



**Syllabus for ICM 5905 (Spring 2010)  
Hazard Mitigation/ Preparedness**

**Course Facilitator**

Susan Bulecza, RN, MSN, CNS, APRN,BC

Ms. Bulecza is a master's prepared Clinical Nurse Specialist in Case/Care Management with concentration in adult neurology, rehabilitation, and public health practice. She is nationally board certified as a Clinical Nurse Specialist in Public Health/Community Nursing. Ms. Bulecza has over 8 years experience in public health, working in local and state positions, which have included local county health department community health nurse, Maternal and Child Health Unit director, and STD program nursing consultant. Currently, she is in the Office of Public Health Preparedness as Assistant Director. Responsibilities include management of the Regional Public Health Response Team project, Vulnerable Populations project, co-develop federal grant applications and special projects such as pandemic influenza planning. Additionally during state ESF 8 emergency response activations, she has served in several capacities in the Planning and Logistics sections.

Ms. Bulecza has also worked in the academic area, having taught in both graduate and undergraduate nursing programs. In addition to her teaching responsibilities, she was also the clinical lab director. Ms. Bulecza has authored and co-authored several text book chapters and refereed journal articles on multiple topics as well as presented at national and international conferences.

**Course Overview**

This course will introduce the major principles involved in preparing for and mitigating the impact of hazards in the context of emergency / disaster management. Topics include: key features and characteristics of various hazards, both natural and manmade, the risk assessment process that is used to determine community vulnerability, and in-depth discussion of hazard mitigation planning.

## **Course Objectives:**

1. Describe the difference between hazards and disasters;
2. Identify steps in the risk assessment process;
3. Analyze local and federal emergency management strategies for mitigating hazards;
4. Recognize tools and techniques for hazard mitigation planning
5. Develop a HVA Mitigation Analysis

## **Required Textbook:**

*Hazard Mitigation and Preparedness*

Anna K. Schwab

Katherine Eschelbach

David J. Brower

ISBN: 978-0-471-79019-8

<b>Course Organization</b>
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This on-line course is designed to be a self paced course supported and facilitated by the course instructor. The course homepage contains everything you will need to complete this course including: a learning unit for each week of the course, details for completion of the case study and tools for communicating with the instructor and other students. You should begin by reviewing course objectives and then reviewing the learning units (in order titled by week). Each learning unit will contain: 1) a pre-recorded lecture 2) assigned reading from your required textbook 3) in some weeks a discussion forum for that week. Please also check weekly email through the course site, for instructor feedback, announcements, and emails from other students.

The course instructor will monitor and participate in the on-line discussion forums and is available to answer any questions you have about the course material via the course e-mail system. Each week students are expected to review the on-line lecture, complete the assigned reading, and participate in any discussion forums there might be for the week.

## **Course Requirements**

### **Course Participation – On-line Discussion Forums 100 Points**

The course discussion board provides a venue to increase interaction and is used to replicate a traditional class discussion. In order to increase interaction between all parties within the course, students will be required to participate in five discussion forums. Although points for this assignment are awarded based on student participation, not discussion content (i.e. there really are no right or wrong answers) please try to ensure your input and comments are both appropriate and applicable to the assigned discussion topic. You are evaluated both on your own posts and your responses to others. Please respond to at least two other students' posts.

### **Term Project 100 Points**

Each student will be required to complete a term project designed to demonstrate the application of the course concepts. Further details of the term project are posted on the course homepage.

### **Mid Term Exam 100 Points**

The final has 100 multiple-choice questions. It is available upon completion of all 16 modules. Once you sign on to complete the exam you will have two hours to complete the exam.

### **Final Exam 100 Points**

Students will be required to complete a 50 question final exam online.

### **Grading Scale**

376 - 400	A
350 - 375	A-
325- 349	B
300 - 324	B-
275- 299	C
250- 274	C-
225- 249	D
200 - 224	D-
238 – 0	E

<b>Course Schedule</b>
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**Week 1**Assigned Reading

- Chapter 1: Hazards vs. Disasters

On Line Lecture (Video)

- Tom Belcuore

On-Line Discussion Forum (Introduction)**Week 2**Assigned Reading

- Chapter 2: Meteorological and Hydrological Hazards
- Chapter 3: Geological Hazards

On-Line Discussion Forum**Week 3**Assigned Reading

- Chapter 4: Manmade Hazard

On Line Lecture (Audio)

- Domenick Pape

**Week 4**Assigned Reading

- Chapter 5: Hazards Management Framework
- Chapter 6: The Role of the Federal Government

On-Line Discussion Forum**Week 5**Assigned Reading

- Chapter 7: Mitigating Hazards at the State Level
- Chapter 8: Local Government Powers

On Line Lecture (Audio)

- Tom Belcuore

**Week 6**

Assigned Reading

- Chapter 9: Preparedness

On-Line Discussion Forum

**Week 7      Mid -Term Exam**

**Week 8**

Assigned Reading

- Chapter 10: Risk Assessment

On Line Lecture (Audio)

- Robert Armijo

**Week 9**

Assigned Reading

- Chapter 11: Planning for Hazard Adjustment

On Line Lecture (Audio)

- Susan Bulecza

**Week 10**

Assigned Reading

- Chapter 12: Hazard Mitigation Tools and Techniques

On-Line Discussion Forum

**Week 11**

Assigned Reading

- Chapter 13: Hazard Mitigation Planning

On Line Lecture (Video)

- Tom Belcuore

## **Week 12**

### Assigned Reading

- Chapter 14: Trends for the Future

### On-Line Discussion Forum

## **Week 13     Final Exam**

### **Other Recommended Course Reading Sources:**

#### **Academic Integrity**

Please review the University's honor code at the following website:

<http://www.dso.ufl.edu/judicial/honorcode.php>

#### **Copyright Information**

Please also review the use of copyrighted materials, which can be found on the Health Science Center Library's web page:

<http://www.library.health.ufl.edu/services/copyright.htm>

#### **Make-up Exams or Other Work Policy**

Exams and projects must be taken at the scheduled times as per the syllabus. Students are expected to submit a written request to the instructor for any deviation from the course schedule.

#### **Accommodation Policy**

Students requesting classroom accommodation must first register with the Dean of Students' office, 202 Peabody Hall, 392-1261. The DSO will provide documentation to the student who must then provide this documentation to the instructor.