



College Document # _____
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CATALOG YEAR 06
(Please use separate form for each add/change)

COLLEGE/SCHOOL : Canseco School of Nursing

Current Catalog Page(s) Affected 418

Course: Add: _____ Delete: _____
(check all that apply)
Change: Number Title _____ SCH
Description _____ Prerequisite _____

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red

NURS 4470 to 4570 Comprehensive Emergent Care, see attached will increase hours to include content in disaster nursing.

Program: Add: _____ Change: _____ Attach new/changed Program of Study description and 4-year plan. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor.
If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

Faculty: Add: _____ Delete: _____ Change: _____ Attach new/changed faculty entry.
If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

College Introductory Pages: Add information: _____ Change information: _____
Attach new/changed information. If in current catalog, copy and paste the text from the on-line catalog and indicate changes in red.

Approvals: Signature _____ Date 10-19-06
Chair [Signature]
~~Department Curriculum Committee~~

Chair [Signature] 10-20-06
~~Department School of Nursing~~

Chair _____
College Curriculum Committee

Dean _____

Texas A&M International University
School of Nursing
NURS 4570: Comprehensive Emergent Care

Spring Senior Year

Credits: 5 SCH (2 seminar / 3 clinical)

Prerequisite: NURS 3302, NURS 3590, NURS 3314, NURS 3315, and/or
Permission of Instructor

Placement: Senior Year

Catalog Course Description: This course focuses on the development of advanced nursing knowledge and skills in the acute care of high risk populations. Because students will have contact during the course with individuals and families from diverse cultural groups, health care problems and needs are examined with regard for the unique influences of divergent cultural, economic, and political forces. However, the emphasis of the course is on the mastery of competencies and confidence in the provision of direct nursing care to high risk individuals demanding emergent care. Students will assess, plan, implement and evaluate comprehensive nursing care with clients at risk during post traumatic events, bioterrorism events, and environmental disasters

Course Objectives Upon completion of this course, the student will have had opportunities to:

1. Synthesize knowledge from the arts, humanities, science, and other disciplines in developing a framework for urgent and emergent nursing knowledge and practice. (1)
2. Explore needs for emergent nursing care as functions of variations in health status, developmental processes, values, beliefs, and attitudes, history, and environment. (2)
3. Use critical thinking, clinical judgement, problem-solving, and the research process in the development of emergent and/or critical care nursing knowledge and practice. (3)
4. Plan, implement, and evaluate theory-based and culturally-appropriate nursing care with critically ill individuals and their families. (4)
5. Synthesize health promotion strategies to address issues of critical care and emergency nursing. (5)
6. Develop professional nursing practice frameworks and roles, including the provider of care, health care team member/collaborator, leader/manager, teacher, scholar, advocate, activist, mentor, and entrepreneur in critical care and/or emergency nursing. (6)
7. Evaluate the impact of evolving socioeconomic and political forces on emergency and/or critical nursing practice and health care systems. (7)
8. Synthesize legal and ethical principles in the practice of emergency and/or critical care nursing. (8)
9. Articulate a commitment to life-long learning, professional accountability, and community service. (9)

Content Outline: Nursing Care of High-Risk Populations includes four content units:

- I. Essentials of Advanced Cardiac Life Support (ACLS)
- II. Expanding nursing practice skills to individuals and families at high risk
- III. Essentials of Trauma Nursing Care
- IV. Evaluating health care services rendered in emergent care including all types of disasters

Unit Learning Objectives: Student learning objectives for each of the four content units are as follows:

- I. Essentials of Advanced Cardiac Life Support (ACLS)
 1. Identify devices and procedures necessary to provide emergent care.
 2. Analyze trends in national, state, and border morbidity and mortality data concerning various high risk populations
 3. Describe racial and ethnic differences in the incidence of health problems.
 4. Describe age, occupation, and gender differences in the treatment of individuals and families at risk.
 5. Identify the indication, action, dosing and precautions for pharmacologic agents used in emergent situations.
 6. Demonstrate mastery of core-level knowledge and psychomotor skills associated with the delivery of professional nursing care to the client with cardiac complications.
- II. Expanding nursing practice skills to individuals and families at high risk
 1. Determine the common characteristics of individuals and families at high risk for injury.
 2. Determine the relative contributions of life style and environmental conditions to their risk factors.
 3. Analyze lay and professional beliefs and attitudes concerning the adequacy of health care resources and the services provided to these individuals.
 4. Compare and contrast nursing strategies currently used to care for vulnerable populations.
 5. Demonstrate current nursing practice skills in the care of individuals and families in need of emergent care.
- III. Essentials of Trauma Nursing Care

1. Demonstrate mastery of the nursing skill repertoire essential to providing comprehensive care for a client after a traumatic events.
2. Demonstrate mastery of core-level knowledge and psychomotor skills associated with the delivery of professional nursing care to the client involved in a traumatic events.
3. Assess, plan, implement and evaluate comprehensive nursing care with clients at risk during post traumatic events, bioterrorism events, and environmental disasters.

