal issues, public affairs, urban search/rescue. Presents effective methods for interagency planning/response to natural/man-made disasters to civilian authorities/military leaders.

EM 140 Debris Management

3 credits

Provides an overview of issues/recommended actions required to plan for, respond to, and recover a major debris-generating event with emphasis on local and state level responsibilities at all levels.

EM 141 ICS: Safety Officer

2 credits

Designed to meet the needs of responders and managers with the responsibility to ensure incident safety during emergencies. Prerequisite: EM 106 Intro. to Incident Command System

EM 142 ICS: Commander

2 credits

Designed to meet the needs of multi-disciplines responders and managers from all levels of government/private industry who have been identified as having a potential role as an Incident Commander. Prerequisite: EM 106 Introduction to Incident Command System

EM 143 Post - Earthquake Safety Evaluation

1 credit

Presents procedures and guidelines for post earthquake safety and building evaluation. Includes procedures for inspecting buildings and posting them as "inspected" (apparently safe), "limited entry" or "unsafe."

EM 144 Emergency Management Amateur Radio

1 credit

Discusses roles/responsibilities of AREA/RACES Program in Oregon, utilization of ARES/RACES by local and state government, local and state government expectations, and a general overview of the Incident Command System (ICS).

EM 145 ICS: Finance

2 credits

Overview of Finance Function, with detailed information on duties /responsibilities of each position. Designed to meet responders/ managers needs to fill positions within the National Interagency Incident Management System (NIIMS) ICS organization. Prerequisite: EM 106 Introduction to Incident Command System (ICS).

EM 146 ICS: Applications and Management

4 credits

Overview of Incident Command System need and overview. Provides information, live exercises in ICS Commander functions, Operations, Logistics, and Planning. Focused on ICS application and resource information for setting up and implementing ICS within departments.

EM 147 Exercise Control and Simulation

1 credit

Designed to be a flexible training package to assist federal, state, and local personnel in implementing their roles/responsibilities in designing, developing, and implementing an exercise control organization and control plan for federal, state, and local exercises.

EM 148 Exercise Program Manager

2 credits

Identifies advantages and disadvantages of three major types of exercises: tabletop, functional and full-scale. Discusses use of FEMA's CEP model. Work products developed during course can be used by the EPM to develop or upgrade his/her existing exercise program.

EM 149 Managing People in Disasters

2 credits

Designed to assist emergency managers and disaster field staff develop a management style and leadership skills for effectively utilizing personnel in the delivery of community services during disaster operations.

EM 150 Retrofitting Flood-Prone Residential Structures (IS-279)

1 credit

This course provides the essential, non-technical information about retrofitting existing flood-prone residential structures in compliance with applicable flood plane regulations.

EM 151 Radiological Emergency Response (IS-301)

1 credit

Provides and educational experience in which to demonstrate comprehensive understanding of radiological protection and response principles, guidelines and regulations through a cycle of text, stimulus, response and reinforcement of correct responses.

EM 152 Refresher - Radiological Monitors (IS-330)

1 credit

Provides individuals with a review of: the concepts, information, and skills necessary to perform the responsibilities of the radiological monitor in the local radiological protection system. (IS-330)

EM 153 Refresher - Radiological Response Teams (IS-336)

1 credit

Identifies characteristics of CVD series of radiological instruments. Discuss effects of distance from a radiation source on amount of radiation detected, and areas of human body most likely to receive radioactive contamination.

EM 154 Orientation Haz. Mat for Medical Personnel (IS-346)

1 credit

Fall/Winter/Spring/Summer

1 class hour/week

Prerequisite course for hospital Emergency Department Management of Radiation and other Hazardous Materials Accidents course. Provides a general understanding of the terms and concepts related to hazardous materials and radiation.

EM 155 Intro. to Mitigation (IS-393)

1 credit

Defines principles, purposes and priorities of mitigation. Outlines mitigation planning conditions and provides an introduction to those who are new to emergency management and/or mitigation.

EM 156 Animals in Disaster, Awareness/Preparedness (IS-010)

1 credit

Discusses consideration of animals in disasters and defines the four phases of care for pets, livestock, and horses in disasters. Covers: safe transport, communication, and obtaining medical assistance for livestock and horses in a disaster

EM 157 Animals in Disaster, Community Planning (IS-011)

1 credit

Module B: Community Planning. Covers: disaster preparedness through planning, collaboration, analysis of risks affecting animals and owners, organizing responses to a disaster, and recovering from a disaster. Developing community support for disaster preparedness plan involving animals

EM 158 ICS: Incident Command System (IS-195)

1 credit

Introduces the concepts and principles of ICS. Covers the five ICS functions and the duties within each function, and types of resources encountered at incidents and describes how/why resources are managed.

EM 159 Donations Management

1 credit

Describes the national Donations Strategy, donations management process, and identifies Donations Coordination Team Covers: List planning, operations considerations, and identifies the need for a State annex. Discuss unique donations management issues. (G-288)

EM 160 Role of Voluntary Agencies in Emergency Management (IS-288)

1 credit

Fall/Winter/Spring/Summer

1 class hour/week

Covers historical milestones, describe the entities (ie: National Voluntary Orgs active in Disaster, the Donations Coordination Team) that foster government/voluntary agency coordination throughout the emergency management cycle.

