

Southeast Missouri State University

Department of: Biology/Environmental Science

BI/EV 447/647

Fundamentals of Disaster/Emergency Management and Planning

New Fall 2013

I. Course Description and Credit Hours

This course concentrates on pre-emergency fundamentals critical in emergency management and disaster relief systems including mitigation, planning, and critical processes. The course covers issues associated with emergency planning up to the point that the emergency occurred and a discussion of the principles of sound response, coordinated relief, and orderly recovery. Three lecture. (3)

II. Prerequisites for the Course

Junior or graduate student standing, BI/EV 454/654 Risk Assessment, or permission of instructor.

III. Purpose or Objectives of the Course

Students who successfully complete this course should exhibit the following skills and knowledge:

1. Demonstrate an understanding of the evolution and nature of disaster policy, including legal foundations, and the practice of emergency management in the U.S. and internationally.
2. Demonstrate an understanding of the roles of various levels of government, nonprofit agencies, the private sector, and civil society in emergency management.
3. Describe the core principles of emergency management and identify how they define practice.
4. Recognize how the profession of emergency management defines itself.
5. Evaluate how lessons learned from past disasters have become general principles to guide future action.
6. Assess the ethical foundation of emergency management practice.
7. Identify the major principles of emergency management from case studies and other accounts of disaster operations.
8. Explain major policy and organizational issues in emergency management.
9. Explain, analyze, and evaluate the various types of hazards.
10. Explain, analyze, evaluate, and apply emergency management concepts and techniques for mitigation, preparedness, response, and recovery.
11. Demonstrate foundational knowledge of the profession of emergency management to prepare you for a leadership position in the field.

IV. Student Learning Objectives

Students will be able to:

1. Develop a greater understanding of emergency management and its relationship to practice.
2. Develop an understanding of how the emergency management profession defines itself.
3. Identify and discuss the core principles of emergency management.

V. Expectations of Students

1. Attend class regularly.
2. Participate in class discussions.
3. Complete out-of-class assignments by established deadlines.
4. Complete all exams.
5. Complete response communication plan by established deadline.
6. Turn off cell phones and tablets.

VI. Course Content or Outline

<u>TOPIC</u>	<u>CLASS PERIODS</u>
Introduction to Course	1
Introduction to Emergency Management	3
The Role of Emergency Management and Legal Issues	5
Federal, State, and Local Level Emergency Management	4
Management of Emergencies and Disasters	3
Planning and Preparedness	4
Emergency/Disaster Response	4
Disaster Recovery	3
Disaster Mitigation	4
Emergency Management and Public Health	3
Public Information and Media Relationships	3
Emergency Management and Technology	2

Examinations	3
Presentations	<u>3</u>
	45

VII. Textbook

Haddow, George D., Jane A. Bullock, and Damon P. Coppola. 2011. *Introduction to Emergency Management*, Fourth Edition. Burlington, MA: Butterworth-Heinemann. ISBN: 978-1-85617-959-1.

FEMA ICS 100 Incident Command System course with certificate
(No charge for FEMA course).

FEMA IS 700 NIMS course with certificate.
(No charge for FEMA course).

VIII. Basis for Student Evaluation

Undergraduates:

Assignments	20%
Examinations	60%
Paper	<u>20%</u>
	100%

Graduates:

Assignments	20%
Examinations	60%
Paper	10%
Presentation	<u>10%</u>
	100%

Grading Scale:

Undergraduates:

90-100% = A
80-89% = B
70-79% = C
60-69% = D
<60 % = F

Graduates:

90-100% = A
80-89% = B
70-79% = C
<70% = F

The weight of the evaluation criteria may vary according to each instructor and will be communicated at the beginning of the course.

IX. Academic Policy Statement

Students will be expected to abide by the **University Policy for Academic Honesty** regarding plagiarism and academic honesty. Refer to: <http://www6.semo.edu/judaffairs/code.html>.

Questions, comments or requests regarding this course should be taken to your instructor. Unanswered questions or unresolved issues involving this class may be taken to the Chair of Biology.

X. Students with Disabilities Statement

If a student has a special need addressed by the Americans with Disabilities Act (ADA) and requires materials in an alternate format, please notify the instructor at the beginning of the course. Reasonable efforts will be made to accommodate special needs. Refer to:

<http://www.semo.edu/ds>.