

Credit Hours: 3

Contact Hours: This is a 3-credit course, offered in accelerated format. This means that 16 weeks of material is covered in 8 weeks. The exact number of hours per week that you can expect to spend on each course will vary based upon the weekly coursework, as well as your study style and preferences. You should plan to spend 14-20 hours per week in each course reading material, interacting on the discussion boards, writing papers, completing projects, and doing research.

Faculty Information: Faculty contact information and office hours can be found on the faculty profile page.

COURSE DESCRIPTION AND OUTCOMES

Course Description:

In this class, students will examine disaster recovery as the last phase of the ongoing emergency management cycle of mitigation, preparedness, response, and recovery. It focuses on the complex process that involves the whole community of public, private, and non-governmental organizations to restore the community back to normal. The recovery process can take months and sometimes years to complete. Students also learn about community leaders and identify the stakeholders and the components of the recovery process, the community develops a recovery plan that describes the short-term and long-term goals to achieve restoration and healing after the disaster.

Course Overview:

This course is designed to provide students with the knowledge and understanding of hazard mitigation and preparedness strategies that are critical of making communities more resilient against the impacts of hazards. Every community faces potential exposure to hazards, both natural and man-made. You will gain a greater understanding that disaster recovery is a complex process that involves the whole community, public, private, and non-governmental organizations for mitigation efforts to be effective and efficient. A comprehensive approach to emergency management that includes operational plans to prepare, prevent, protect, respond, and recover are also paramount in this process.

Course Learning Outcomes:

1. Analyze the concepts of disaster recovery at the federal, state, and local level.
2. Assess recovery planning, housing, debris management, business and private sector recovery, and public/governmental recovery and operations.
3. Examine the disaster aspects of historical and cultural preservation, environmental recovery, social and psychological recovery, and services.
4. Evaluate the role of non-governmental organizations (NGOs) in the disaster recovery process.
5. Describe the process of grant-writing and donations management.
6. Analyze disaster recovery practices as they apply to recent international disasters

PARTICIPATION & ATTENDANCE

Prompt and consistent attendance in your online courses is essential for your success at CSU-Global Campus. Failure to verify your attendance within the first 7 days of this course may result in your withdrawal. If for some reason you would like to drop a course, please contact your advisor.

Online classes have deadlines, assignments, and participation requirements just like on-campus classes. Budget your time carefully and keep an open line of communication with your instructor. If you are having technical problems, problems with your assignments, or other problems that are impeding your progress, let your instructor know as soon as possible.

COURSE MATERIALS

Required:

Schwab, A. K., Sandler, D., & Brower, D. J. (2016). *Hazard mitigation and preparedness: An introductory text for emergency management and planning professionals* (2nd ed.). Danvers, MA: CRC Press. ISBN: 9781466595569

NOTE: All non-textbook required readings and materials necessary to complete assignments, discussions, and/or supplemental or required exercises are provided within the course itself. Please read through each course module carefully.

COURSE SCHEDULE

Due Dates

The Academic Week at CSU-Global begins on Monday and ends the following Sunday.

- **Discussion Boards:** The original post must be completed by Thursday at 11:59 p.m. MT and Peer Responses posted by Sunday 11:59 p.m. MT. Late posts may not be awarded points.
- **Opening Exercises:** Take the opening exercise before reading each week's content to see which areas you will need to focus on. You may take these exercises as many times as you need. The opening exercises will not affect your final grade.
- **Mastery Exercises:** Students may access and retake mastery exercises through the last day of class until they achieve the scores they desire.
- **Critical Thinking:** Assignments are due Sunday at 11:59 p.m. MT.

