

**UNIVERSITY OF HAWAII
(GRADUATE SCHOOL OF PUBLIC
HEALTH)**

Current Issues and Topics in International Health

PUBLIC HEALTH ASPECTS OF DISASTER MANAGEMENT
AND EMERGENCY SERVICES SYSTEMS

PH 729 - 3 CREDITS - FALL 1993
WEDNESDAY, 4:30 - 7:30 PM, BIOMED C104

Instructors: Frederick M. Burkle, Jr., MPH, MD
Walter Patrick, MD, Ph.D
Edward Kalinowski, BSN, M.Ed

Grading: A-F

Prerequisites: Approval from instructor
Contact Hours: One 3 hr. session/week

COURSE DESCRIPTION:

This seminar is designed to meet the need for a recognized curriculum in the Public Health aspects of disaster care and organized emergency medical services systems. The seminar provides an understanding of the phenomena of disasters and management of disaster impacts, as well as an understanding of the emergency medical services system, currently in place in North America, which serves as a model for the developing systems world wide. In addition, examination and analysis of relevant models for disaster management in developing countries will be done through case studies and individual or group projects that provide insights on the problems and strategies for disaster management.

Analytical and assessment skills will be emphasized. The course will focus on expanding the link between the existing and developing science of disasters and public health.

RATIONALE FOR THE COURSE:

The incidence of Natural and Man-Made disasters impacting on large populations has increased dramatically throughout the world. On a daily basis, public health professionals are faced with organizational, planning and direct and indirect health care consequences that exceed any specific specialty and effect multiple populations. This course will provide an overview of the general and specific impacts of disasters and emergency medical services systems within the public health scope while identifying available technologies, management techniques and organizational aid that is available to deal with this multifaceted problem.

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COURSE GOALS:

This course aims to provide the students general knowledge regarding the dynamics of Disaster Management; to become familiar with the complex issues and problems associated with the organization, management, and planning for specific disaster scenarios; and to be able to develop a working knowledge for the public health professional, one that contributes to vital team management issues.

Students from all backgrounds are encouraged to attend. The field of studies in DM/EMSS is not confined to those in the medical and nursing sciences. Indeed the vitality that DM/EMSS contains is due to the wide interdisciplinary research, management of the team efforts, and the efficacy of performance under varied and difficult conditions.

LEARNING OBJECTIVES:

1. The student will have an understanding of the issues related to the public health impacts of disasters. These issues include both social and cultural perceptions and attitudes as well as actual defined impacts on physical, economic, and health care systems acutely and over the long-term.
2. The student will have a general knowledge of the nature and dynamics of Emergency Medical Services Systems as they relate to disaster management.
3. The student will develop an awareness and understanding of disasters and their implications on assessment, management, evaluations and prevention issues nationally and internationally.
4. The student will have an understanding of the knowledge and skills utilized in assessment, planning and research in the management and prevention of disasters and their impacts.

STUDENT LEARNING EVALUATION:

Will be based upon:

Class Participation	40%
Case Study Panel	60%

COURSE EVALUATION:

An anonymous course evaluation will be completed by students upon completion of the course.

PR 729
 PUBLIC HEALTH ASPECTS OF DISASTER MANAGEMENT
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 AUGUST 25 - DECEMBER 8, 1993
 WEDNESDAY, 4:30-7:30 PM, BIOMED C104

AUG. 25	INTRODUCTION TO SEMINAR OVERVIEW OF DISASTER ISSUES	BURKLE/PATRICK
SEPT. 1	PUBLIC HEALTH ANATOMY OF A DISASTER	BURKLE
SEPT. 8	NATURAL DISASTERS	BURKLE
SEPT. 15	APPLICATIONS OF EPIDEMIOLOGIC PRINCIPLES TO THE DISASTER SITE	HANSEN
SEPT. 22	DETERMINATION OF ASSESSMENT, SURVEY, AND SURVEILLANCE TECHNIQUES IN DISASTER MANAGEMENT	WILLIAMS
SEPT. 29	DISASTER PLANNING AND PREPAREDNESS FOR HOSPITALS AND COMMUNITIES	BURKLE
OCT. 6	ORGANIZATION OF EMSS IN DISASTER MANAGEMENT: PART I	KALINOWSKI
OCT. 13	COMPLEX HUMANITARIAN EMERGENCIES	BURKLE
OCT. 20	ORGANIZATION OF EMSS IN DISASTER MANAGEMENT: PART II: DOMESTIC CASE STUDY	KALINOWSKI
OCT. 27	FAMINE AND REFUGEES: ISSUES AND CONTROVERSIES	BURKLE
NOV. 3	MENTAL HEALTH ASPECTS OF DISASTERS	BURKLE/PATRICK
NOV. 10	ANATOMY OF DISASTER RELIEF: HROs, NGOs, PVOs, AND INTERNATIONAL HUMANITARIAN LAW	BURKLE
NOV. 17	CASE STUDY	PATRICK
NOV. 24	CASE STUDY	BURKLE/PATRICK
DEC. 1	CASE STUDY	BURKLE/PATRICK
DEC. 8	CASE STUDY SOCIAL EVENT	BURKLE/PATRICK

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REQUIREMENTS:

Include graduate standing and consent of the instructor.

READINGS:

An extensive reading material of selected articles consisting of the attached bibliography has been compiled and available in the reference library for the student.