THE UNIVERSITY OF TEXAS AT ARLINGTON COLLEGE OF NURSING

N5360 SIMULATION APPLICATION IN NURSING EDUCATION

Dr. Mindi Anderson, PhD, RN, CPNP-PC, ANEF

Summer 2010

Classroom: Smart Hospital™

N5360 Simulation Application in Nursing Education
3 semester hours (2-3)
Summer 2010
Monday 9 am – 4 pm
Room: Smart Hospital™ Office Building

INSTRUCTOR:
Mindi Anderson, PhD, RN, CPNP-PC, ANEF
Assistant Professor
Office: Pickard Hall, Room 637
Office hours: Will be announced in class and also can be made by appointment.
Office phone/voice mail: 817-272-2776
Fax: 817-272-5006
E-mail: manderso@uta.edu

While E-mail addresses are listed above, please use the **WebCT E-mail for normal correspondence with instructors.** Occasionally WebCT is off-line, then use the above E-mail addresses for communication with instructors.

COURSE WEB SITE OR WORLD WIDE WEB SITE:
http://www.uta.edu/nursing

COURSE PREREQUISITES:
Graduate Standing
Nursing Research

REQUIRED TEXTBOOKS & MATERIALS:

Required

1. Jeffries, P.R. (Ed.). (2007). *Simulation in nursing education from conceptualization to evaluation.* New York, NY: National League for Nursing. **ISBN:**9780977955749

2. One online course must be purchased and completed from the Simulation Innovation Resource Center site (student choice on which course): http://sirc.nln.org/

Recommended:
1. American Psychological Association. (2009). *Publication manual of the American Psychological Association.* (6th ed.). Washington, D.C.: American Psychological Association. **ISBN:** 9781433805615

Other reading assignments are assigned and can be obtained through electronic reserves. Please see instructions under Graduate Nursing Websites.

COURSE DESCRIPTION:
Application of simulation and active learning strategies in nursing education.

STUDENT LEARNING OUTCOMES:

Upon completion of this course, the student will be able to:

1. Contrast the advantages and disadvantages of selected types of simulation and technology used in nursing education.
2. Use an educational theory to design a learning experience for nursing students.
3. Design learning experiences using technology and simulation based on learning objectives and evidence-based practice for a clinical course.
4. Conduct a clinical simulation learning experience for a clinical course.
5. Evaluate a clinical simulation learning experience for clinical course.
6. Design an evaluation approach suitable for assessing students' learning from a clinical simulation.

ATTENDANCE AND DROP POLICY:

- Regular class attendance and participation is expected of all students.
- Students are responsible for all missed course information.

Graduate students who wish to change a schedule by either dropping or adding a course must first consult with their Graduate Advisor. Regulations pertaining to adding or dropping courses are described below. Adds and drops may be made through late registration either on the Web at MyMav or in person through the student's academic department. Drops may occur until a point in time two-thirds of the way through the semester, session, or term. The last day to drop a course is listed in the Academic Calendar available at http://www.uta.edu/uta/acadcal.

1. A student may not add a course after the end of late registration.
2. A student dropping a graduate course after the Census Date but on or before the end of the 10th week of class may with the agreement of the instructor, receive a grade of W but only if passing the course with a C or better average. A grade of W will not be given if the student does not have at least a C average. In such instances, the student will receive a grade of F if he or she withdraws from the class. Students dropping a course must: (1) complete a Course Drop Form (available online http://www.uta.edu/nursing/MSN/drop_resign_request.pdf or MSN office rooms 605 or 606); (2) obtain faculty signature and current course grade; and (3) submit the form to MSN office rooms 605 or 606.
3. A student desiring to drop all courses in which he or she is enrolled is reminded that such action constitutes withdrawal (resignation) from the University. The student must indicate intention to withdraw and drop all courses by filing a resignation form in the Office of the Registrar or by: (1) Completing a resignation form (available

online
http://www.uta.edu/nursing/MSN/drop_resign_request.pdf
or MSN office rooms 605 or 606; (2) obtaining faculty signature for each course enrolled and current course grade; (3) Filing the resignation form in the College of Nursing office room 606 or 606; and (4) Filing the resignation form in the Office of the Registrar in Davis Hall room 333.