EM 161 Mitigation for Homeowners (IS-394)

1 credit

Explains rationale for mitigation, identifies the natural hazards affecting communities, and ways of reducing their degree of vulnerability. Determines types of mitigation actions and their use.

EM 162 Professionals in Emergency Management (IS-513)

1 credit

Overview of Federal Emergency Management Agency (FEMA) role including the Stafford Act, and government response to a disaster declaration. Covers: Disaster assistance programs, planning and identification of various community hazards.

EM 163 FEMA Public Assistance Project (IS-600)

1 credit

Provides information needed to address special considerations issues affecting the scope of work/funding of FEMA Public Assistance projects. Includes: insurance, hazards mitigation, environmental considerations and historical considerations.

EM 164 Community Hurricane Preparedness (IS-324)

1 credit

Provides basic information on hurricane formation, hazards posed, and how National Weather Service (NWS) forecasts future hurricane behavior, tools and guiding principles to aide in community preparation.

EM 165 COBRA/WMD Incident Command

3 credits

Introduction into conducting a terrorism vulnerability and risk assessment. Establishes: pre-incident planning methodology; coordinating a pre-incident planning group; and developing an incident response plan. Takes an in-depth look at international/domestic terrorism and threats.

EM 166 COBRA/WMD Responder (TERT)

3 credits

Explores international/domestic terrorism including advanced levels of chemical and toxicological terms associated with industrial; military chemical warfare weapons. Examines biological and toxicological terms associated with biological agents; radiological, and nuclear, materials.

EM 167 COBRA/WMD Hazardous Materials (HM) Technician

1 credit

This course provides State Certified HM Technicians with an in-depth view of international/domestic terrorism threats posed to the U.S.A. in the future, examining advanced chemical toxicology associated with industrial, military, chemical, biological warfare, nuclear and radiological materials. .

EM 168 COBRA/WMD – DOJ Incident Command

1 credit

Introduction to WMD threats; chemical, biological, radiological and nuclear and the toxicology associated with these incidents. Incident analysis, action planning, tactical decision making, and the role of the local state/federal response plans will be examined.

EM 169 Domestic Terrorism Preparedness (MWD Awareness/Operations)

1 credit

Provides understanding of hazards faced by emergency responders to WMD incident. Examines basic control and/or containment techniques; identification/ confinement operations; risk/hazard assessment; decontamination techniques; dealing with the media; and unique differences/considerations

EM 170 Special Events Contingency Planning (IS-015)

1 credit

Addresses planning/preparing for various contingencies involving special events that may attract large crowds and require supplemental public safety resources. The course imparts necessary information and skills needed to plan for a special event.

EM 171 Introduction to Residential Coastal Construction (IS-386)

1 credit

Introduces basic information on residential coastal construction in an effort to ensure residential structures built along coastal or lakeshore waters are well sited, designed and constructed

EM 172 Hazardous Weather/Community Risks (IS-271)

1 credit

Examines recognition of potentially hazardous weather and flooding situations and affects on communities. Presents ways to encourage/promote the creation of weather partnerships; and familiarization with National Weather Service (NWS) products, use and forecast interpretation.

EM 173 Public Assistance Process(PA) (IS-630)

1 credit

Presents an overview of FEMA's PA process. Examines eligibility, project formulation, validation, and roles of various project administration personnel. Provides tools for beginning and administering a project.

EM 174 Disaster Related Needs/Seniors/Disabled

1 credit

Defines key terms related to disability / accessibility, and reasons for special SPD planning. Provides examples of unique needs and considerations including the Advantages and disadvantages of sheltering options for medically involved persons.

EM 175 RAPID Assessment

1 credit

Provides RAPID Assessment Coordinators and others with tools to facilitate planning/implementing rapid assessment procedures. Imparts skills needed to collect /report disaster intelligence immediately following an event and procedures/forms needed to conduct RAPID Assessment. (G250.7)

EM 176 EOC Management/Operations

2 credits

Designed using a performance-based approach emphasizing transferable activities to the job – financing, organizing and staffing an EOC operation, and creating standard operating procedures. (G276)

EM 177 Resource Management (RM)

1 credit

Describes RM functions in EOC/EM system. Covers RM system implementation tools for emergencies, developing SOP's using job aids, determines resources needed to: manage jurisdiction's disaster, identify procurement sources and establish procurement and acquisition arrangements. (G276)

EM 178 Flood Fight Operations

1 credit

Provides information on: riverine flooding, flash floods, flooding related to ice jams or packs, and floods on alluvial fans. Explains differences between a topographic map and a flood insurance rate map (G361)

EM 179 Multi-hazard Safety Program for Schools (G 362)

1 credit

Discusses legal requirements for schools in all types of disasters, natural and technological. Addresses structural safety of school buildings before and following a disaster including hazards affecting the school neighborhood and community (G362)

