

SUBJECT DESCRIPTION FORM

Subject Title : Introduction to Disaster Nursing **Identifying Code:** SN2013

No. of Credits : 3

Originating Department:

School of Nursing, The Hong Kong Polytechnic University

Duration: One semester

Pre-requisite :

Clinical Studies I (SN2190)/ Clinical Practicum I (SN2192)/ Field Study I (SN2012)

Co-requisite : Nil

Teaching Pattern :

Lecture	28 hours
Tutorial/ seminar presentation/ visit	14 hours

Assessment Pattern :

Continuous assessment: Group representations & individual disaster preparedness plan	60%
Examination	40%

Learning Outcomes:

Professional knowledge and skills	Upon completion of this subject, students will be able to: 1. define and describe the concepts of disaster nursing (Syllabus item 1) 2. outline the basic principles of emergency management (Syllabus item 1) 3. identify preparation for disaster in a community (Syllabus item 2) 4. identify nursing activities during and after disaster (Syllabus item 4-8) 5. describe the process in rebuilding the communities after disaster (Syllabus item 10) 6. apply findings of disaster research to suggest nursing care for vulnerable groups (Syllabus 3, 11)
Attributes for all-roundedness	1. identify multidisciplinary and international cooperation in disaster management (Syllabus item 9)

Syllabus:

1. Introduction to disaster nursing:
 - a. Definition of disaster, classification, types, stages, characteristics
 - b. Impact of disaster on health
 - c. Principles of emergency management: four Cs of Command, Control, Coordination and Communication; the Comprehensive Approach and its parts (Prevention, Mitigation, Planning/Response/Recovery);
2. Disaster preparedness:
 - a. Health education for general public
 - b. Contingency plan in health care facilities and communities
3. Systemic assessment (before, during and after a disaster)
 - a. Victim
 - b. Survivors
 - c. Vulnerable people
 - d. Communities
4. Emergency care during disaster
 - a. Life saving and emergency care
 - b. Health maintenance of the evacuees
 - c. Improving food and shelter environment
 - d. Prevention of infectious/ controlling epidemics
 - e. Care of the dead and their immediate family
5. Psychosocial care for victims and family
 - a. The psychological reaction of victims and family during and after disaster:
 - grief and bereavement care
 - post-traumatic stress syndrome
 - b. Supporting disaster survivors in making decision
6. Care of vulnerable groups:
 - a. Elderly
 - b. Pregnant women
 - c. Children
 - d. People with chronic illness such as cancer, stroke, heart disease
 - e. People with disabilities
 - f. People with mental illness
7. Legal and ethical issues in disaster nursing
8. Protection and care of caregiver
9. Multidisciplinary and international cooperation
10. Rebuilding of communities
11. Evidence base in disaster nursing

Reading List :

Books:

Langan, J.C. (2005). Preparing nurses for Disaster Management. New Jersey: Pearson.

Veenema, T.G. (2003). Disaster nursing and emergency preparedness for chemical, biological, and radiological terrorism and other hazards. New York: Springer Publishing Company.

Journals articles:

Akins, R.B., Williams, J. R., Silenas, R. & Edwards, J. C. (2005). The role of public health nurses in bioterrorism preparedness. Disaster Management & Response 3, (4), 98-105.

Davies, K. (2005). Disaster preparedness and response : more than major incidence initiation. British Journal of Nursing. 14, (16), 868-871.

Fung, W. M. O., Lai, K.Y. C & Loke, A. Y. (2009). Nurses' perception of disaster: implications for disaster nursing curriculum. *Journal of Clinical Nursing (to be published)*

Fung, W. M. O., Loke, A. Y. & Lai, K.Y. C. (2008). Disaster Preparedness among Hong Kong Nurses. *Journal of Advanced Nursing* 62(6), 698-703.

Glass,,T.A. (2001). Understanding public response to disasters. Public Health Reports. Supp2, (116), 69-73.

Lau, P.F. & Lau, C.C. (1997). A disaster drill in Hong Kong. Accident and Emergency Nursing 5, 34-38.

Saliba,,D., Buchanan, J. & King, R.S. (2004). Function and response of nursing during community disaster. America Journal of Public Health 9, (48), 1436-1441.

Wise, G. I. (2007). Preparing for disaster: A way of developing community relationships. . Disaster Management & Response 5, (1), 14-17.

Useful web sites:

<http://www.coe-cnns.jp/eng/index.asp>

<http://icn.ch/disasterprep.htm>

<http://www.redcross.org.hk/>

<http://pdm.medicine.wisc.edu/>