IV. Evaluating health care services rendered in emergent care

1. Analyze health care strategies according to whether the primary emphasis is health promotion, illness prevention, or treatment, restoration or rehabilitation.
2. Evaluate the interface between nursing care and other health care services for individuals and families at high risk.
3. Determine the overall effectiveness of health care services used to manage health problems during emergent situations.
4. Analyze the legal and ethical dimensions of health care interventions for individuals and families at high risk.
5. Evaluate the standards of care for individuals and families at high risk.

V. Evaluating emergency health services related to disaster preparedness and response.

1. Analyze the disaster paradigm.
2. Apply the paradigm to:
 - a. natural and accidental man-made disasters.
 - b. Traumatic and explosive events
 - c. Nuclear and radiological events
 - d. Biological events
 - e. Chemical events
3. Evaluate the psychosocial aspects of terrorism and disasters.

Teaching Strategies:

- Lecture
- Discussion

Case Study Analysis
Group Experiences
Audio-visual Aids
Text Assignments
Independent Readings
Self Study
Observation
Clinical Practice

Required Texts:

American Heart Association. (2006). Advanced cardiac life support. Dallas: American Heart Association.
Medical-Surgical Textbook

*****Other journals, APA Manual, and supplementary references will be suggested throughout the course.

Methods of Evaluation and Course Requirements:

Tests, journal/notebook observations, case studies, skills and clinical assignments.

Grading:

Tests	60 %
Notebook/Journal	20 %
Case Studies	20 %
Clinical Assignments/Skills	*Pass/Fail

***ALL students** must successfully complete (Pass) the ACLS and Trauma Nursing clinical assignments **before** the Clinical Practicum.

ALL STUDENTS **MUST** PASS CLINICAL IN ORDER TO PASS THE COURSE.
For the School of Nursing Grading Scale, see your STUDENT HANDBOOK.

Attendance is expected. In case of absence, student will contact the instructor prior to scheduled class time and contact a classmate for notes and handouts.

In fairness to all students late papers **will not** be accepted. The grade for a late paper will be recorded as zero. All papers must be written using APA format and typewritten/ computer (No hand written papers will be accepted). All exams will be as scheduled and no make-up exams will be given. The grade for a missed exam will be recorded as zero.

Verbal class participation is expected in all classes. All students are expected to participate as active listeners and constructive verbalizers. The assigned readings and lectures will be the foundation for each class. Desirable behaviors include: active listening attention, promptness, constructive comments and questions, defense statements (NOT defensiveness), sharing knowledge in group interaction and participation in classroom and clinical activities.

The highest standards of academic honesty are expected of students. Plagiarism is NOT

accepted and is grounds for a failing grade in the course ("F").

Wilson (1985) describes plagiarism as: "Plagiarism means to steal and pass off the work of another as one's own. It usually results from bad paraphrasing or improper referencing. Both paraphrasing that merely substitutes a few word changes for those of the original author and forgetting to use quotation marks and a reference citation are technically considered plagiarism, even if you somehow hypnotize yourself into thinking that those really were your own words to express your own words to express your own ideas. The only safe way to paraphrase is to read the original over several times and then write your conception of what you've read without looking at the original. In other words, when paraphrasing, keep the source book closed" (p. 523).

Should a faculty member discover that a student has committed plagiarism, the student will receive a grade of "F" in that course, and the matter will then be referred to the Executive Director of Student Life for possible disciplinary action.

Copyright laws must be followed. The Copyright Act of 1976 grants to copyright owners the exclusive right to reproduce their works and distribute copies of their work. Works that receive copyright protection include published works such as a textbook. Copying a textbook without permission from the owner of the copyright may constitute copyright infringement. Civil penalties include damages up to \$100,000; criminal penalties include a fine up to \$250,000 and imprisonment.