4. In most cases, a student may not drop a graduate course or withdraw (resign) from the University after the 10th week of class. Under extreme circumstances, the Dean of Graduate Studies may consider a petition to withdraw (resign) from the University after the 10th week of class, but in no case may a graduate student selectively drop a course after the 10th week and remain enrolled in any other course. Students should use the special Petition to Withdraw for this purpose. See the section titled Withdrawal (Resignation) From the University for additional information concerning withdrawal.

Last Date Drop or Withdraw: - July 22, 2010

TENTATIVE LECTURE/TOPIC SCHEDULE (COURSE CONTENT):	Introduction to Simulation/Advantages Types of Simulation used in Nursing Education/Definitions Second Life Virtual Reality/Gaming Computer-based simulation Standardized Patients/Hybrids Case Scenarios/Written Simulations in Nursing Theories Applicable Designing Simulations Implementing Scenarios Debriefing Basic Programming of High-Fidelity Simulators Evaluating Scenarios/Tools Setting Up a Simulation Laboratory Team Training Using Simulation/Multi-disciplinary Teams/Collaboration Increasing Realism Integrating Simulation into the Curriculum Simulation and Research Future of Simulation

see schedule pages 11-16 (posted on WebCT)

Policy Regarding Due Dates For Assignments
Students are expected to complete all assignments and provide to faculty at the beginning of class on the due date. Late papers are not acceptable and may receive a grade of zero.

SPECIFIC COURSE REQUIREMENTS:	**CONTRAST PAPER:** You will write a paper in APA format of no more than 5 pages, not including the cover and references, contrasting at least two types of simulation and/or technologies used in nursing education. The grading rubric will

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be posted on WebCT.

SIMULATION DESIGN/MANAGEMENT: For this project, you will pair with 1-2 students enrolled in the course and will design a clinical simulation learning experience using technology and simulation based on learning objectives and evidence-based practice for a clinical course. The area of choice (i.e. pediatrics, obstetrics, medical-surgical) is yours. You may also choose the type of simulation: mannequin-based (static, low-fidelity, and high-fidelity), hybrid, standardized patients, etc., however, the technology should match the learning objectives of the simulation learning experience. It is expected (mandatory) that you meet with the lead teacher or a team member from the course you choose and have the instructor sign your log sheet. On the day the assignment is due, you will have your classmates participate in your simulation and you will be graded on the management of the simulation. You will also turn in the written simulation, including the educational theory used to design the experience, evidence-based practice articles, completed simulation design tool, debriefing guidelines/questions, and evaluation tool in APA format (where applicable) to your instructor. The grading rubric will be posted on WebCT.

EVAUATION TOOL: As part of designing your clinical simulation learning experience, you will formulate an evaluation tool suitable for assessing participants' learning from a clinical simulation. This tool should be linked to the objectives of the clinical simulation learning experience. The grading rubric will be posted on WebCT.

EVALUATION OF SIMULATION: You will be required to evaluate a peer team's clinical simulation learning experience, including the debriefing. This will be an individual project. Forms/grading rubric will be posted on WebCT. Feedback given should be constructive.

WEBCT POSTING: You will be required to purchase and complete one online course from the National League for Nursing Simulation Innovation Resource Center site. Once completed, you will need answer the question posted on the WebCT discussion board and also respond to at least one classmate's posting. The grading rubric will be posted on WebCT.

LOG: For this course, 45 clinical hours are required. You must keep a log of these hours and turn it in at the end of the semester. Hours that may be counted as clinical hours include: class laboratory hours (learning how to program simulators; simulation day), meetings with teams, observing clinical simulation learning experiences, meeting with lead teachers/team members, and working on the clinical simulation learning experience with team members. Times meeting with the lead teacher/team member

must be initialed on the log by the lead teacher or team member. Each student must turn in a clinical log. Forms will be posted on WebCT.

ATTENDANCE: Attendance in class and lab (clinical) is expected. Points will be given for attendance for scheduled class and lab (clinical) days.

