

Disaster Mitigation

Course Outline

Course Name: Disaster Mitigation
Course Number: 2235:365:001
Course Credits: 3 credit hours

Pre-requisites: This is a Senior level required course for the Emergency Management and Homeland Security Bachelor's Degree. It's highly recommended that you have a degree in Fire Protection, Environmental H&S or Criminal Justice before beginning any required EMHS courses. Principles of EM (at a minimum) should be completed before attempting this course. This course is based on sociological theories.

Course Description:

This course examines various mitigation programs and ways communities can increase their level of prevention and decrease their risk and impact of disasters and major emergencies. This course is an online course and thus students are responsible for holding themselves to the class schedule and listed due dates.

SCOPE: This course focuses on hazard mitigation as a way to increase the safety of the community and decrease the impact of a disaster. Specific federal programs as well as effective local initiatives are examined.

Program Outcomes:

- Define mitigation theories and practices
- Explain the importance of local, state and federal mitigation efforts
- Explain the Disaster Mitigation Act and its purpose
- Identify the principles of sustainable hazards mitigation
- Identify long term effects of mitigation practices
- Identify mitigation decision making processes
- Describe stages of disaster behavior

Grading Scale:

Grade	Percent Required
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%

C	73-76%
C-	70-72%
D+	67-69%
D	63-66%
D-	60-62%
F	0- 59%

Office of Accessibility Statement:

In pursuant to University policy #3359-38-01, The University of Akron recognizes its responsibility for creating an institutional atmosphere in which students with disabilities have the opportunity to be successful. Any student who feels he/she may need an accommodation based on the impact of a disability should contact the Office of Accessibility at 330-972-7928 (v), 330-972-5764 (tdd) or access@uakron.edu. The office is located in Simmons Hall Room 105.

Program Assessment Statement:

The University of Akron and specifically the Emergency Management and Homeland Security program assesses student learning at several levels. The goal of these assessment activities is to improve student learning. As a student in this course, you will participate in various assessment activities. Grades and work samples may be selected to gather learning outcome data to be measured and tracked over several years. Student names or indicators are not used in data analysis. Students have an active role in course and program assessment projects. Generated data will direct any changes made in the curriculum which is designed to strengthen and constantly improve student learning and educational outcomes.

Course Outline:

Week 1

- A Sustainability Framework for Natural and Technological Hazards
- Supplemental Lesson: FEMA’s Project Impact & The Disaster Mitigation Act of 2000.

Week 2

- Scenarios of Sustainable Hazards Mitigation
- Losses, Costs and Impacts
- Supplemental Lesson: Global Positioning Systems

Week 3

- The Interactive Structure of Hazard Systems
- Influences on the Adoption and Implementation of Mitigation

Week 4 Tools for Sustainable Hazards Mitigation

Week 5 Preparedness, response and recovery

Week 6 Innovative Paths and New Directions