THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

HPM 422

Emergency Management I – Analytic Methods
(No. Credit Hours: 3)

Department of Health Policy and Management

Gillings School of Global Public Health

Syllabus Fall */ 2018*
Online / SAKAI Course Site

Every other Monday evening from 8:00 – 9:30pm (ADOBE Connect)

Instructor:	Bill Gentry	TA:	Courtney DeRoo
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Phone:	(919) 966-4228	Phone:	
Office hours:	M-W 1:00 – 4:00pm OR By Appointment	Office Hours:	

Course Overview

This course is designed to teach students the methods of assessing, designing and evaluating disaster management systems, including forensic epidemiology, risk assessment, and cost/benefit analysis. The course is divided into four – four week modules and one additional overall cross course module: Module 1 – Active Public Health Surveillance and Environmental Health Surveillance, Module 2 – Program Evaluation Methods and Cost Benefit Analysis, Module 3 – Emergency Management Law and Disaster Response Ethics, Module 4 – Political Savvy and HR Overview, and the Cross Course Module: Foodborne Outbreak Investigation.

Learning Objectives and HPM Competencies

	Course Learning Objective	*HPM Competencies*
1.	An introduction into the systematic assessment of the health of a community based on the collection, interpretation and dissemination of health surveillance data.	Information Seeking Analytical Thinking
2.	An introduction into the basic concepts of program evaluation and cost benefit analysis and how these program methods can be used to improve disaster preparedness and response.	Political Savvy Change Management Professionalism
3.	An exploration of the idea of analyzing a retrospective or prospective course of action by comparing the costs of the action to its benefits.	Accountability Analytical Thinking
4.	An overview of the liability and immunity laws that apply to emergency management in North Carolina, and provide guidance on ethical issues and questions that may arise during and post disaster.	Political Savvy Change Management Professionalism Accountability

Resources: (e.g., website, text, articles, web sources, other resources, etc.)

Website: HPM 422 has its own website using Sakai software (http://sakai.unc.edu)

Text: All readings are included in SAKAI on the course website as either links or PDF attachments.

Requirements and Expectations: (e.g., discussion forums, class participation, cell phones and laptops, etc.)

Students have one bi-weekly, evening class meetings, and may be required to participate in weekly on-line discussion forums. A question or topic relevant to the course material may be posted at the start of each module on Wednesday afternoon on the course website under "Forums." Students should use readings from the course and their own experiences in discussing these questions. The purpose of these discussions is to explore what students know about an issue, how to apply that knowledge in various settings, how issues compare and contrast with each other, and how to evaluate selected issues.

Students are expected to use resources from the library, Internet, and course materials in documenting their work. (Include a list of resources, including websites and the date you visited each site in your final paper.) Projects should integrate concepts from course lectures and readings, and from other academic and professional literature.

Group project grades are based on the following:

- Logical, appropriate, evidence-based conclusions, analyses, and recommendations in the paper
- Effectiveness of group management
- Clearly written paper with topics arranged logically. Well designed tables and figures that convey relevant, important information
- Effective, appropriate application of course materials and other resources

Evaluation / Grading: (e.g., grade components, grading scale, exams, evaluation criteria, etc.)

Eight individual assignments are required to be completed, as well as, a semester long group assignment. Class attendance every other week is mandatory, or reviewing the class recording if you have an excused absence, and providing a bulleted summary to the instructor.

Component	% of Grade
Individual Assignments	70
Group Assignment	20
Class Attendance	10

Grade Scale	Grade
92 - 100	H
75 - 91	P
60 - 74	L
Below 60	F

Guidelines on Use of Laptops and Other Electronics in Classroom:

All students are expected to be in class with approved laptops / tablets that are equipped with USB full headset with microphone.

Recognizing, Valuing, and Encouraging Diversity:

The importance of diversity is recognized in the mission statement of HPM.   In the classroom, diversity *strengthens* the products, *enriches* the learning, and *broadens* the perspectives of all in the class. Diversity requires an atmosphere of inclusion and tolerance, which oftentimes challenges our own closely-held ideas, as well as our personal comfort zones. The results, however, create a sense of community and promote excellence in the learning environment. This class will follow principles of inclusion, respect, tolerance, and acceptance that support the values of diversity.

Diversity includes consideration of: (1) life experiences, including type, variety, uniqueness, duration, personal values, political viewpoints, and intensity; and (2) factors related to "diversity of presence," including, among others, age, economic circumstances, ethnic identification, family educational attainment, disability, gender, geographic origin, maturity, race, religion, sexual orientation, social position, and veteran status.

Disability Accommodation

UNC-CH supports all reasonable accommodations, including resources and services, for students with disabilities, chronic medical conditions, a temporary disability, or a pregnancy complication resulting in difficulties with accessing learning opportunities.

All accommodations are coordinated through the UNC Office of Accessibility Resources & Services (ARS), http://accessibility.unc.edu; phone 919-962-8300 or email accessibility@unc.edu. Students must document/register their need for accommodations with ARS before any accommodations can be implemented.

UNC Honor Code:

The principles of academic honesty, integrity, and responsible citizenship govern the performance of all academic work and student conduct at the University as they have during the long life of this institution. Your acceptance of enrollment in the University presupposes a commitment to the principles embodied in the Code of Student Conduct and a respect for this most significant Carolina tradition. Your reward is in the practice of these principles.

Your participation in this course comes with the expectation that your work will be completed in full observance of the Honor Code. Academic dishonesty in any form is unacceptable, because any breach in academic integrity, however small, strikes destructively at the University's life and work.

If you have any questions about your responsibility or the responsibility of faculty members under the Honor Code, please consult with someone in either the Office of the Student Attorney General (966-4084) or the Office of the Dean of Students (966-4042).

Read "The Instrument of Student Judicial Governance" (http://instrument.unc.edu).

Course Evaluation:

HPM participates in the UNC-CH's online course evaluation system, enabled at the end of the semester by Scantron Class Climate. Your responses will be anonymous, with feedback provided in the aggregate. Open-ended comments will be shared with instructors, but not identified with individual students. Your participation in course evaluation is an expectation, since providing constructive feedback is a professional obligation. Feedback is critical, moreover, to improving the quality of our courses, as well as for instructor assessment.

Course Schedule (include with the syllabus)

August – December

HPM 422	Emergency Management I-- Analytic Methods	Module 1: Surveillance Systems Environmental Health Surveillance	4 wks	Sep – Oct
		Module 2: Program Evaluation Methods Cost Benefit Analysis	4 wks	Aug – Sep
	FALL 2017 August - December 2018	Module 3: Emergency Management Law and Liability Disaster Response Ethics	4 wks	Oct – Nov
		Module 4: Political Savvy & HR Overview	4 wks	Nov – Dec
		Cross-Course Project – Food Borne Outbreak Investigations		Aug - Dec