



**Course Number: NURS 395**  
**Course Title: Foundations of Nursing Informatics**  
**Course Credit Hours: 3 credit hours**  
**Course Term and Year: Spring 2010**

**Course Section: NURS 395: On-line, available 24/7 except when down time for Blackboard is required**  
**Place: On-line-Blackboard**

**FACULTY CONTACT INFORMATION:**

**Course Coordinator:** Marilyn Jane Bowman-Hayes, R.N., M.S.N., M.B.A.  
 Cell: 303-550-3488  
 Home: 303-990-3488  
 School:  
 e-mail:

**I. COURSE DESCRIPTION:**

This course examines the evolution, future and role of nursing informatics. In addition, the benefits of information technology integrated into nursing practice are evaluated.

**II. COURSE OBJECTIVES:**

Students who successfully complete NURS 395 will be able to demonstrate, in individual participation, team performance, and on written materials, the ability to:

1. Discuss registered nurses as knowledge workers.
2. Understand the benefits of integration of the nursing languages into the electronic health record.
3. Understand the role of informatics in relationship to clinical practice, administration, research and evidence based practice.
4. Demonstrate knowledge of technology in relationship to patient care.
5. Discuss the role of the informatics nurse specialist.

**III. TEXTS/MATERIALS FOR THE COURSE:**

McGonigle, D., Mastrian, K. (2009). *Nursing Informatics and the Foundation of Knowledge*. Massachusetts: Jones and Bartlett

**IV. COURSE REQUIREMENTS, ASSESSMENT (LEARNING OUTCOMES) AND EVALUATION METHODS:**

**A. Fulfill Attendance Requirements.**(See LMU Nursing Student Handbook Online 2009-2010).

1. Attendance will be taken each class period (lecture/exam). To be counted present, the student must be present for the ENTIRE class period.

2. After two (2) absences (lecture/exam/lab) in one semester, it may necessitate that the student withdraws from this NURS course. The student is to contact the Lead Faculty to arrange for withdrawal from this NURS course.

## **B. Written Requirements**

### **1. Tests and Examinations:**

A midterm and comprehensive final exam are scheduled. A group paper which is an accumulation of the semester's readings and discussions will be submitted.

### **Instructions regarding Group Paper:**

1. The student will be placed in a group and together discuss the components of the paper they desire to present. The group will discuss the information and sections that each member is composing. In addition, the members of the group when reviewing the information submitted by fellow students will contribute suggestions.
2. Paper is 5-6 pages in length and completed as a group.
3. The paper is based on the information gained each week from the readings and discussions. It is up to the group to decide if they want to present a condensed coverage of what was covered or focus on one specific area.
4. More information for the paper will be presented upon the start of the class.

### **Rules regarding tests and examinations:**

1. All students are expected to take exams as scheduled. Students are required to notify the faculty by phone or email (see faculty contact information) prior to the scheduled exam time if they are not going to be present. Students are given faculty contact information in each NURS course syllabi and are expected to have it available at all times. If for any reason a student is unable to leave a message for the faculty member via the contact information provided, it is the student's responsibility to contact the Nursing Office on campus (1-800-325-0900, ext. 6324) and talk to the Nursing Secretary or leave a message on her voice mail. Please remember to state you are unable to take the exam and be specific as to the course, the faculty's name and the site. **Any student that does not notify the appropriate faculty will receive a zero for the exam.**
2. The faculty will determine the date and time of any alternate make-up exam. **If the student does not make up the exam on the scheduled date and time, the student will get a zero on the exam.**
3. All electronic devices (pagers, cell phones, PDA's, etc), personal belongings (book bags, purses, coats) are prohibited during examination times. Students may only bring into the exam room pencils and a simple calculator. Students must make arrangements for their other personal belongings during test time.
4. Ball caps or hats with any type of brim will not be allowed to be worn during exam administration.
5. Simple calculators are the ONLY calculators allowed during test time. Scientific calculators or those combined with cellular phones, PDA's, or other electronic devices are not permitted. If a student presents to an exam with any calculator other than a simple calculator the faculty will collect the calculator and the student will be required to do mathematic calculations by hand only. Calculators collected prior to the exam will be returned after the exam is completed.