CLINICAL REQUIREMENTS:

A TOTAL of 135 hours of clinical practicum are required to meet the requirements for NURS 4570. These hours will include a variety of community and practice-based experiences, to be documented in a notebook/journal. Some experiences will involve application of theoretical concepts within the nurse's practice area; others will involve hospital and community-based experiences; others will be formally arranged clinical activities in courses selected by faculty and/or student.

BASIC STUDENTS:

TWO Case presentations will be written and later presented during the clinical rotation (see attached) One will be a client seen in the emergency room and the other will be a client seen during your ICU experience, which will include a full health history and physical assessment (see attached). Journals will be kept on all clinical experiences including community activities.

RN STUDENTS:

Two case presentations will be written and later presented during the clinical rotation (see attached) One will be a client seen in the emergency room and the other will be a client seen during your ambulance rotation.

Course content will include orientation to the clinical evaluation tool (TNCC Skills/ACLS) included in this syllabus.

COURSE POLICIES:

It is of paramount importance that students recognize their responsibility for active attendance and participation in course activities. Reading assignments for a given class include the text and articles relevant to the topic being discussed for that class. Each class member's participation by reading and participating in class is essential for the benefit of all class members.

Several projects are included in the course grade. All written assignments must be prepared on computer/typewriter. Evaluation of written work will be based on content, style, format, and adherence to criteria. All scholarly papers are to follow the APA Manual. A penalty of **one letter grade per day** for late submission of ANY clinical assignments.

All papers become the property of the School of Nursing. Students who want a copy of a paper returned to them must turn in two copies of the paper. Papers generally will be graded and made available to students no later than two weeks after the due date of the project. Students will be notified of test grades within one week following test date, barring unforeseen complications.

Any student having questions regarding tests, papers and/or final course grade must make an appointment to see the faculty to review the matter no later than one week after the grade is received. A second reader for papers may be consulted when appropriate. Student requests for second readers must be made within two weeks after grade receipt. When a second reader for a paper is requested by a student, grades of the initial reader and the second reader will be averaged for the grade in question.

Open communication between students and course faculty is encouraged. Each student also has continuing access to a faculty advisor regarding individual needs and/or problems. Students are encouraged to seek assistance from the faculty.

CLINICAL GUIDELINES:

Comprehensive Emergent Care. Four semester hours, 1 class, 9 clinical. This course focuses on the development of advanced nursing knowledge and skills in the acute care of high risk populations. Because students will have contact with individuals and families from diverse groups during the course, health care problems and needs are examined with regard for the unique influences of divergent cultural, economic, and political forces. However the emphasis of the course is the mastery of competencies and confidence in the provision of direct nursing care to high risk individuals demanding emergent care.

NURS 4570 includes a variety of clinical activities. Some of these will involve independent application of the theoretical content to the nurse's practice. Other clinical activities will involve diverse settings in the Laredo and/or surrounding communities. The purpose of the clinical experience is to provide an opportunity to integrate theory and practice. Students will focus on specific activities as indicated by specific clinical assignments. You are reminded that at all times you are in a clinical area you represent the School of Nursing at Texas A&M International University to the agency and to the community.

Attendance during assigned clinical hours is mandatory. **The only reason for an absence is an unavoidable emergency.** If, for any reason, you must be absent from the clinical, you are

required to call the instructor, preferably 24 hours in advance. You may NOT leave a message, but continue to call until you have reached the instructor with your message. You are also responsible for notifying the clinical agency that you will be absent. TWO clinical absences will result in failure of the clinical component of the course. One absence can be made up at the discretion of the clinical instructor (3 hours for every hour missed).

When you are in the student role performance of clinical skills will be necessary throughout the course. To help others respect your role boundaries, you will wear your student name tag. The name tag is to read as follows:

First initial. Last name, RN
TAMIU Nursing Student

At all times you are in the student role you are expected to dress in a professional manner. Unless otherwise specified by your instructor, wear ***** during your hospital and ambulance rotations and a TAMIU polo shirt during other clinical activities. Shoes must be of sturdy construction and low heeled. Avoid perfume or cologne, because they frequently provoke allergic reactions. Hair should be neat, clean, no more than collar length and carefully styled away from your face. One pair of small, non-dangling earrings and one small ring on your hand may be worn; neck chains should be avoided, no other visual body piercing.

Bring only items necessary to the clinical setting (paper, pen, guidelines, etc.). Leave purses and all valuables or bulky items safely at home. Wear clothing that will allow you to carry items such as your keys or driver's license in your pocket.