For this course, you must have: 1) Internet access 2) WebCT ID & password (given to you by UTA) 3) Laptop computer (not a Mac).

TEACHING METHODS/STRATEGIES:

The faculty and students will collaborate for structured exploration of simulation topics and other technologies in-class, online, and in clinical settings. Teaching methods will include lecture, reading, written assignments, role play, games, high-fidelity simulation, and other creative teaching strategies.

GRADE CALCULATION (COURSE EVALUATION & FINAL GRADING):

Paper contrasting at least two types of simulation and/or technologies used in nursing education.	20%
Design of a clinical simulation learning experience (team of 2-3)	30%
Management of a clinical simulation learning experience based on learning objectives for the selected clinical course, including debriefing (individual).	20%
Evaluation of a peer team's clinical simulation learning experience, including debriefing (individual).	20%
National League for Nursing/Simulation Innovation Resource Center online course completion with certificate/WebCT posting/WebCT response	5%
Attendance in Class/Lab (Clinical)	5%
Clinical Log	P/F

* Faculty retains the right to adjust an individual student grade within the group depending on performance.

GRADING: A = 92-100
                B = 83-91
                C = 74-82
Failure: D = 68-73
               F = below 68

LATE WORK: All due dates are listed in your syllabus. All written work is due at the beginning of class on the due date, unless otherwise specified. There will be **5 points deducted per day late unless otherwise specified on assignment**.

ELECTRONIC DEVICES: Any use of electronic devices must be approved prior to use by the lead instructor, including but not limited to tape recorders, cell phones, cameras and/or videotaping equipment.

LOGISTICS: For any errors in the syllabus or on WebCT, please email the instructor.

STATUS OF RN LICENSURE: All graduate nursing students must have an unencumbered license as designated by the Texas Board of Nursing (BON) to participate in graduate clinical nursing courses. It is also imperative that any student whose license becomes encumbered by the BON must immediately notify the Associate Dean for the MSN Program, Dr. Mary Schira. The complete policy about encumbered licenses is available online at: http://www.uta.edu/nursing/grad/unencumbered

CONFIDENTIALITY AGREEMENT: You signed a Confidentiality Form in orientation and were provided a copy of the form. Please take your copy of this Confidentiality Form with you to your clinical sites. Please do not sign other agency confidentiality forms. Contact your faculty if the agency requires you to sign their confidentiality form.

GRADUATE STUDENT HANDBOOK: Students are responsible for knowing and complying with all policies and information contained in the Graduate Student handbook online at: http://www.uta.edu/nursing/handbook/toc.php

AMERICANS WITH DISABILITIES ACT: The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 -- The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans With Disabilities Act - (ADA), pursuant to section 504 of The Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "reasonable accommodation" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty at the beginning of the semester and in providing authorized documentation through designated administrative channels.

STUDENT SUPPORT SERVICES: The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring

assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.

STUDENT CODE OF ETHICS: The University of Texas at Arlington College of Nursing supports the Student Code of Ethics Policy. Students are responsible for knowing and complying with the Code. The Code can be found in the student Handbook online: http://www.uta.edu/nursing/handbook/toc.php

ACADEMIC INTEGRITY: It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22)

PLAGIARISM: Copying another student's paper or any portion of it is plagiarism. Additionally, copying a portion of published material (e.g., books or journals) without adequately documenting the source is plagiarism. If five or more words in sequence are taken from a source, those words must be placed in quotes and the source referenced with author's name, date of publication, and page number of publication. If the author's ideas are rephrased, by transposing words or expressing the same idea using different words, the idea must be attributed to the author by proper referencing, giving the author's name and date of publication. If a single author's ideas are discussed in more than one paragraph, the author must be referenced at the end of each paragraph. Authors whose words or ideas have been used in the preparation of a paper must be listed in the references cited at the end of the paper.   Students are encouraged to review the plagiarism module from the UT Arlington Central Library via http://library.uta.edu/tutorials/Plagiarism

BOMB THREATS: If anyone is tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats. Unannounced alternate sites will be available for these classes. Your instructor will make you aware of alternate class sites in the event that your classroom is not available.

