EMGT C120: DISASTER RECOVERY

Item	Value
Top Code	210530 - Industrial and Transportation Security
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

This course introduces students to the basic principles of disaster recovery as a fundamental part of the four-phase cycle of emergency management planning. It covers pre-disaster preparedness activities, hazard/risk assessment, disaster recovery planning considerations, and the development of important stakeholders to carry out recovery efforts. Focus is placed on core principles that guide recovery, including common recovery measures, proper identification of roles/responsibilities, recovery support functions, final phase community restoration. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Given a disaster case study, develop a comprehensive recovery plan utilizing the principals of holistic recovery and the concepts of emergency management.
2. Utilizing the principals of emergency management, explain why recovery is a process rather than just a basic plan.

Course Objectives

- 1. Identify important community needs during the disaster recovery phase.
- 2. Explain federal, state and local government priorities in recovery planning.
- 3. Outline immediate, intermediate and long-term priority needs in community restoration activities.
- 4. Summarize federal, state and local organizational roles in disaster recovery.
- 5. Analyze inter-organizational recovery planning responsibilities between public and private organizations.
- 6. Examine accepted practices when organizing community recovery activities, including business, industry and community volunteers.
- 7. Describe short-term recovery responsibilities, including damage assessment, hazard evaluation and infrastructure inspection.
- 8. Give examples of long-term recovery efforts that emphasize operational continuity, public health services, and property restoration.
- 9. Explain the importance of disaster debris management, including coordination for federal assistance, temporary storage, and contracted agencies.
- 10. Outline the important components of community rebuilding.

Lecture Content

INTRODUCTION Definition Benefits Identification of needs during recovery phase RECOVERY PLANNING Overview of recovery phase Governmental priorities Local priorities RESTORATION PRIORITIES Immediate needs Intermediate needs Long term needs CASE STUDIES State Local Analysis ORGANIZATIONAL ROLES AND ACTIONS INTERORGANIZATIONAL PLANNING Public Agencies Private Sector Organizations ORGANIZING THE COMMUNITY Managing volunteers Business Industry SHORT TERM RECOVERY Situation/Damage Assessment Safety/Hazard evaluation Infrastructure assessment LIFELINE AND RECOVERY SERVICES LONG TERM RECOVERY Continuity of operations Public Health Human Services Property Restoration DEBRIS MANAGEMENT Federal Assistance Temporary Storage Reduction Sites/Methods Contracting COMMUNITY REBUILDING Health issues Community confidence Dealing with fear Referrals

Method(s) of Instruction

- Lecture (02)
- DE Online Lecture (02X)

Instructional Techniques

This course may be taught using multiple methods of support including classroom, video, audio, multi-media, and online strategies. Strategies may include lectures; cooperative learning groups; written homework assignments; self-paced independent study using textbooks, video lessons, audio segments, demonstrations or discussions; simulations; role playing; case studies; problem-solving exercises; debates; presentations by students to software or online systems; presentations to the instructor or to other students; research projects; and journal reflections.

Reading Assignments

Reading assignments including but not limited to textbooks, professional journals, magazines, and newspaper articles.

Writing Assignments

Short essay writing assignments that successfully utilize fundamental mitigation strategies.

Out-of-class Assignments

The completion of practical scenario-based exercises applying hazard and mitigation strategies.

Demonstration of Critical Thinking

Written/oral assignments requiring the student to demonstrate analytical problem-solving skills.

Required Writing, Problem Solving, Skills Demonstration

All lessons and class projects require the use of a logical approach in identifying the problem and obtaining the information to assist in problem solving following an incident.Group participation and practical application.

Eligible Disciplines

Industrial safety: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required Kushma, J. Case Studies in Disaster Recovery, 1st ed. New York: Butterworth-Heinemann: Elsevier, 2022 2. Required McEntire, D. A. Disaster Response and Recovery: Strategies and Tactics for Resilience, 3rd ed. New York: Wiley, 2021

Manuals Resources

1. Federal Emergency Management Agency. Roadmap to Federal Resources for Disaster Recovery , U.S. Department of Homeland Security , 06-01-2022

Other Resources

1. Coastline Library 2. Assigned articles, Internet research and class hand-outs. 3. Access to internet either in a Coastline Community College Lab or outside the college. For Classroom based class and Hybrid Class, a minimum of 2 gigabyte USB memory stick.