WEEKLY READING AND ASSIGNMENT DETAILS

Module 1

Readings

- Chapters 1 & 2 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*

- Barnosky, J. (2015). Before the storm: Shifting federal disaster policy toward mitigation. Retrieved from <https://www.brookings.edu/blog/fixgov/2015/02/19/before-the-storm-shifting-federal-disaster-policy-toward-mitigation/>
- Federal Emergency Management Agency [FEMA]. (2013). Hurricane Sandy recovery efforts one year later. Retrieved from <https://www.fema.gov/media-library/assets/documents/85068>
- Federal Emergency Management Agency [FEMA]. (2015, January 14). FIMA mitigation planning. Retrieved from <https://www.fema.gov/media-library/resources-documents/collections/451>
- Federal Emergency Management Agency [FEMA]. (2017) Hazard mitigation planning process. Retrieved from <https://www.fema.gov/hazard-mitigation-planning-process>
- National Oceanic and Atmospheric Administration [NOAA]. (n.d.) Billion-dollar weather and climate disasters. Retrieved from <https://www.ncdc.noaa.gov/billions/>

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Module 2

Readings

- Chapters 3 & 4 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*
- Federal Emergency Management Agency [FEMA]. (2016). Earthquake. Retrieved from <https://www.fema.gov/earthquake>
- Stults, M. (2017, January 1). Integrating climate change into hazard mitigation planning: Opportunities and examples in practice. *Climate Risk Management*, 17(C), 21-34.

Opening Exercise (0 points)

Discussion (25 points)

Critical Thinking: (70 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: High-Risk Areas

As an emergency manager in your town, what resources would you use to create a map of your town's geologic high-risk areas? How would you describe the different areas of risk to a homeowner or business owner in your community?

Your paper should be 4-5 pages, well-written and formatted per CSU-Global Guide to Writing and APA Requirements. Support your analysis by referencing and citing at least two credible sources other than the course textbook. The CSU-Global Library is a good place to find sources.

Option #2: FEMA Course #1

You will complete a FEMA course from the following website:

Complete FEMA Emergency Management Institute Independent Study Course “Mitigation Planning For Local and Tribal Communities”. Provide a copy of certificate provided.

Submit a copy of the certificate to the Grade Book for credit. You may only select to complete each FEMA course for credit one time.

Save a copy of the FEMA certificate to your computer, print a hard copy for your files, and add it to your resume for additional training.

Note: There are five Critical Thinking Assignments, with two options each. Each of the five Critical Thinking Assignments has a FEMA course option. However, each student is only allowed to choose the FEMA course option three times as a Critical Thinking assignment. If you have completed this certification at any time prior to enrolling in EMG400, you must complete Critical Thinking Assignment Option 1 in this module.

Mastery Exercise (10 points)

Module 3

Readings

- Chapter 5 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*
- Federal Emergency Management Agency [FEMA]. (2014). Debris management guide. Retrieved from <https://www.fema.gov/media-library/assets/documents/25649#>
- Federal Emergency Management Agency [FEMA]. (2016). Technological hazards. Retrieved from <https://www.fema.gov/technological-hazards>
- Stankov, L. (2018). Psychological processes common to social conservatism and terrorism. *Personality and Individual Differences*, 120, 75-80.

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking: (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Human-Made Hazards: Terrorism, Civil Unrest, and Technological Hazards

What are some of the factors that influence the public’s perception of the level of risk we face from human-made hazards? How can this public perception affect how emergency managers follow the emergence preparedness plan and other mitigation and preparedness activities? Read the case study on the Flooding in Texas from Hurricane Harvey and discuss how the public’s perception of the human-made hazard may affect future preparedness plans.

Your paper should be 4-5 pages, well-written and formatted per CSU-Global Guide to Writing and APA Requirements. Support your analysis by referencing and citing at least two credible sources other than the course textbook. The CSU-Global Library is a good place to find sources.

Option #2: Career Builder: FEMA course #2

You will complete a FEMA course from the following website: <https://training.fema.gov/is/crslist.aspx>. For this module you must complete the following certification course, "Emergency Planning". FEMA will send you a certificate of completion. Submit a copy of the certificate to the Grade Book for credit. You may only select to complete each FEMA course for credit one time.

Save a copy of the FEMA certificate to your computer, print a hard copy for your files, and add it to your resume for additional training.

Note: There are five Critical Thinking Assignments, with two options each. Each of the five Critical Thinking Assignments has a FEMA course option. However, each student is only allowed to choose the FEMA course option three times as a Critical Thinking assignment. If you have completed this certification at any time prior to enrolling in EMG400, you must complete Critical Thinking Assignment Option 1 in this module.

