Course Description

A comprehensive foundation on the background, components, and systems involved in the management of disasters and other man-made or natural emergencies. Examples focus on the U.S. domestic system of emergency management.

Course Textbook


Course Learning Outcomes

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

1. Analyze the concept of risk within emergency management.
2. Examine natural and man-made disasters and their associated risk to the community and responders.
3. Analyze the functions of mitigation, preparedness, response, and recovery, and the strategies applied within each to reduce risk.
4. Examine how significant disaster events in U.S. history have altered the traditional risk perceptions of emergency management.

Credits

Upon completion of this course, the students will earn three (3) hours of college credit.

Course Structure

1. **Unit Learning Outcomes**: Each unit contains Learning Outcomes that specify the measurable skills and knowledge students should gain upon completion of the unit.
2. **Unit Lessons**: Each unit contains a Unit Lesson, which discusses unit material.
3. **Reading Assignments**: Each unit contains Reading Assignments from one or more chapters from the textbook. Suggested Readings are listed in the Unit I-III and V-VIII study guides to aid students in their course of study. The readings themselves may or may not be provided in the course, but students are encouraged to read the resources listed if the opportunity arises as they have valuable information that expands upon the lesson material. Students will not be tested on their knowledge of the Suggested Readings.
4. **Unit Assessments**: This course contains three Unit Assessments, one to be completed at the end of Units I, II, and IV. Assessments are composed of written response questions.
5. **Unit Assignments**: Students are required to submit for grading Unit Assignments in Units III, V, VI, VII, and VIII. Specific information and instructions regarding these assignments are provided below. Grading rubrics are included with all assignments. Specific information about accessing these rubrics is provided below.
6. **Ask the Professor**: This communication forum provides you with an opportunity to ask your professor general or course content related questions.
7. **Student Break Room**: This communication forum allows for casual conversation with your classmates.

CSU Online Library

The CSU Online Library is available to support your courses and programs. The online library includes databases, journals, e-books, and research guides. These resources are always accessible and can be reached through the library.
webpage. To access the library, log into the myCSU Student Portal, and click on “CSU Online Library.” You can also access the CSU Online Library from the “My Library” button on the course menu for each course in Blackboard.

The CSU Online Library offers several reference services. E-mail (library@columbiasouthern.edu) and telephone (1.877.268.8046) assistance is available Monday – Thursday from 8 am to 5 pm and Friday from 8 am to 3 pm. The library’s chat reference service, Ask a Librarian, is available 24/7; look for the chat box on the online library page.

Librarians can help you develop your research plan or assist you in finding relevant, appropriate, and timely information. Reference requests can include customized keyword search strategies, links to articles, database help, and other services.

Unit Assignments

Unit III Annotated Bibliography

Spend time researching articles focusing on one of the following: hurricane, tornado, flooding, typhoon, interagency collaboration, GIS, or communication systems. From your research, identify at least 10 references and complete an annotated bibliography using the references you located. APA style and formatting for annotated bibliographies is required for this assignment. Please use the CSU Online Library for acquiring your references for your assignment.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

Unit V Project

Refer to the completed Haddon matrix on a motor vehicle injury. The model is meant to serve as a guide. Choose two of the following disasters:

1. hurricane impacting coastal area,
2. typhoon impacting low-income villages,
3. flash flood in rural community, or
4. earthquakes within a heavily populated city (e.g., San Francisco, Chicago).

Using a Haddon matrix, list in each block as many different causal and contributing factors as possible that need to be considered in the mitigation and planning of a disaster or hazard. When complete, highlight the cell or cells that lend themselves to the greatest opportunities to prevent and/or mitigate risk.

Click here to access the Word document of the Haddon matrix worksheet. Complete the worksheet, and save it using your last name and student ID.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

Unit VI Article Critique

In the CSU Online Library, locate and read the article, “Disaster Management and the Critical Thinking Skills of Local Emergency Managers: Correlations with Age, Gender, Education, and Years in Occupation” by Peerbolte and Collins.

Write an Article Critique in which you describe the situation/problem and discuss intended mitigation efforts aimed at addressing the situation/problem as well as any impediments to mitigation. Include the following in your paper:

- What is the authors’ main point(s)?
- Who is the authors’ intended audience?
- Do the authors’ arguments support their main point(s)?
- What evidence supports the main point(s)?
- What is your opinion of the article?
- What evidence, either from the textbook or additional sources, supports your opinion?

Your Article Critique must be two-three pages in length, not counting the title or reference page. All sources, including the textbook, must be cited in APA style.

This article can be found in the CSU Online Library within the Academic Search Complete database.