*****Dress code to be announced

Confidentiality:

Nurses must know a great deal about their patients in order to plan comprehensive care. The student role requires that some of this information be shared with faculty and other students. Students and faculty share the burden of carefully protecting the privacy of all persons concerned. Please do not identify clients by name in any written work and do not discuss any client information outside of the assigned seminar or class times.

Criteria Notebook/Journal

Students will complete a log (see attached log) on patients seen in the Emergency Room (Health History/Examination Worksheets on client for presentation). Patients seen and/or treated at the scene of an accident (Emergency Data Assessment) will require additional information.

Health History/Examination Worksheet

Date_____

Chief Complaint:

Past Medical History:

Medications:

Medication Allergies:

Current Health Status:

Family History:

Social History:

(Habits)

Review of Systems History:

OB/Gyn:

PHYSICAL EXAMINATION

Vital Signs:

General:

Skin:

HEENT:

Neck:

Back:

Breast:

Lungs:

Heart:

Abdomen:

Rectal:

Pelvic:

Extremities:

Neurological:

IMPRESSION AND PLAN:

STUDENT

ACLS CLINICAL ASSIGNMENT

ALL students must successfully complete (Pass) the ACLS clinical assignment **before** the Trauma Center/Hospital Clinical Practicum.

Core knowledge and skills that are required to complete the ACLS clinical assignment are as follows:

For devices and procedures, students must know

Indications (knowledge)

Precautions (knowledge)

Proper Use (hands-on practice)

For pharmacologic agents, students must know

Why an agent is used (actions)

When to use an agent (indications)

How to use an agent (dosing)

What to watch out for (precautions)

Students must inform the instructor of any condition which might increase the risks of cross contamination or any physical condition that will require special consideration for performance of skills.

Written Test Score: _____

Math Test Score: _____

SKILL	PASS	FAIL	COMMENTS
Airway			
Rhythms/AED			
Mega Code			

Passed Failed

Instructor Signature

Class Schedule (RN's)

Jan 20	Review of Syllabi Review of Trauma Nursing Care Requirements Review of ACLS Requirements Review Diaster Plan	
Jan 27	ACLS Clinical Assignments Airway Management Arrhythmias/Defibrillation Pharmacology	ACLS (AHA) Text
Jan 29	Hospital Orientation (ALL STUDENTS) 9:00-12:00	
Feb 3	ACLS Case Presentations	
Feb 7	ACLS 8:00 - 12:00 p.m.	
Feb 8	ACLS 8:00 - 12:00 p.m.	
Feb 10	ACLS Test Mega Code/Math Test (Sign-Up for Time Slot Prior to Testing)	
Feb 17	Trauma Nursing Care Review Assessment (Nursing Process) Trauma Shock Pregnancy Emergencies	
Feb 24	Trauma Skills Practice Stations Airway Management	
Mar 2	Trauma Skills Practice Stations Nursing Process Spinal Immobilization	
Mar 5	TNCC Class----4:30-9:30	
Mar 6	TNCC Class----8:30-6:15	
Mar 7	TNCC Class----8:30-12:45	
Mar 9	Retest	
Mar 16	Spring Break	
Mar 23	Case Study/Demo	

Mar 30 **Explanation of Clinical Rotation**

April 6,7,8 **City-Wide Diaster Drill**

April 15 **Last Day to Drop**

April 16- **# 1 Ambulance Rotation/Hospital, Friday-Saturday-Sunday**
May2 **# 2 Ambulance Rotation/Hospital, Friday-Saturday-Sunday**
 # * Ambulance/Hospital Rotation, Friday-Saturday-Sunday

May 4 **Final Debriefing**
 Legal, Cultural, and Ethical Issues in Perspective
 JOURNALS DUE
 Ambulance Paper DUE
 Case Presentations
 Case Presentation Paper DUE

Case Presentation

1. Data collection is complete _____ (10)
 - data is complete
 - data is reliable

2. Clinical Assessment _____ (25)
 - is congruent with data
 - procedures in context of physical findings
 - formulates nursing diagnosis

3. Communication _____ (10)
 - identify cultural aspects and modify care accordingly
 - present findings to preceptor/instructor in organized, concise manner
 - rapport with client
 - clarifies patient's understanding

4. Management Plan _____ (25)
 - includes non-pharmacologic modalities (Education, referrals, supportive measures...)
 - pharmacologic agents used appropriately
 - diagnostic test and procedures/treatments
 - formulates plan of care

5. Consultation/Collaboration _____ (20)
 - well-ordered
 - reflects open, collaborative, nondefensive interaction
 - interacts with referral providers

6. APA style _____ (10)

Trauma Nursing Skills Clinical Assignment

ALL Students must successfully complete (Pass) the Trauma Nursing Skills clinical assignment **BEFORE** the Trauma Center/Hospital Clinical Practicum.

