

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		05-51	Apr 3/2/06	Apr 5/2/06

**Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee**

Contact Person Amy Labant	Email Address alabant@iup.edu
Proposing Department/Unit Department of Nursing and Allied Health	Phone 724-357-3255

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

<b>1. Course Proposals (check all that apply)</b> <input checked="" type="checkbox"/> New Course <input type="checkbox"/> Course Prefix Change <input type="checkbox"/> Course Deletion <input type="checkbox"/> Course Revision <input type="checkbox"/> Course Number and/or Title Change <input type="checkbox"/> Catalog Description Change		
		NURS 101 Disaster Awareness
<i>Current Course prefix, number and full title</i>		<i>Proposed course prefix, number and full title, if changing</i>
<b>2. Additional Course Designations: check if appropriate</b> <input type="checkbox"/> This course is also proposed as a Liberal Studies Course. <input type="checkbox"/> Other: (e.g., Women's Studies, Pan-African) <input type="checkbox"/> This course is also proposed as an Honors College Course.		
<b>3. Program Proposals</b> <input type="checkbox"/> New Degree Program <input type="checkbox"/> Program Title Change <input type="checkbox"/> Program Revision <input type="checkbox"/> New Minor Program <input type="checkbox"/> New Track <input type="checkbox"/> Other		
<i>Current program name</i>		<i>Proposed program name, if changing</i>
<b>4. Approvals</b>		
Department Curriculum Committee Chair(s)	<i>Elizabeth Palmer</i>	<i>2/28/06</i>
Department Chair(s)	<i>D. Melville Deurick</i>	<i>2/27/06</i>
College Curriculum Committee Chair	<i>Elizabeth Palmer</i>	<i>2/27/06</i>
College Dean	<i>Walner Brycki</i>	<i>2/28/06</i>
Director of Liberal Studies *		
Director of Honors College *		
Provost *		
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs		

**Received** \* where applicable

**FEB 28 2006**

**Liberal Studies**

## **SYLLABUS OF RECORD**

### **I. Catalog Description**

NURS 101 Disaster Awareness

1 class hour

0 lab hours

Prerequisites: None

1 credit

(1c-01-1cr)

Provides students with a basic understanding of the essentials of disaster planning, responding to mass casualty incidents, and post-disaster restoration of basic public health. This course will introduce a basic overview of health issues caused by biological, chemical, explosive and natural disasters.

### **II. Course Outcomes**

At the end of this course, the student will:

1. Define the major types of disasters.
2. Identify the five areas of focus in emergency and disaster planning: preparedness, mitigation, response, recovery, and evaluation.
3. Identify legal and ethical issues associated with disaster preparedness.
4. List major health risks in a population affected by a disaster.
5. Recognize the physical and psychosocial effects on children and adults exposed to biological, chemical, and natural disasters.
6. Identify basic principles in managing casualties following a disaster.

### III. Course Outline

<b>Week 1</b>	Introduction to Course A. Basic Definition of: Biological Disaster Chemical Disaster Explosive Disaster Natural Disaster	1 Hour
<b>Week 2</b>	Basic Overview of Disaster Planning A. Essentials of disaster planning B. Post-disaster restoration C. Interagency communication	1 Hour
<b>Week 3</b>	National Disaster Response Network A. Local Government B. State Government C. Federal Government/Homeland Security	1 Hour
<b>Week 4</b>	National Disaster Response Network A. Voluntary Organizations	1 Hour
<b>Week 5</b>	Legal and Ethical Issues in Disaster Response A. State Emergency Health Powers Act B. Reporting diseases C. Disclosure of health information D. Quarantine E. Vaccination	1 Hour
<b>Week 6</b>	Basic Overview and Essentials of Chemical Agents: Health Assessment/Signs and Symptoms A. Blister/Vesicants B. Blood Agents C. Choking/Lung/Pulmonary Agents D. Incapacitating Agents	1 Hour
<b>Week 7</b>	Basic Overview and Essentials of Biological Agents: Health Assessment/Signs and Symptoms A. Anthrax B. Smallpox C. Tularemia	1 Hour

<b>Week 8</b>	<b>Basic Overview and Essentials of Biological Agents: Health Assessment/Signs and Symptoms</b> A. Viral hemorrhagic fever B. Botulism C. Ricin poisoning	<b>1 Hour</b>
<b>Week 9</b>	<b>Basic Overview of Explosion and Blast Injuries</b> A. Triage B. Mass casualties	<b>1 Hour</b>
<b>Week 10</b>	<b>Basic Overview of Natural Disasters</b> A. Flood B. Tornado C. Blizzard/Heavy snowfall	<b>1 Hour</b>
<b>Week 11</b>	<b>Basic Overview of Restoring Public Health</b> A. Water safety B. Food safety C. Major food borne diseases	<b>1 Hour</b>
<b>Week 12</b>	<b>Basic Overview of Unique Needs of Children During Disasters</b> A. Physiological considerations B. Psychological considerations	<b>1 Hour</b>
<b>Week 13</b>	<b>Basic Overview of Psychosocial Impact of Disasters</b> A. Community impact and resource management	<b>1 Hour</b>
<b>Week 14</b>	<b>Introduction to basic principles involved with a mock disaster</b>	<b>1 Hour</b>
	<b>Culminating Activity</b>	<b>2 Hours</b>

#### **IV. Evaluation Methods**

The final grade will be determined as follows

45% Exams – Mid-term and final exam will be given during the term. The exams will consist of multiple choice, short answer and essay questions.

