

EMERGENCY MANAGEMENT (EMER)

EMER 1000 - Fundamentals of Emergency Management (3 Credits)

This course provides information that enables persons entering the profession or expanding their roles to function effectively with a broad array of emergency management issues. The primary purpose is to provide an overview of the characteristics, functions, resources and capabilities of an integrated system and various emergency management services (EMA, fire, police / security, EMS, health care providers, etc.) work together effectively. Emphasis is placed on how this system is applied to all government levels, across the four phases and all functions of emergency management. It includes the role of national, regional and local services in a variety of disasters. This course is intended for a broad audience including personnel in public safety, emergency management, health care facilities, and others having an interest in gaining a working knowledge of preparedness.

Lecture: 3 hours

EMER 1010 - Understanding and Responding to Terrorism (3 Credits)

This course provides the students with an understanding of defining terrorism. Students will learn about its origins and the development of using terror to influence public policy decisions. The history and changing nature of terrorist organizations will also be presented. Terrorist groups and structure will be discussed. Individual and community awareness of, preparing and responding to terrorist acts are presented. This course is intended for anyone interested in learning more about terrorism.

Lecture: 3 hours

EMER 1020 - Bioterrorism and Public Health Emergencies (3 Credits)

This course will focus on both naturally occurring disease outbreak and bioterrorist events of the past and the implications of these events for the future. Key elements of emergency disaster planning will include surveillance, mass immunization and public information campaigns. This course could be beneficial to any student in the health science programs.

Lecture: 3 hours

EMER 1030 - Disaster Response Operations and Management (3 Credits)

This course focuses on the principles that promote effective disaster response operations and management. The nature of disasters, the context of U.S. response operations and the roles and responsibilities of various emergency management related organizations are examined. Myths and realities of human behavior in catastrophic events as well as divergent approaches to disaster response operations (e.g. command and control vs. networking / problem solving) are reviewed. The importance of providing an effective response for the affected population is discussed. This course also examines specific functions relating to flood, hazardous materials and terrorist incidents. Various problems associated with response operations are identified. Incident Command Systems and their interaction with emergency operations center are emphasized. The role of technology and mutual aid agreements are discussed.

Lecture: 3 hours

Prerequisite(s): EMER 1000

EMER 1040 - Managing the Psychological Impact of Terrorism and Disasters (3 Credits)

This course provides a broad overview of the causes, interventions and treatments of psychological trauma in the civilian and emergency response population. The causes looked at include, natural disasters, terrorist attacks and mass casualty or mass fatality incidents. The interventions and treatments are illustrated for the student, for both the short and long-term recovery of the victims of this trauma, using real life incidents.

Lecture: 3 hours

Prerequisite(s): ENGL 2100 or ENGL 1010 or ENGL 1010A

EMER 1050 - Disaster Training and Exercise Management (3 Credits)

This course is designed to provide the student with the understanding of the training and exercise requirements of Emergency Management. It will include how training and exercising plays a critical role in preparing a community or company for a disaster. Students will develop an Exercise Program and test part of that program with an actual exercise. The students will then develop an improvement plan from the lessons learned from that exercises. This course is intended for a person who would have an active role in emergency preparedness for an organization.

Lecture: 3 hours

**EMER 2010 - Disaster Resource Management
(3 Credits)**

This course is designed to provide the student with an understanding of resource management in the context of emergency management. Coordinating of resources before, during and after a disaster is critical to alleviate pain and suffering of the victims of disaster. This course will provide the student with the skills needed to identify and manage those resources effectively. Students will examine the elements comprising incident logistics and how those elements integrate into the overall incident response and recovery process.

Lecture: 3 hours

Prerequisite(s): EMER 1000

**EMER 2020 - Emergency Planning
(3 Credits)**

This course is designed to provide the student with an understanding of emergency planning in the world of emergency management. The Emergency Manager is tasked with the responsibility of developing Emergency Plans for the community or organization they represent. These plans may make the difference in saving lives and alleviate pain and suffering from a disaster. This course will provide the student with the skills needed to develop those plans effectively. This course is intended for a student who may become actively involved in emergency planning or work within a plan in the emergency management setting.

Lecture: 3 hours

Prerequisite(s): EMER 1000

**EMER 2030 - Professional Development in Emergency Management
(3 Credits)**

This course is designed to allow the student in the emergency management program to take the skills that they have acquired in the program and mesh them with the skills they learn in this course; Emergency Communication, Problem Solving, Decision Making and Leadership. This course will prepare the student to enter into the emergency management field or pursue a higher degree.

Lecture: 3 hours

Prerequisite(s): EMER 1000

**EMER 2500 - Practicum in Emergency Management
(3 Credits)**

The practicum in Emergency Management provides the student with an opportunity to use the knowledge they have learned in the program and put it into practical use in the field of emergency management. By placing the student at an internship site that works in the various types of disaster preparedness and response, the student will be provided with real life experience.

Lecture: 1 hour, Lab: 6 hours

Prerequisite(s): EMER 1000 and EMER 1030 and EMER 2010 and EMER 2020