**Unit VII Case Study**

To prepare for this assignment, you will need to review pages 99-102 of *Managing Emergencies and Crises* and research information regarding the Kobe, Japan, 1995 earthquake and the earthquake and tsunami of 2011, using the CSU Online Library. You can also utilize resources relating to the topic from the Internet. (Please note that unrestricted sites such as Wikipedia are not acceptable reference sources for academic papers.)

Analyze the information that you find regarding the earthquakes and their devastating aftermath, which resulted in the most costly natural disasters in Japan’s history. Make sure that you include the following information in your case study:

1. Compare and contrast the Kobe 1995 earthquake to the March 2011 earthquake and tsunami.
2. Discuss how Japan’s diverse fault system could be used to identify this area as a potential location for an earthquake or for earthquake-related hazards.
3. What type of additional hazards did these earthquakes cause?
4. What were the destructive consequences of these earthquakes?
5. What was the emergency response to these earthquakes?
6. How are earthquake prevention strategies being utilized to help mitigate future disasters in these areas?
7. How could emergency managers mitigate the effects of another earthquake of these magnitudes in such densely populated areas as in Japan?
8. How did these earthquakes make a political impact upon Japan’s ministry?
9. How was volunteerism impacted and changed after these two natural disasters took place?

Your case study should be at least three pages of text in 12 point, double-spaced Times New Roman font. Please use APA style for all in-text citations and references that you use. A minimum of three references should be used.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.

**Unit VIII Research Paper**

Write a five-page paper regarding ONE of the following disasters: hurricane, flooding, tornado, tsunami, earthquake, or ice storm. The final submission should include the following elements:

- Introduction
- Background on the issue/disaster
- Past/historical disasters for the area (e.g., coastal, Midwest)
- Demographics and geographic region
- Key issues for commencing the mitigation project
- Key stakeholders involved
- Types of communications and communications systems involved
- Multi-jurisdictional response initiatives
- Training and exercises
- Future directions for this community regarding maintaining stakeholder buy-in, funding, and any challenges faced
- Reference section (these can be from the annotated bibliography that was submitted earlier in the course)

Your paper should follow APA guidelines for formatting of all resources, both in-text and as references. Your paper should include a title page and should include a separate reference page. The cover page and reference page will not be counted toward the page count.

Information about accessing the Blackboard Grading Rubric for this assignment is provided below.
APA Guidelines

The application of the APA writing style shall be practical, functional, and appropriate to each academic level, with the primary purpose being the documentation (citation) of sources. CSU requires that students use APA style for certain papers and projects. Students should always carefully read and follow assignment directions and review the associated grading rubric when available. Students can find CSU’s Citation Guide by clicking here. This document includes examples and sample papers and provides information on how to contact the CSU Success Center.

Grading Rubrics

This course utilizes analytic grading rubrics as tools for your professor in assigning grades for all learning activities. Each rubric serves as a guide that communicates the expectations of the learning activity and describes the criteria for each level of achievement. In addition, a rubric is a reference tool that lists evaluation criteria and can help you organize your efforts to meet the requirements of that learning activity. It is imperative for you to familiarize yourself with these rubrics because these are the primary tools your professor uses for assessing learning activities.

Rubric categories include: (1) Assessment (Written Response) and (2) Assignment. However, it is possible that not all of the listed rubric types will be used in a single course (e.g., some courses may not have Assessments).

The Assessment (Written Response) rubric can be found embedded in a link within the directions for each Unit Assessment. However, these rubrics will only be used when written-response questions appear within the Assessment.

Each Assignment type (e.g., article critique, case study, research paper) will have its own rubric. The Assignment rubrics are built into Blackboard, allowing students to review them prior to beginning the Assignment and again once the Assignment has been scored. This rubric can be accessed via the Assignment link located within the unit where it is to be submitted. Students may also access the rubric through the course menu by selecting “Tools” and then “My Grades.”

Again, it is vitally important for you to become familiar with these rubrics because their application to your Assessments and Assignments is the method by which your instructor assigns all grades.

Communication Forums

These are non-graded discussion forums that allow you to communicate with your professor and other students. Participation in these discussion forums is encouraged, but not required. You can access these forums with the buttons in the Course Menu. Instructions for subscribing/unsubscribing to these forums are provided below.

Once you have completed Unit VIII, you MUST unsubscribe from the forum; otherwise, you will continue to receive e-mail updates from the forum. You will not be able to unsubscribe after your course end date.

Click here for instructions on how to subscribe/unsubscribe and post to the Communication Forums.

