

EMER - EMERGENCY MANAGEMENT AND PLANNING

EMER 105 Incident Management

This course is designed to provide the student with an overview of the Incident Command-Unified Command Structure. Additionally, a look at incident management from various perspectives such as local fire departments, industrial settings, the Oklahoma City bombing, and others will be discussed. The student will work in an interactive program to prepare for future roles and responsibilities as those charged with a management role in incident command, control or mitigation. Moreover, the student will learn from the experiences of others, sharpening their understanding and skills relative to the dimensions of emergency incident management.

Upon successful completion of this course, students should be able to:

Define the terms and regulatory framework of incident management.

Identify the roles and responsibilities associated with incident management.

Differentiate between Incident Command and Unified Command.

Recognize the need for, and the role of, various functionaries in the incident management system.

Define the terms "teamwork" and "cooperation" in incident management.

Identify the consequences of a poor or ineffective incident management structure.

Recognize the need for, and use of, incident management.

Describe how incident management is applied in various emergencies.

Prerequisite: NONE New students should complete Placement Testing prior to registration. Visiting students may submit college transcript.

3 Credits3 Weekly Lecture Hours

EMER 110 Emergency Planning

This course will introduce the student to the concepts of Emergency and Crisis Planning. The course provides an overview of the entire concept of planning as an activity to anticipate, prevent, prepare for, respond to and recover from any incident. Through a dynamic process, the course will break down the planning process into understandable parts such as hazard analysis, resource assessment, plan development, coordination with others, and plan implementation training and education. In addition, the student will work in an interactive program to establish a planning process for their company or municipality. The student will learn from the experiences and circumstances of others while sharpening their understanding and skills relative to the dimensions of Emergency Planning and Management.

Upon successful completion of this course, students should be able to:

Define the terms and regulatory framework of emergency planning.

Identify the roles and responsibilities associated with the planning process.

Differentiate between "Emergency Planning" and "Emergency Management".

Recognize the need for Emergency Planning and the role of various functionaries in the process.

Define the terms "teamwork" and "cooperation" in emergency planning.

Identify the pitfalls of a poor or ineffective emergency planning system.

Recognize the need for, and the use of, emergency planning.

Describe how emergency planning affects emergency preparedness, response and recovery.

Prerequisite: NONE New students should complete Placement Testing prior to registration. Visiting students may submit college transcript.

3 Credits2 Weekly Lecture Hours

2 Weekly Lab Hours

EMER 120 Leadership and Influence

This course will provide the student with an overview of the theories and concepts of leadership development. The course will examine leadership from a value (core values) approach, systems (chain of command) approach, a functional approach, and a skills approach (motivation, supervision, and communications). In addition, the student will study the process approach by looking at leadership as a process of influencing an organization/group to achieve goals.

Upon successful completion of this course, students should be able to:

Define the terms "leadership" and "influence" relative to emergency response.

Identify the roles and responsibilities associated with leadership.

Differentiate between leadership and ego.

Identify the need for, and the role of, leadership in the incident management system.

Define the terms "teamwork" and "cooperation" relative to leadership and influence in emergency response.

Identify the consequences of poor or ineffective leadership in an emergency.

Recognize what it takes to be influential and the need for influence in certain circumstances.

Describe how leadership can influence people, their response to activities, their safety and their future leadership styles.

Prerequisite: EMER 105 or EMS 204.

3 Credits2 Weekly Lecture Hours

1 Weekly Lab Hour

EMER 130 Search and Rescue

This course will provide the student with the knowledge concerning the general responsibilities, skills, abilities and the equipment needed by those involved in search and rescue efforts. The course also provides the student with practical exercises and search missions where they are required to utilize the proper equipment. The contents of the course include topics in three major areas: survival, support, and search and rescue. Additionally, the student is provided with an excellent opportunity to discuss and investigate the role of search and rescue in relation to incident management as well as the roles and responsibilities of search and rescue leaders. Students will learn from the experiences of others to sharpen their understanding and skills relative to search and rescue.

Upon successful completion of this course, students should be able to:

Define the components of search and rescue operations and resources.

List the major responsibilities for search and rescue.

Describe the components of Incident Command System (ICS) and their functions.

Differentiate between at least three types of maps used in search and rescue.

Identify the use of topographical maps.

Define the plotting methods or grid systems.

Describe the parts of the compass.

Utilize a compass.

Define the six crucial steps in search and rescue management.

Differentiate between the two basic categories of search tactics (Passive and Active).

Describe the primary types of active search tactics.

Describe the techniques and methods used by searchers.

List searching or tactical skills needed by field searchers.

Explain why knowledge of lost person behavior can be an advantage to the searcher.

Prerequisite: EMER 105 or EMS 204.

3 Credits2 Weekly Lecture Hours

2 Weekly Lab Hours

EMER 140 Emergency Management Seminar

This course will provide the student with a forum for discussion of the basic need for emergency management, emergency planning and incident management. This course will also overview the roles and responsibilities of the Incident Safety Officer in preparation for a series of response drills to implement student knowledge in these areas. In addition, a functional exercise will be conducted to test the course outcomes and competencies.

Upon successful completion of this course, students should be able to:

Understand the application of the various roles and responsibilities in incident management.

Identify the roles and responsibilities associated with incident management.

Identify the difference between Incident Command and Unified Command.

Define the roles of various functionaries in the incident management system.

Define the terms "teamwork" and "cooperation" in incident management.

Evaluate hazards and risks associated with emergency response operations.

Correct hazardous conditions associated with emergency response operations.

Identify and correct unsafe acts that are observed during functional exercises as they apply to recognized standards provided by fire, police, medical and hazardous material regulations.

Develop a plan of action to reduce or alleviate hazards.

Implement a plan of action to reduce or alleviate hazards.

Prerequisite: EMER 105 or EMS 204.

1 Credit 1 Weekly Lecture Hour

EMER 199 Emergency Management and Planning Internship (3 credit)

The Emergency Management & Planning College-Sponsored Experiential Learning (CSEL) Internship is designed to integrate on-the-job learning experiences in conjunction with classroom studies in the field of emergency management and planning. These experiences are structured either to prepare the student for a specific occupation in the various management branches of emergency services or to allow the student to explore career options in various emergency services management and planning roles. Students in the EMER CSEL internship program gain college credit and are graded for their learning/work experience by the appropriate faculty. Students participating in this 180-hour internship will earn three (3) college credits for this experience. Upon successful completion of this hands-on work experience, the student should be able to satisfy instructionally selected course competencies listed.

Upon successful completion of this course, students should be able to:

Explain three program related concepts that have been applied during the (CSEL) Internship.

Describe the ways that various technology was utilized during in the work experience.

Analyze the culture of the host organization.

Analyze an operational process that was utilized within the work experience.

Demonstrate how assigned tasks depend on successful communication.

Describe how time and activity are managed to meet work-imposed deadlines.

Describe an instance where problem-solving skills were needed to analyze a situation in the work experience.

Demonstrate specifically how job-related competence in emergency management has improved.

Formulate a self-assessment for career growth and personal satisfaction as it relates to emergency management and planning.

Satisfy the competencies of the chosen CSEL placement that were developed in consultation with the CSEL instructor.

Work closely with a faculty mentor within the EMER major to complete a project which articulates how the experience helps the student achieve program outcomes.

3 Credits