Portfolio Milestone (20 points)

For the final Portfolio Project assignment, select a federally declared disaster for your research that required a disaster plan for short-term and long-term recovery. Review the criteria for the Final Project in Module 8. Write a paragraph that describes the significance of this disaster.

Submit your paper to the Portfolio grade book. This is a required component of the Portfolio Project assignment, due this week.

Module 4

Readings

- Chapters 6 & 7 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking: (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Role of Federal Government in Disaster Management

Write a paper explaining the role of the Federal Government in disaster management and ways in which the federal government encourages development in hazardous areas. State governments serve as a key link between federal agencies and local communities; describe the flow of interaction between the three levels.

Your paper should be 4-5 pages long, well-written, and formatted per CSU-Global Guide to Writing and APA Requirements. Support your analysis by referencing and citing at least two credible sources other than the course textbook.

Option #2: FEMA Course #3

You will complete a FEMA course from the following website: <https://training.fema.gov/is/crslist.aspx>. For this module you must complete the following certification course: IS-558 – Public Works and Disaster Recovery. Upon completion of the FEMA course, FEMA will send you a certificate of completion. Submit a copy of the certificate to the Grade Book for credit. You may only select to complete each FEMA course for credit one time.

Save a copy of the FEMA certificate to your computer, print a hard copy for your files, and add it to your resume for additional training.

Note: There are five Critical Thinking Assignments, with two options each. Each of the five Critical Thinking Assignments has a FEMA course option. However, each student is only allowed to choose the FEMA course option three times as a Critical Thinking assignment. If you have completed this certification at any time prior to enrolling in EMG400, you must complete Critical Thinking Assignment Option 1 in this module.

Portfolio Milestone (30 points)

Annotated Bibliography

In the CSU-Global Library, locate a minimum of five research articles for the disaster that you chose for your final Portfolio Project. Write an annotated bibliography that succinctly discusses the sources, why they were selected, and how they support the main premise of the Portfolio Project paper.

Submit the annotated bibliography to the Mod 4: Portfolio Milestone. Each article must be cited in correct CSU-Global Guide to Writing and APA Requirements.

Note: The Endnotes at the end of each textbook chapter are excellent resources for the annotated bibliography. The CSU Librarian can assist you in obtaining these articles. Please reference an article published within the last five years.

Module 5

Readings

- Chapters 8 & 9 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking: (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Damage Assessment Processes

Write a paper describing the infrastructure, lifelines, and social psychological impacts of disaster on the community. Discuss how damage assessment process benefits the short-term and long-term recovery planning efforts to recovery from these impacts.

Your paper should be 4-5 pages, well-written, and formatted per CSU-Global Guide to Writing and APA Requirements. Support your analysis by referencing and citing at least two credible sources other than the course textbook. The CSU-Global Library is a good place to find sources.

Option #2: FEMA Course #4

You will complete a FEMA course from the following website:

<https://training.fema.gov/is/crslist.aspx>. For this module you must complete the following certification course: IS-634 – Introduction to FEMA’s Public Assistance Program. Upon completion of the FEMA course, FEMA will send you a certificate of completion. Submit a copy of the certificate to the Grade Book for credit. You may only select to complete each FEMA course for credit one time.

Save a copy of the FEMA certificate to your computer, print a hard copy for your files, and add it to your resume for additional training.

Note: There are five Critical Thinking Assignments, with two options each. Each of the five Critical Thinking Assignments has a FEMA course option. However, each student is only allowed to choose the FEMA course option three times as a Critical Thinking assignment. If you have completed this certification at any time.

Module 6

Readings

- Chapter 10 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*
- Federal Emergency Management Agency [FEMA]. (2011). National disaster recovery framework: Strengthening disaster recovery for the nation. Retrieved from <https://www.hsd.org/?view&did=773407>
- Federal Emergency Management Agency [FEMA]. (2017). Hazard mitigation planning. Retrieved from <https://www.fema.gov/hazard-mitigation-planning>
- Federal Emergency Management Agency [FEMA]. (2018). Floodplain management. Retrieved from <https://www.fema.gov/floodplain-management>
- Federal Emergency Management Agency [FEMA]. (2018). National flood insurance program: Flood hazard mapping. Retrieved from <https://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping>
- ICLEI – Local Governments for Sustainability & San Diego County. (2014). Integrating hazard mitigation and climate adaptation planning: Case studies and lessons learned. Retrieved from:

<http://icleiusa.org/wp-content/uploads/2015/08/Integrating-Hazard-Mitigation-and-Climate-Adaptation-Planning.pdf>

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking: (75 points)

Choose one of the following two assignments to complete this week. Do not do both assignments. Identify your assignment choice in the title of your submission.