Ask the Professor

This communication forum provides you with an opportunity to ask your professor general or course content questions. Questions may focus on Blackboard locations of online course components, textbook or course content elaboration, additional guidance on assessment requirements, or general advice from other students.

Questions that are specific in nature, such as inquiries regarding assessment/assignment grades or personal accommodation requests, are NOT to be posted on this forum. If you have questions, comments, or concerns of a non-public nature, please feel free to email your professor. Responses to your post will be addressed or emailed by the professor within 48 hours.

Before posting, please ensure that you have read all relevant course documentation, including the syllabus, assessment/assignment instructions, faculty feedback, and other important information.
Student Break Room

This communication forum allows for casual conversation with your classmates. Communication on this forum should always maintain a standard of appropriateness and respect for your fellow classmates. This forum should NOT be used to share assessment answers.

Grading

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<tr>
<th>Component</th>
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<tr>
<td>Assessments (3 @ 10%)</td>
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<tr>
<td>Unit III Annotated Bibliography</td>
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<td>Unit V Project</td>
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<td>Unit VI Article Critique</td>
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<td>Unit VII Case Study</td>
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Course Schedule/Checklist (PLEASE PRINT)

The following pages contain a printable Course Schedule to assist you through this course. By following this schedule, you will be assured that you will complete the course within the time allotted.
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<tr>
<th>Unit I</th>
<th>Vulnerability, Hazards, and Disaster Risk Assessment</th>
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<tbody>
<tr>
<td>Review:</td>
<td>Unit Study Guide</td>
</tr>
<tr>
<td>Read:</td>
<td>Chapter 1: Introduction</td>
</tr>
<tr>
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<td>Chapter 2: Hazards, Vulnerability, and Disaster Risk</td>
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<td>Suggested Reading: See Study Guide</td>
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<td>Submit:</td>
<td>Assessment</td>
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<td>Notes/Goals:</td>
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<th>Unit II</th>
<th>Emergency Management Phases: Mitigation and Preparedness</th>
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<tr>
<td>Review:</td>
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<tr>
<td>Read:</td>
<td>Chapter 3: Prevention/Mitigation and Preparedness for Emergencies and Crises</td>
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<td>Assessment</td>
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<tr>
<th>Unit III</th>
<th>Emergency Management Phases: Response and Recovery</th>
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<tr>
<td>Read:</td>
<td>Chapter 4: Disaster Response and Recovery</td>
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<td>Submit:</td>
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<td>Notes/Goals:</td>
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# Unit IV: Disaster Response and Resilient Communities

**Review:**  Unit Study Guide  
**Read:**  Chapter 5: Community Resilience in Disaster Response  
**Submit:**  Assessment  

Notes/Goals:

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# Unit V: Emergency Management Stakeholders: Networking, Decision Making, and Addressing Challenges

**Review:**  Unit Study Guide  
**Read:**  Chapter 6: Emergency and Crisis Management Stakeholders  
**Read:**  Chapter 7: Decision Making in Managing Disasters and Crises  
**Suggested Reading:**  See Study Guide  
**Submit:**  Project  

Notes/Goals:

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# Unit VI: Effective Leadership, Risk Communication, and Risk Assessment

**Review:**  Unit Study Guide  
**Read:**  Chapter 8: Leadership in Managing Emergencies and Crises  
**Read:**  Chapter 9: Risk Perception and Risk Communication  
**Suggested Reading:**  See Study Guide  
**Submit:**  Article Critique  

Notes/Goals:
<table>
<thead>
<tr>
<th>Unit VII</th>
<th>Moral and Ethical Decisions and Contingency Crisis Management</th>
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<tbody>
<tr>
<td>Review:</td>
<td>❑ Unit Study Guide</td>
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</tbody>
</table>
| Read:    | ❑ Chapter 10: Building an Effective Emergency Management Organization  
|          | ❑ Chapter 11: Evaluation and Professional Accountability in Managing Disasters  
|          | ❑ Suggested Reading: See Study Guide                        |
| Submit:  | ❑ Case Study                                               |

Notes/Goals:

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<thead>
<tr>
<th>Unit VIII</th>
<th>International Disaster Management and Future Predictors for Emergency Management</th>
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<tbody>
<tr>
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<td>❑ Unit Study Guide</td>
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</tbody>
</table>
| Read:     | ❑ Chapter 12: International Actors and Perspectives                             
|          | ❑ Chapter 13: Future Directions in Emergency and Crisis Management               
|          | ❑ Suggested Reading: See Study Guide                                            |
| Submit:   | ❑ Research Paper                                                               |

Notes/Goals: