

## **Southeast Missouri State University**

Department of: Biology/Environmental Science

BI/EV 448/648

Disaster/Emergency Planning and Response

New Fall 2013

### **I. Course Description and Credit Hours**

This course examines the differences between disasters and catastrophes. The issues of the magnitude of impacts on planning and response are addressed through longitudinal examination of national and international disaster response and planning case studies covering catastrophic level disasters. Three lectures. (3)

### **II. Prerequisites for the Course**

Junior or graduate student standing, BI/EV 454/654 and BI/EV 447/647, 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. Understand the differences between a catastrophe and a disaster, and implications of those differences for public policy, preparedness, response, and recovery.
2. Build from past approaches to future strategies to minimize impact of catastrophic events.
3. Formulate concepts in US public policy framework.
4. Understand successful leadership characteristics and strategies for catastrophic disaster management.

### **IV. Student Learning Objectives**

**Students will be able to:**

1. Demonstrate the planning needs for a catastrophic response.
2. Identify the components of both short-term and long-term disaster recovery operations.
3. Create a simple disaster recovery plan.

## 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
Historical Overview	1
Introduction to Catastrophic Situations	3
Ethical, Political, and Legal Issues	6
Operational Issues	5
Planning Strategies and Skills	6
Recovery and Reconstruction	5
Leadership Skills	5
Setting Priorities	4
Economic Impacts and Funding	3
Examinations	3
Presentations	<u>3</u>
	45

## VI. Textbook

Oliver, Clifford. 2011. *Catastrophic Disaster Planning and Response*. CRC Press, Boca Raton, FL.

FEMA Self Study Courses (No charge)

IS-230 Emergency Planning (FEMA)

IS 301 FEMA

IS 331 FEMA

IS 393 FEMA

## 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>.