E-CULTURE POLICY: The University of Texas at Arlington has adopted the University e-mail address as an official means of communication with students. Through the use of e-mail, UT-Arlington is able to provide students with relevant and timely information, designed to facilitate student success. In particular, important information concerning department requirements, registration, financial aid and scholarships, payment of bills, and graduation may be sent to students through e-mail. All students are assigned an e-mail account and information about activating and using it is available at www.uta.edu/email. Students are responsible for checking their e-mail regularly.

NO GIFT POLICY: In accordance with Regent Rules and Regulations and the UTA Standards of Conduct, the College of Nursing has a "no gift" policy. A donation to one of the UTA College of Nursing Scholarship Funds, found at the following link: Nursing Scholarship List would be an appropriate way to recognize a faculty member's contribution to your learning. For information regarding Scholarship Funds, please contact the Dean's office.

GRADUATE COURSE SUPPORT STAFF: **Felicia Chamberlain,** *Administrative Assistant I*
Office: #611 Pickard Hall
Phone: (817) 272-0659, ext 20659
Email: chamberl@uta.edu

LIBRARY INFORMATION: **Helen Hough,** *Nursing Librarian*
Phone: (817) 272-7429
E-mail: hough@uta.edu
Research Information on Nursing:
http://libguides.uta.edu/nursing

MISCELLANEOUS INFORMATION: **Inclement Weather** (School Closing) Inquiries:
Metro: (972) 601-2049

UTA Police (Emergency Only): (817) 272-3003

Fax Number (UTA College of Nursing): (817) 272-5006

Mailing Address for Packages:
UTA College of Nursing
c/o Dr. Mindi Anderson
411 S. Nedderman Drive, Pickard Hall
Arlington, Texas 76019-0407

GRADUATE NURSING WEBSITES

Description	Website
University of Texas Home Page	http://www.uta.edu
Graduate Catalog & Faculty	http://www.uta.edu/gradcatalog/nursing
Graduate Nursing Programs	http://www.uta.edu/nursing/MSN/administration.php http://www.uta.edu/nursing/MSN/practitioner.php
Graduate Nursing Courses & **Syllabi**	http://www.uta.edu/nursing/MSN/grad-courses1.php
Faculty and Staff Email Contacts and Bio-sketches	http://www.uta.edu/nursing//faculty.php
Graduate Student Handbook	http://www.uta.edu/nursing/handbook/toc.php

• **Miscellaneous Graduate MSN Forms:**
 	
    o Banking Clinical Hours
    o Code of Ethics
    o Drop Request
    o E-log Consent Form
    o Liability Policy
    o Master's Completion Project Forms
    o Nurse Admin Preceptor Package
    o Nurse Practitioner Preceptor Package
    o Personal Insurance Verification Form
    o Petition to Graduate Faculty
    o Resignation Request
    o Student Confidentiality Statement
    o Traineeship Statement Forms
	http://www.uta.edu/nursing/MSN/forms.php
	
	• **Clinical Evaluation MSN Forms:**
	
	    o Educator Evaluation
	    o Faculty Evaluation of Preceptor
	    o NP Clinical Evaluation (Practicum Tools)
	    o Nurse Admin Faculty Eval of Preceptor
	    o Nurse Admin Preceptor Eval of Student
	    o Preceptor Evaluation of Student
	    o Psych Therapy Preceptor Eval of Student
	    o Student Evaluation of Preceptor
	    o Student Self Evaluation

Clinical Online Submission (Elogs)	http://www.totaldot.com/
Criminal Background Check (Group One)	http://www.dfwhc.org/GroupOne/

Instructions for E-Reserves	http://pulse.uta.edu/vwebv/enterCourseReserve.do
	Select under Library Catalogs
	    (UTA Library Catalogs)
	Select Course Reserves
	    Look for Instructor's Name, Click Search, Select Article
	  Password is course abbreviation and course number.
	  ALL CAPS no spaces (ex. NURS5340).

Last Revision: May 24, 2010