Option #1: Federal Disaster Declarations

Identify a disaster that required a Federal disaster declaration. Examine the key governmental resources and discuss how the resources were used to overcome the disaster challenges in the recovery phase.

Your paper should be 4-5 pages long, well-written, and formatted per CSU-Global Guide to Writing and APA Requirements. Support your analysis by referencing and citing at least two credible sources other than the course textbook. The CSU-Global Library is a good place to find sources.

Option #2: FEMA Course #5

Career Builder: FEMA course #5. You will complete a FEMA course from the following website: <https://training.fema.gov/is/crslist.aspx>. For this module you must complete the following certification course: IS-253.a – Overview of FEMA’s Environmental and Historic Preservation Review. Upon completion of the FEMA course, FEMA will send you a certificate of completion. Submit a copy of the certificate to the Grade Book for credit. You may only select to complete each FEMA course for credit one time.

Save a copy of the FEMA certificate to your computer, print a hard copy for your files, and add it to your resume for additional training.

Note: There are five Critical Thinking Assignments, with two options each. Each of the five Critical Thinking Assignments has a FEMA course option. However, each student is only allowed to choose the FEMA course option three times as a Critical Thinking assignment. If you have completed this certification at any time prior to enrolling in EMG400, you must complete Critical Thinking Assignment Option 1 in this module.

Module 7

Readings

- Chapters 11 & 12 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*
- Code of Federal Regulations, Title 28, part 0.85. (n.d.). General functions. Cornell Law School. Retrieved from <https://www.law.cornell.edu/cfr/text/28/0.85>
- Federal Emergency Management Agency [FEMA]. (2013). Homeland security exercise and evaluation program. Retrieved from <https://www.fema.gov/media-library/assets/documents/32326>

- Federal Emergency Management Agency [FEMA]. (2018). Volunteer & donation responsibility. Retrieved from <http://www.fema.gov/volunteer-donate-responsibly>
- The Environment and Natural Resources Group. (2016). Amendments Strengthen Toxic Substances Control Act. Retrieved from <http://www.ballardspahr.com/alertspublications/legalalerts/2016-06-22-amendments-strengthen-toxic-substances-control-act.aspx>

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking: (75 points)

N/A

Module 8

Readings

- Chapter 13 in *Hazard Mitigation and Preparedness: An Introductory Text for Emergency Management and Planning Professionals*
- Smith, A., Lott, N., Houston, T., Shein, K., Crouch, J., & Enloe, J. (2016). U.S. billion-dollar weather & climate disasters 1980-2017. Retrieved from <https://www.ncdc.noaa.gov/billions/events.pdf>

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Portfolio Project (300 points)

Option #1: Disaster Recovery Analysis Essay (300 points)

For your final Portfolio Project, you will analysis the disaster recovery process on your chosen disaster.

The Portfolio Project will include three of the following topics as they pertain to the disaster recovery phase:

- Type of disaster;
- Short-term and long-term recovery planning;
- Environmental recovery, historical, and cultural preservation;
- Housing, social, and psychological recovery;
- Public sector recovery;
- Business and private sector recovery;
- Infrastructure and lifelines;
- Government, community, and volunteer organization resources; and
- Additional recovery items identified in research.

Your paper should meet the following requirements:

- The paper should be 8-10 pages, not including the title and reference page.

- Additionally, the paper should properly reference and include at least five research articles from peer-reviewed, scholarly journals in addition to the textbook. Do not use unverifiable sources such as articles without a credible author or institution (e.g., blogs, etc.).
- Format our document according to the CSU-Global Guide to Writing and APA Requirements.

