

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



MASTER SYLLABUS

EADM 330 – Emergency Management in Public Health and Healthcare

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:** Emergency Management in Public Health and Healthcare
- B. **COURSE NUMBER:** EADM 330
- 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:**

The emergency management function within the public health and healthcare sector is important as organizations continue to strategize to increase resilience for disasters. This course provides students an overview of the function and allows for discussion of specific emergency management competencies and strategies to prepare for, respond to, and recover from health and other emergencies. Students learn from past incidents and demonstrate an understanding of standards and programs designed to enhance emergency preparedness.

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

45 Credits completed or permission of Instructor

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:

<u>Course Student Learning Outcome</u> <u>[SLO]</u>	<u>Program Student Learning Outcome</u> <u>[PSLO]</u>	<u>GER</u> <u>[If Applicable]</u>	<u>ISLO & SUBSETS</u>	
Discuss the current doctrine used in the public health and healthcare sector to prepare for, respond to, and recover from emergencies and disasters of all complexities.	Students will develop and maintain a comprehensive perspective of emergency and disaster management.		4-Soc Respons 5	GL
Assess organizational resilience to incidents involving medical surge, mass casualty/fatality, burns, and community-based epidemics/pandemics.	Students will develop and maintain a comprehensive perspective of emergency and disaster management.		4-Soc Respons 2	GL CA
Describe and plan for organizational compliance with standardized competencies for public health practitioners and healthcare personnel and other standards.	Students will develop written communications related to emergency management and present projects in multiple formats.		1-Comm Skills 5	W
Define Healthcare Coalitions and apply the concept to a community specifically for emergency preparedness.	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 5	CA
Describe the process and requirements by which public health and healthcare organizations prepare and comply with guidance and regulations.	Students will develop and maintain a comprehensive perspective of emergency and disaster management.		5-Ind, Prof, Disc, Know Skills 5	
Assess the resilience of public health and healthcare 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 5	T

KEY	<u>Institutional Student Learning Outcomes [ISLO 1 – 5]</u>
ISLO #	ISLO & Subsets
1	Communication Skills Oral [O], Written [W]
2	Critical Thinking

	<i>Critical Analysis [CA], Inquiry & Analysis [IA], Problem Solving [PS]</i>
3	Foundational Skills <i>Information Management [IM], Quantitative Lit./Reasoning [QTR]</i>
4	Social Responsibility <i>Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]</i>
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:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Classroom/Lab | <input type="checkbox"/> Civic Engagement |
| <input type="checkbox"/> Internship | <input type="checkbox"/> Creative Works/Senior Project |
| <input type="checkbox"/> Clinical Placement | <input checked="" type="checkbox"/> Research |
| <input type="checkbox"/> Practicum | <input type="checkbox"/> Entrepreneurship |
| <input type="checkbox"/> Service Learning | (program, class, project) |
| <input type="checkbox"/> 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
- Case Studies
- Participation

P. **DETAILED COURSE OUTLINE:**

I. **OVERVIEW OF PUBLIC HEALTH AND HEALTHCARE SECTOR**

A. Introduction of the emergency management function in PH and Healthcare.

B. Historical overview of disasters with significant impact to the sector.

II. **EMERGENCY MANAGEMENT COMPETENCIES**

A. Public Health Emergency Preparedness & Response.

B. Competencies for Healthcare Administration, Physicians, and Nurses.

III. **HEALTHCARE COALITIONS**

A. FEMA Whole Community doctrine.

B. US Department of Health and Human Services (HHS) doctrine and requirements for emergency preparedness.

C. Coalitions inclusive of public health, hospitals, skilled nursing/long-term care, home care, education, and other organizations.

IV. **HOSPITAL PREPAREDNESS**

A. HHS and CDC guidelines and assistance for hospital preparedness.

B. Unique considerations for hospitals in disasters.

C. Risk management in healthcare and applied to emergencies.

- V. EMERGENCY PLANNING IN PUBLIC HEALTH AND HEALTHCARE**
 - A. CDC, FEMA, and HHS guidance; Strategic National Stockpile of pharmaceuticals.**
 - B. Assess vulnerability, needs, and develop strategies for preparedness, response, and recovery.**
 - C. Unique situations such as medical surge, burns, mass casualty/fatality, and community-based epidemic/pandemic.**
 - D. Special considerations for mass gathering events.**
- VI. STANDARDS FOR EMERGENCY MANAGEMENT IN THE SECTOR**
 - A. HHS Centers for Medicare and Medicaid Services compliance.**
 - B. The Joint Commission and other accreditation organizations' standards.**
 - C. Emergency management program considerations within the sector.**
- VII. CASE STUDIES OF PAST DISASTERS**
 - A. Analysis of impacts of past disasters on the sector and lessons learned and applied.**
 - B. Discussion and analysis of Hurricane Katrina, COVID-19, or other notable disasters.**

Q. LABORATORY OUTLINE: None Yes