EM 180 Disaster Response Planning for Seniors

1 credit

The purpose of this course is to educate professionals who provide social services to seniors and people with disabilities about the responsibility to develop a plan of disaster preparedness. (G391)

EM 181 Mitigation for Emergency Managers (G-393)

2 credit

Provides information to identify and monitor hazard risks, and opportunities to mitigate hazardous conditions. Apply basic principles of mitigation and team building to post-disaster recovery requirements (G-393)

EM 182 Fundamentals Radiological Emergency Response (G-230)

2 credits

Designed to meet Operations Level Competency for first responders and hazardous materials teams encountering or called to manage radiological incidents Covers: support planning, emergency response, and recovery activities in the event of a radiological incident. (G-320)

EM 183 Hazardous Weather and Flooding Preparedness

1 credit

Designed to impart skills to analyze hydrometeorological information to make better preparedness and response decisions in diminishing the impact of hazardous weather events. (G271)

EM 184 Hurricane Planning

2 credits

Provides methods/techniques for using the latest information from Hurricane Evacuation studies and other sources in planning response operations before and after a hurricane. Designed to assist State/local planners responsible for developing/revising emergency operations plans/procedures. (G-360)

EM 185 Instructional Delivery Skills

2 credits

Designed to prepare the participant to assist with State-delivered training courses and prepare to use and present course material. Covers preparation, presentation, and evaluation skills, how to incorporate the needs of training participants into instructional delivery presentation. (G-265)

EM 186 Interagency Hazard Mitigation

3 credits

Designed to provide Interagency Hazard Mitigation Team (IHMT) members with practical knowledge of the range of mitigation activities in which they may be involved and the knowledge and skills necessary to accomplish them. (G-379)

EM 187 Public Assistance Program Applicant Process (PA process)

1 credit

Overview of roles/responsibilities of potential applicants participating in (FEMA's) (PA) program. Explains key events in PA process and identifies elements/process for small project validation and list the factors involved in project closeout and audits. (G-203)

EM 188 Grant Writing **

3 credits

Discusses grant proposal writing within the confines of an accepted 7-step process. Covers seeking grand funding sources, applications, developing and writing grant proposals, using the Catalog of Federal Domestic Assistance (CFDA) Louisiana participants only

EM 189 Disaster Basics (IS-292)

1 credit

Describes Stafford Act and declaration process governing FEMA's disaster operations, and explains response operations execution through mission assignments to other Federal agencies. Addresses life safety and other human needs and protect property and public health.

EM 190 State Disaster Management (IS-208)

1 credit

State disaster management is complex, requiring that State staff members have accurate information on the Federal programs available and work with Federal counterparts in the management of those programs. Course provides students with fundamental information on the disaster assistance process and disaster assistance programs.

EM 191 Livestock in Disaster (IS-111)

1 credit

This is an introductory course designed to increase awareness of what livestock producers, emergency managers, veterinarians, extension agents, and others can do to prevent and reduce the consequences of disasters.

EM 192 Building Partnerships with Tribal Governments (IS-650)

1 credit

Focuses on tribal history, culture, and development of good working relationships with tribal communities. Specific emphasis is placed on unique program challenges individuals may encounter when working with tribal governments to provide financial and technical assistance through disaster programs

EM 193 Property Acquisition for Local Communities (IS-012)

1 credit

Describes process to apply for FEMA funds for property acquisition, identifies steps in actual acquisition, and discussed appropriate mitigation alternatives for communities.

EM 194 Introduction to Radiological Emergency Preparedness (IS-331)

1 credit

Designed to provide understanding of FEMA's Radiological Emergency Preparedness (REP) planning and preparedness procedures. Provide REP foundational concepts. Describes evaluator's responsibilities before, during and after an exercise and identifies the six evaluation areas to be examined during an exercise

EM 195 Coordinating Environmental and Historic Compliance (IS-253)

1 credit

Describes: purpose of environmental/historic preservation review in disaster operations, environmental assessments (EAs) and environmental impact statements (EISs), and explains when each is required.

EM 196 Introduction to Community Emergency Response Teams (IS-317)

1 credit

Explains principles and guidelines for CERT activities. Provides foundational concepts for key CERT operations and basic information and skills needed to become a citizen responder in the community.

EM 197 Multi-Hazard Emergency Planning for Schools (IS-362)

1 credit

Provides basic information and tools needed to develop an effective Emergency Operations Plan for the wide array of potential emergencies schools may face. Describe EM operations, roles, and duties. and assessing potential hazards schools may face. Explains development and testing an EM plan addressing potential hazards.

EM 280 Cooperative Work Experience (CWE)–Emergency Management

6 credits

The CWE course is designed to put principles and practices of the emergency management community into work through the development of a program paper addressing an identified problem in the emergency management field, developing new strategies for emergency services programs; or other related items. Students may work on projects from their jobs as part of the cooperative work experience class. Project proposals and credit hours are negotiated in advance with the advisor. (*Consent of EM Dept. Chair required dicka@clackamas.edu*)

12/20/04

L:\USER\DICK\CJDEPT\EMANG\EMCour
sedescrpt.doc