30% Quizzes – Quizzes will be given throughout the semester. Quizzes will be based on lecture material and reading assignments. There will be no make-up time allotted for quizzes.

25% Book Review – Students must receive faculty approval of the selected book that focuses on disaster awareness. Review guidelines will be distributed in class.

<u>Grading Scale</u> -	A	90-100%
	B	80 -89%
	C	70 -79%
	D	60 -69%
	F	Less than 60%

#### **V. Attendance Policy**

The University expects all students to attend class and the final exam. Students may miss one excused day for the course. If the student is unable to take an exam on the assigned date, due to illness or personal emergency, the student must notify the instructor prior to the exam. If the student does not notify the instructor, a zero grade will be given for the exam. There will be no make-up time allotted for quizzes.

#### **VI. Required Textbooks**

None. Readings and websites will be provided.

#### **VII. Special Resource Requirements**

None

## VIII. Bibliography

- American Academy of Pediatrics (2003). *Family readiness kit*. Retrieved June 23, 2003 from <http://www.aap.org/family/frk/frkit.html>.
- American Red Cross. (2002). *Guidelines for disaster nursing* (unpublished manual). Falls Church, VA.
- American Red Cross. (2001). *Disaster preparedness for seniors by seniors*. Retrieved June 19, 2005, from <http://www.redcross.org/services/disaster/beprepared/seniors.html>.
- Centers for Disease Control and Prevention. (2003). *Mass trauma preparedness and Response: Explosions and blast injuries, a primer for clinicians*. Retrieved June 23, 2003, from [www.cdc.gov](http://www.cdc.gov).
- Centers for Disease Control and Prevention. (2002). Rapid assessment of injuries among survivors of the terrorist attack on the World Trade Center, New York City, September 11, 2002. *Morbidity and Mortality Weekly Report*, 51, 1-4.
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- Collins, S., Duffield, A., & Myatt, M. (2000). *Assessment of nutritional status in emergency-affected populations*. Geneva, Switzerland: World Health Organization.
- Dickens, G. (2002). A basic review of personal protection equipment (PPE). In P. Maniscalco & Christen (Eds.), *Understanding terrorism and management consequences* (pp. 301-311). Upper Saddle River, NJ: Prentice Hall.
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- Sobel, J., Khan, A. S., & Swedlow, D. L. (2002). Threat of a biological terrorist attack on the U.S. food supply: The CDC perspective. *The Lancet*, 359, 874-880.
- U.S. Department of Education (2003). *Campus public safety: Weapons of mass Destruction terrorism protective measures*. Retrieved 6/12/05 from <http://www.ed.org/admins/lead/safety/emergencyplan/campussafe.html>.

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

## Course Analysis Questionnaire

### A. Details of the course

A1. *How does this course fit into the programs of the department?*

This course is designed as an elective for undergraduate majors to provide a basic understanding of health components of disaster awareness. This includes knowledge of types of disasters, areas of focus in a disaster, awareness of mass casualty incidents, and health consequences. This material is not addressed in the nursing curriculum and is not intended to be a Liberal Studies course.

A2. *Does this course require changes in the content of existing courses or requirements for a program?*

This course does not require changes in any other course in the department.

A3. *Has this course ever been offered at IUP on a trial basis.*

This course has been offered as NURS 281 Spring 2004, Fall 2005, and Spring 2006. Fifteen to twenty-five students were enrolled in the course.

A4. *Is this course to be a dual-level course?*

This course is not intended to be a dual level course.

A5. *If this course may be taken for variable credit, what criteria will be used to relate the credits to learning experience of each student?*

This course is not to be taken for variable credit.

A6. *Do other higher education institutions currently offer this course?*

We are not aware that a 1 credit elective course is offered at other institutions. The University of Pittsburgh offers a 3 credit course titled Community Health and Disaster Preparedness for BSN and MSN students.

A7. *Is the content, or are the skills, of the proposed course recommended or required by a professional society, accrediting authority, law or other external agency?*

No professional society, accrediting authority, law or other external agency requires the content of the proposed course.

## **B. Interdisciplinary Implications**

B1. *Will this course be taught by instructors from more than one department or team taught within the department?*

This course will be taught by one instructor.

