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

MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
EADM 201 – Fundamentals of Emergency Management

Created by: Dr. M. O'Connor

Updated by: Jay Roorbach

School of Science, Health, and Criminal Justice

Department: Center for Criminal Justice, Intelligence, and Cybersecurity

Semester/Year: Fall 2020

A.   **TITLE**: Fundamentals of Emergency Management

B.   **COURSE NUMBER:** EADM 201

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 presents the theories, principles, and approaches to emergency management. The whole community approach to emergency management will be a focus with the phases of mitigation, preparedness, response, and recovery serving as the foundation. Analyses of past incidents, emergencies, disasters, and catastrophes will be presented along with their impacts on policy formation in the development of current emergency management doctrine. The role, duties, and importance of the Emergency Manager will be discussed throughout the semester.

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*	
Explain the history, phases, and current doctrine of emergency management.	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
Explain the phases of mitigation, preparedness, response, and recovery and the necessary capabilities to accomplish them.	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
Explain the importance of consistency in incident management systems and with communication.	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
Analyze past or current incidents against theories and doctrine.	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
Discuss specific hazards including natural and human caused disasters.	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
Discuss the differences between the United States systems and the emergency management capabilities of other countries.	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
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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:**

Haddow, G. D., Bullock, J. A., & Coppola, D. P. (2020). Introduction to emergency management (7th ed.). Kidlington, Oxford: Butterworth-Heinemann is an imprint of Elsevier.

L.   **REFERENCES:**

None

M.   **EQUIPMENT: None** ☒   **Needed:**

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

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

•   **Exams**
•   **Discussion Boards**
•   **Written Papers**
•   **Participation**

P.   **DETAILED COURSE OUTLINE:**

I.   **INTRODUCTION TO EMERGENCY MANAGEMENT**
A.   **History of emergency management.**
B.   **Basics of current emergency management doctrine.**
C.   **Whole Community philosophical approach to emergency management.**
II.   **HAZARD / RISK ASSESSMENT**
A.   **Discuss different categories of hazards and the effects on jurisdictions and organizations.**
B.   **Risk, hazard, vulnerability assessments.**
III.   **MITIGATION**
A.   **Mitigation tools and strategies.**
B.   **Barriers to implementation of mitigation strategies.**
IV.   **PREPAREDNESS**
A.   **Systems approach and the preparedness cycle.**
B.   **Emergency operations plans.**
C.   **National Preparedness System.**

D.   Evacuation planning and planning for special populations.
E.   Personal preparedness, training, and exercises.
V.   COMMUNICATIONS
A.   Role of the media in emergencies and disasters.
B.   Crisis communications planning.
C.   Information management and social media issues.
VI.   RESPONSE
A.   Local, State, Federal response and the National Response Framework.
B.   Organizational coordination and emergency support functions.
C.   Mission assignment process and Incident Management Assistance Teams (IMAT).
VII.   RECOVERY
A.   Fundamentals of recovery and pre-incident recovery planning.
B.   Recovery functions and disaster recovery assistance programs.
C.   National Recovery Framework.
D.   Community and volunteer organizations active in disasters.
VIII.   INTERNATIONAL EMERGENCY MANAGEMENT
A.   Disasters in developing nations.
B.   United Nations (UN) and US Federal government support to disasters.
C.   Non-Governmental Organizations (NGOs) and international financial organizations.
IX.   TERRORISM
A.   Changes to emergency management and the War on Terror.
B.   Terrorist threats and actions.
C.   Homeland Security and statutory basis of terrorist threat management.
X.   FUTURE OF EMERGENCY MANAGEMENT
A.   Future challenges and opportunities.

Q.   **LABORATORY OUTLINE:** None ☒ Yes ☐