STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK

MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
EADM 320 – Recovery and Resilience

Created by: Jay Roorbach

Updated by:

School of Science, Health, and Criminal Justice

Department: Center for Criminal Justice, Intelligence, and Cybersecurity

Semester/Year: Fall 2020

A. **TITLE**: Recovery and Resilience

B. **COURSE NUMBER:** EADM 320

C. **CREDIT HOURS**: (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

   # Credit Hours: 3
   # Lecture Hours: 3 **per week**
   # Lab Hours: **per week**
     Other: **per week**

   Course Length: 15 **Weeks**

D. **WRITING INTENSIVE COURSE**: Yes ☐ No ☒

E. **GER CATEGORY: None:** ☒ **Yes:** GER
   If course satisfies more than one: GER

F. **SEMESTER(S) OFFERED: Fall** ☒ **Spring** ☐ **Fall & Spring** ☐

G. **COURSE DESCRIPTION:**

This course defines how well emergency management and other stakeholders collaborate to meet the needs of individuals, households, communities, states, and the federal government in ongoing efforts to recover from catastrophic and other incidents. The content will cover pre-disaster planning for recovery, current doctrine and principles for recovery planning and activity, present case studies of recovery from past disasters, and provide an overview of assessing resilience for disasters.

H. **PRE-REQUISITES: None** ☒ **Yes** ☐ **If yes, list below:**

   CO-REQUISITES: None ☒ **Yes** ☐ **If yes, list below:**

I.   STUDENT LEARNING OUTCOMES: (*see key below*)

By the end of this course, the student will be able to:

Course Student Learning Outcome [SLO]	Program Student Learning Outcome [PSLO]	GER [If Applicable]	ISLO & SUBSETS	
Discuss the current doctrine related to recovery from emergencies and disasters of all scale.	Students will develop and maintain a comprehensive perspective of emergency and disaster management.		5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Review the issues and discuss the methods related to pre- and post-disaster recovery.	Students will develop and maintain a comprehensive perspective of emergency and disaster management.		5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Describe local, state, tribal, and Federal recovery leadership roles and responsibilities.	Students will develop written communications related to emergency management and present projects in multiple formats.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
Define recovery support functions (RSFs) and how the structure is flexible to meet the needs of post-disaster needs.	Students will collect, analyze, and synthesize information in making critical judgements, some of which can be time sensitive in emergencies or disasters.		2-Crit Think ISLO ISLO	CA Subsets Subsets Subsets
Explain the process and requirements by which individual and public assistance is provided by FEMA.	Students will develop and maintain a comprehensive perspective of emergency and disaster management.		5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Assess the resilience of organizations and communities to disasters and emergencies.	Students will work individually and/or collaboratively to address challenges and issues related to emergency mitigation, preparedness, response, and recovery.		4-Soc Respons ISLO ISLO	T Subsets Subsets Subsets

KEY	Institutional Student Learning Outcomes [ISLO 1 – 5]

ISLO #	ISLO & Subsets
1	**Communication Skills** Oral [O], Written [W]
2	**Critical Thinking** *Critical Analysis [CA] , Inquiry & Analysis [IA] , Problem Solving [PS]*
3	**Foundational Skills** *Information Management [IM], Quantitative Lit,/Reasoning [QTR]*
4	**Social Responsibility** *Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]*
5	**Industry, Professional, Discipline Specific Knowledge and Skills**

*Include program objectives if applicable. Please consult with Program Coordinator

J. **APPLIED LEARNING COMPONENT:** Yes ☒ No ☐

If YES, select one or more of the following categories:

☒ Classroom/Lab   ☐ Civic Engagement
☐ Internship   ☐ Creative Works/Senior Project
☐ Clinical Placement   ☒ Research
☐ Practicum   ☐ Entrepreneurship
☐ Service Learning   (program, class, project)
☐ Community Service

K. **TEXTS:**

All materials provided to students.

L. **REFERENCES:**

None

M. **EQUIPMENT: None** ☒ **Needed:**

N. **GRADING METHOD:** A-F

O. **SUGGESTED MEASUREMENT CRITERIA/METHODS:**

• **Writing assignments**
• **Discussion Boards**
• **Research Paper**
• **Participation**

P. **DETAILED COURSE OUTLINE:**

I. **INTRODUCTION AND OVERVIEW**
A. **Introduction of the recovery function in disasters and emergencies.**
B. **Historical overview of recovery from disasters.**
II. **POLICY, DOCTRINE, AND METHODOLOGY**
A. **National Disaster Recovery Framework (NDRF).**
B. **NDRF Guiding Principles and how they apply to recovery.**
C. **NDRF Planning Principles and responsibilities for recovery planning.**
III. **RECOVERY SUPPORT FUNCTIONS (RSFs)**
A. **Define RSFs and understand the missions.**
B. **Describe implementation and activation of RSFs at different levels of government and the private-sector.**
C. **Explain how the RSF structure is flexible to meet different levels of post-disaster needs.**
IV. **PRE-DISASTER RECOVERY PLANNING STRATEGIES**
A. **Analyze data from assessments to assess needs.**
B. **Determine feasibility of mitigation strategies.**

C.   **Identify barriers to implementation of mitigation strategies.**
D.   **Apply risk acceptance as a strategy.**
V.   **COMMUNITY RECOVERY MANAGEMENT TOOLKIT**
A.   **How to organize recovery planning.**
B.   **Assess needs, create a plan and determine priority projects.**
C.   **Manage staffing, financing, and leverage resources to support recovery strategy implementation.**
VI.   **NON-STAFFORD ACT INCIDENTS**
A.   **Discuss emergencies that do not meet the requirements for official designations for assistance.**
B.   **Coordination of recovery resources for State, Tribal, and local incidents.**
C.   **Learn FEMA standards for hazard mitigation planning.**
VII.   **FEMA RECOVERY ASSISTANCE**
A.   **Assistance to Governments and Private Non-Profits.**
B.   **Assistance to Individuals and Families.**
VIII.   **RESILIENCE**
A.   **Define the concept of resilience and how it applies to emergency management.**
B.   **Assess the resilience of organizations and communities to disasters and emergencies.**

Q.   <u>**LABORATORY OUTLINE**</u>**: None** ☒ **Yes** ☐