B2. *What is the relationship between the content of this course and the content offered by other departments?*

The content of this course partially overlaps with the Natural Science/ Science for Disaster Response Track. NURS 101 Disaster Awareness provides a basic overview of events caused by natural, biological, chemical, and explosive disasters but only at a fundamental level. There is no type of training involved or prerequisites required. The Natural Sciences Department offers a B.S. in Natural Science/Science for Disaster Response Track. This track is intended for National Guard Bureau's Weapons of Mass Destruction Civil Support Teams, other United States Government WMD and homeland security response elements, state and local civilian WMD and homeland security response elements, and related emergency planners. Graduate courses are offered at IUP in the Weapons of Mass Destruction REALITI Program and the Department of Safety Sciences. The Department of Safety Sciences offers emergency and disaster preparedness for hazardous materials and fire protection where the primary focus is on safety and fire aspects.

B3. *Will this course be cross-listed with other departments?*

This course is not cross-listed.

## **C. Implementation**

C1. *Are faculty resources adequate?*

Faculty resources are adequate to teach this course. Many nursing faculty are able to incorporate 1 credit elective into their teaching assignment.

C2. *What other resources will be needed to teach this course and how adequate are the current resources?*

- a. Current space allocations are adequate to offer this course.
- b. No special equipment is needed for this course.
- c. No laboratory supplies are necessary for this course.
- d. Library holdings are adequate.
- e. No travel funds are needed.



C3. *Are any of the resources for this course funded by a grant?*

The Virginia Henderson Nursing Grant was awarded to purchase Personal Protective Equipment (PPE) for demonstration purposes for this class.

C4. *How frequently do you expect this course to be offered?*

This course will be offered once a year.

C5. *How many sections of this course do you anticipate offering in any single semester?*

One section will be offered at a time.

C6. *How many students do you plan to accommodate in a section of this course?*

Up to 25 students can be accommodated in this class due to field trips to such places as the Indiana County 911 center and Indiana Regional Medical Center.

C7. *Does any professional society recommend enrollment limits or parameters for a Course of this nature?*

No professional society recommends enrollment limits or parameters for this course.

C8. *If this course is a distance education course, see the Implementation of Distance Education Agreement and the Undergraduate Distance Education Review.*

This course does not involve the use of distance education.

#### **D. Miscellaneous**

Letter of support from Dr. Andrew Browe, Natural Science Coordinator, is attached.  
Letter of support from Dr. Lon Ferguson, Chairperson, Safety Sciences Department

To: Amy Labant, Nursing Dept.

From: Andrew Browe, Natural Science Coordinator  
Roberta Eddy, SDR Program Director



Re: Nursing 101 Disaster Awareness

We have reviewed the course description for NURS 101 Disaster Awareness submitted for review by Amy Labant in the Nursing Department. Although there is considerable overlap in course content with the existing Science of Disaster Response (SDR) courses and the present course proposal, we conclude that the intended audience for this course is substantially different to warrant approval and support of this course proposal. This course proposal is designed as a survey course dealing with basic principles of the issues involved in disaster awareness. This course is intended primarily for nursing students as an initial exposure to natural and man-made disaster conditions. In contrast, the SDR program is designed for detailed training of individuals in the identification, detection and rapid response to an existing disaster condition. The SDR program is intended for individuals with an interest and background in disaster preparedness.

Thus we support the development of this introductory course as a viable course offering for Nursing students.

**Amy Labant**

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**From:** "Lon Ferguson" <ferguson@iup.edu>  
**To:** "Amy L Labant" <alabant@iup.edu>  
**Cc:** "Lon Ferguson" <ferguson@iup.edu>; "Tracey Cekada" <cekadat@iup.edu>; "Robert D. Soule" <bobsoule@iup.edu>  
**Sent:** Monday, February 27, 2006 9:56 AM  
**Subject:** NURS 101

Hi Amy:

The Safety Sciences Undergraduate Curriculum Committee has reviewed the course proposal for NURS 101. During our initial review of this course proposal we were concerned with the overlap of "disaster awareness" with several of our existing courses, specifically SAFE 101, 220 and 311 all of which have specific units on disaster and emergency preparedness. We are required to cover this topic area as part of our accreditation with ABET.

In the above courses we tend to focus on the safety, fire and hazardous materials aspects of disaster response. Therefore, the Safety Sciences Undergraduate Curriculum Committee suggested that to avoid the overlap the course description be changed to reflect the focus of NURS 101 to be on health issues caused by biological, chemical, explosive and natural disasters.

This change was made in the course description and we believe the content reflects this focus on health issues. Therefore, the Safety Sciences Department supports NURS 101 Disaster Awareness.

Dr. Lon Ferguson  
 Chairperson, Safety Sciences Department  
 Indiana University of Pennsylvania  
 Phone: 724-357-3017  
 Fax: 724-357-3992

----- Original Message -----

**From:** "Amy L Labant" <alabant@iup.edu>  
**To:** <ferguson@iup.edu>  
**Cc:** <alabant>  
**Sent:** Friday, February 24, 2006 7:59 AM  
**Subject:** NURS 101

> Lon,  
 >  
 > The Department of Nursing and Allied Health has forwarded NURS 101  
 > Disaster Awareness course proposal for your review. We would like to ask  
 > for a letter of support from the Safety Sciences Department.  
 > Thank you for your time.  
 >  
 > Sincerely,  
 >