Core knowledge and skills that are required to complete the Trauma Nursing Skills clinical assignment are as follows:

Application of Core Level knowledge and vertical integration of head-to toe assessment of trauma victims

General knowledge as a basis for key signs and symptoms

Identification of the most critical signs and symptoms and prioritization of care

Actual psychomotor skills

Written Score _____

SKILL	PASS	FAIL	COMMENTS
Trauma Nursing Process			
Airway and Ventilation			
Spinal Immobilization			

Instructor

Class Schedule

Jan 17
Review of Syllabi
Review of Trauma Requirements
Review of ACLS Requirements
Review Diaster Requirements

Jan 18* **ALL STUDENTS Hospital Orientation**
Laredo Medical Center and Doctors Hospital
Canseco Hall 101 @ 8:00 - 12:00

Jan 19 **Airway**
Intubation
Respiratory Diseases
Respiratory Failure
ARDS
Mechanical Ventilation

Jan 24 **Cardiovascular Complications**
Cardiogenic Shock
Pulmonary Edema
Congestive Heart Failure

Jan 26 **Arrhythmias/Rhythms**
Myocardial Infarction/ACS
Angina
Emergency Pacing/TCP

Jan 31 **Pharmacology**
Medication Administration

Feb 2 **Stroke**
Special Situations

Feb 7 **Asystole**
Bradycardias
PEA

Feb 9 **Defibrillation/Cardioversion/AED**
VF/VT
Tachycardias

Feb 14 **Practice Mega-Code**

Feb 16 **ACLS Test**
*****Sign up for Mega Code Testing*****

Feb 21 **Mega Code Testing**
Airway Testing
Rhythm Test

Feb 23 **Trauma Nursing Review**
Assessment (A-J)

Feb 28 **Shock**
Anaphalactic
Neurogenic

**Septic
Hypovolemic
Bleeding Disorders
Blood and Blood Products
Pregnancy Emergencies**

**Mar 2 Traction
Spinal Immobilization
Compartment Syndrome
Stabilization/Transfer and Transport**

Mar 7 Trauma Test I

**Mar 9 Burns
 First
 Second
 Third
Chest Tubes**

March 13-17 SPRING BREAK

**Mar 21 Practice Nursing Process
Practice Spinal Immobilization**

**Mar 23 Thyrotoxicosis
DKA
Hypoglycemia
Acute Renal Failure
Hyperkalemia**

**Mar 28 Drug Reactions
Drug Overdose
Snake Bites**

Mar 30 Trauma Test II

**April 4 Testing/Nursing Process
Testing/Spinal Immobilization**

**April 6 Disaster Paradigm
Man-made and Environmental Disasters
Biological and Chemical Events**

**April 11 Traumatic and Explosive Events
Nuclear and Radiological Events
Psychosocial Aspects of Terrorism and Disasters**

April 13 *Disaster Test*****

*******Last Day to Drop*****April 13, 2006*******

April 18 Case Presentations

**April 20 HESI I (Belva's Class)—Morning
Haz-Mat ----- 2:30 - 4:30 p.m.**

**April 25 & 28 Kaplan Review
*****JOURNALS DUE***** (25th BEFORE Kaplan review)
No Late Journals Accepted**

May 2 FINAL EXAM (Comprehensive)

May 4 No Class (Reading Day)

**May 9 HESI II (Belva's Class)
Debriefing**

Emergent Care Nursing Students

Feb 18,19,25,26,Mar 4 and Mar 5

Group I

Group II

Group III

LMC-ICU 2:45 - 11:15 B. Gonzalez	LMC-ER 2:45 - 11:15 N.Burkhalter	7:00 - 3:00 J. Josey	Doctors Hospital-ER 2:45 - 11:15 J.Lopez, RN, MSN
Group I	Group II		Group III
Group IV	Group V		Group VI

Mar 25,26, April 1, 2, 8, and 9

Group IV

Group V

Group VI

RN's Clinical Rotation