The following preliminary Portfolio Project deliverables are due throughout the course and will be factored into your final project score. Though you do not receive weekly credit for these deliverables, failure to submit any of them as instructed will result in a loss of points on your final project grade. See each week's assignment page for more details and the final Portfolio Project rubric in the Course Information section for more details.

Module 2 Portfolio Project: Topic selection

Module 4 Portfolio Project: Annotated Bibliography (five references)

Module 6: Portfolio Project: Outline

Option #2: Disaster Recovery Analysis Presentation (300 points)

For your final Portfolio Project, you will research a disaster that required a Federal disaster declaration and an extensive recovery period. Focus your analysis on the disaster recovery process.

The Portfolio Project will include the following topics as they pertain to the disaster recovery phase of the disaster.

- Type of disaster;
- Short-term and long-term recovery planning;
- Environmental recovery, historical, and cultural preservation;
- Housing, social, and psychological recovery;
- Public sector recovery;
- Business and private sector recovery;
- Infrastructure and lifelines;
- Government, community, and volunteer organization resources; and
- Additional recovery items identified in research.

The presentation should be slide show containing a minimum of 15 slides, not including the title and reference page. Each slide should contain a Notes section. Additionally, the slide show should properly reference and include at least five research articles from peer-reviewed, scholarly journals in addition to the textbook. Do not use unverifiable sources such as articles without a credible author or institution (e.g., blogs, etc.).

Your slide show makes use of varied presentation styles, including but not limited to audio recordings, automations and properly cited images and graphics.

Module 2 Portfolio Project: Topic selection

Module 4 Portfolio Project: Annotated Bibliography (five references)

Module 6: Portfolio Project: Outline

COURSE POLICIES

| Grading Scale | |
|---------------|---------------|
| A | 95.0 – 100 |
| A- | 90.0 – 94.9 |
| B+ | 86.7 – 89.9 |
| B | 83.3 – 86.6 |
| B- | 80.0 – 83.2 |
| C+ | 75.0 – 79.9 |
| C | 70.0 – 74.9 |
| D | 60.0 – 69.9 |
| F | 59.9 or below |

Course Grading

20% Discussion Participation
0% Opening Exercises
8% Mastery Exercises
37% Critical Thinking Assignments
35% Final Portfolio Project

IN-CLASSROOM POLICIES

For information on late work and incomplete grade policies, please refer to our [In-Classroom Student Policies and Guidelines](#) or the Academic Catalog for comprehensive documentation of CSU-Global institutional policies.

Academic Integrity

Students must assume responsibility for maintaining honesty in all work submitted for credit and in any other work designated by the instructor of the course. Academic dishonesty includes cheating, fabrication, facilitating academic dishonesty, plagiarism, reusing /re-purposing your own work (see *CSU-Global Guide to Writing and APA Requirements* for percentage of repurposed work that can be used in an assignment), unauthorized possession of academic materials, and unauthorized collaboration. The CSU-Global Library provides information on how students can avoid plagiarism by understanding what it is and how to use the Library and Internet resources.

Citing Sources with APA Style

All students are expected to follow the *CSU-Global Guide to Writing and APA Requirements* when citing in APA (based on the APA Style Manual, 6th edition) for all assignments. For details on CSU-Global APA style, please review the APA resources within the CSU-Global Library under the “APA Guide & Resources” link. A link to this document should also be provided within most assignment descriptions in your course.

Disability Services Statement

CSU-Global is committed to providing reasonable accommodations for all persons with disabilities. Any student with a documented disability requesting academic accommodations should contact the Disability Resource Coordinator at 720-279-0650 and/or email ada@CSUGlobal.edu for additional information to coordinate reasonable accommodations for students with documented disabilities.

Netiquette

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end read the words?

Maintain an environment free of harassment, stalking, threats, abuse, insults or humiliation toward the instructor and classmates. This includes, but is not limited to, demeaning written or oral comments of an ethnic, religious, age, disability, sexist (or sexual orientation), or racist nature; and the unwanted sexual advances or intimidations by email, or on discussion boards and other postings within or connected to the online classroom. If you have concerns about something that has been said, please let your instructor know.