Emergency Management Specialists

- Growth: 28.2%
- Annual Job Openings: 2,000
- Annual Earnings: $45,090
- Percentage of Women: 56.6%

Related Apprenticeship

Production Controller

Coordinate disaster response or crisis management activities, provide disaster preparedness training, and prepare emergency plans and procedures for natural (e.g., hurricanes, floods, earthquakes), wartime, or technological (e.g., nuclear power plant emergencies, hazardous materials spills) disasters or hostage situations. Keep informed of activities or changes that could affect the likelihood of an emergency, as well as those that could affect response efforts and details of plan implementation. Keep informed of federal, state, and local regulations affecting emergency plans and ensure that plans adhere to these regulations. Maintain and update all resource materials associated with emergency preparedness plans. Prepare emergency situation status reports that describe response and recovery efforts, needs, and preliminary damage assessments. Prepare plans that outline operating procedures to be used in response to disasters/emergencies such as hurricanes, nuclear accidents, and terrorist attacks and in recovery from these events. Propose alteration of emergency response procedures based on regulatory changes, technological changes, or knowledge gained from outcomes of previous emergency situations. Review emergency plans of individual organizations such as medical facilities in order to ensure their adequacy. Study emergency plans used elsewhere in order to gather information for plan development. Apply for federal funding for emergency management–related needs; administer such grants and report on their progress. Attend meetings, conferences, and workshops related to emergency management in order to learn new information and to develop working relationships with other emergency management specialists. Develop and implement training procedures and strategies for radiological protection, detection, and decontamination. Develop instructional materials for the public and make presentations to citizens’ groups in order to provide information on emergency plans and their implementation process. Inventory and distribute nuclear, biological, and chemical detection and contamination equipment, providing instruction in its maintenance and use. Provide communities with assistance in applying for federal funding for emergency management facilities, radiological instrumentation, and other related items. Train local groups in the preparation of long-term plans that are compatible with federal and state plans.

SKILLS—No data available.

Emergency Medical Technicians and Paramedics

Growth: 33.1%
Annual Job Openings: 32,000
Annual Earnings: $24,440
Percentage of Women: 32.1%

Related Apprenticeship Years

- Paramedic: 2 years
- Emergency Medical Technician: 3 years

Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities. Administer first-aid treatment and life-support care to sick or injured persons in prehospital setting. Operate equipment such as EKGs, external defibrillators, and bag-valve mask resuscitators in advanced life-support environments. Assess nature and extent of illness or injury to establish and prioritize medical procedures. Maintain vehicles and medical and communication equipment and replenish first-aid equipment and supplies. Observe, record, and report to physician the patient’s condition or injury, the treatment provided, and reactions to drugs and treatment. Perform emergency diagnostic and treatment procedures, such as stomach suction, airway management, and heart monitoring, during ambulance ride. Administer drugs, orally or by injection, and perform intravenous procedures under a physician’s direction. Comfort and reassure patients. Coordinate work with other emergency medical team members and police and fire department personnel. Communicate with dispatchers and treatment center personnel to provide information about situation, to arrange reception of victims, and to receive instructions for further treatment. Immobilize patient for placement on stretcher and ambulance transport, using backboard or other spinal immobilization device. Decontaminate ambulance interior following treatment of patient with infectious disease and report case to proper authorities. Drive mobile intensive care unit to specified location, following instructions from emergency medical dispatcher. Coordinate with treatment center personnel to obtain patients’ vital statistics and medical history, to determine the circumstances of the emergency, and to administer emergency treatment. SKILLS—Equipment Maintenance; Service Orientation; Social Perceptiveness; Instructing; Coordination; Negotiation; Persuasion; Critical Thinking.

GOE—Interest Area: 04. Law, Law Enforcement, and Public Safety. Work Group: 04.04 Public Safety. Other Apprenticeable Jobs in This Work Group: Fire Inspectors; Forest Fire Fighters; Government Property Inspectors and Investigators; Municipal Fire Fighters; Nuclear Monitoring Technicians; Occupational Health and Safety Specialists. PERSONALITY TYPE: Social. Social occupations frequently involve working with others and dealing with groups of people. These occupations usually require extensive levels of social interaction. Examples include sales, customer service, or healthcare professions.