6. Editorial corrections will be given at the beginning of the exam. If corrections to the exam are needed once the exam has started, the faculty will interrupt the exam and announce the correction and also write it on the board.
7. Any student who has questions during the exam must raise his/her hand and stay seated.
8. The student must not leave his/her seat until the exam is finished, except for emergencies.
9. The exam will be timed. The time for exam booklets to be turned in and for class to resume will be written on the board. Any student entering late will be required to turn his/her exam at the stated time.
10. After the exam is finished, the student has the following options:
  - a) Return to his/her seat, and remain quiet until class resumes.
  - b) Leave the classroom. (If the student chooses to leave the room, he/she may not reenter until class resumes.)
11. Nursing Faculty will review and score exams during the week after the exam is given. Individual student grades will be available and posted one week after the exam has been given. Faculty will post exam grades on Blackboard.
12. Faculty reserves the right to correct any clerical error. This includes both increases and decreases to adjusted exam grades.
13. Exam reviews will be scheduled outside of class time. Attendance for exam review is strongly recommended. No books, pencils or taping are allowed during the exam review.
14. If a student wishes to challenge a question on an exam, the rationale must be put in writing and documented by page number in the textbook within one (1) week from the time of the test review. This documentation should be given to the faculty who taught the unit by the student challenging the test item.

### C. Campus Lab/Clinical Requirements:

Non-applicable.

### D. Methods of Evaluation

1. Weekly participation – 20% This is an on-line course, therefore, participation and evidence of participation is essential. The following rubric will be utilized for evidence of participation. Team members will be required to provide input on team members in regard to perception of team participation.

Components	Below Expectations (1)	Average Expectations (2)	Exceeds Expectations (3)
Evidence of Understanding	<ul style="list-style-type: none"> <li>• By postings with the general discussions and team participation it is unclear that the module material was perused and understood</li> <li>• Comments posted do not correspond to the material under discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Postings provide evidence that there is inconsistency of perusing module material and understanding.</li> <li>• There is some evidence of how some course content will be instrumental in clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Postings provide evidence that module material was perused and understood</li> <li>• Knowledge gained is evident through responses in general discussion and team participation</li> <li>• Student has shown understand of how course content will be instrumental in their clinical practice</li> </ul>
Depth of comments	<ul style="list-style-type: none"> <li>• Simply agrees or disagrees with comments made in discussion</li> <li>• Limited analysis or synthesis of</li> </ul>	<ul style="list-style-type: none"> <li>• Some postings indicate evidence of learning of material under discussion</li> <li>• Some postings offer new insights</li> </ul>	<ul style="list-style-type: none"> <li>• Postings offer new information or insight</li> <li>• Analysis or synthesis of discussion material is evident in general postings and team discussions</li> </ul>

	<ul style="list-style-type: none"> <li>discussion material</li> <li>No evidence of learning of material under discussion</li> </ul>	<ul style="list-style-type: none"> <li>Limited analysis or synthesis of discussion material</li> </ul>	<ul style="list-style-type: none"> <li>leading to further discussions</li> </ul>
Participation	<ul style="list-style-type: none"> <li>Participates when prompted by instructor</li> <li>Limited participation with the team, requiring prompting by team members to participate Requires prompting from instructor for participation</li> <li>Not actively involved in the online discussion</li> <li>Does not participate with team discussion</li> </ul>	<ul style="list-style-type: none"> <li>Uneven participation throughout the module</li> <li>Sometimes prompts discussion</li> <li>Sometimes participates with the team but is limited</li> <li>Occasionally makes meaningful contribution to the team</li> </ul>	<ul style="list-style-type: none"> <li>Constant participation in discussions</li> <li>Initiates discussion topics relevant to module material</li> <li>Self motivation present and participates in a timely manner</li> <li>Contributes meaningful content to discussions throughout the module</li> <li>Consistent meaningful contributions to the team discussions</li> </ul>

- Exam I – 15%- This will be essay questions based on information covered during first half of the semester. Further information will be provided prior to the time of testing
- Exam II (Final) – 15%- This will be essay questions based on information covered during the second half of the semester. Further information will be provided prior to the time of testing
- Group Summary Paper- 20%- This is a consisting of 5-6 pages. This paper must be posted two weeks prior to the end of the semester so fellow class members may review, comment and gain knowledge from other teams. It will be written in APA format.

### E. Incomplete Policy

Students are expected to complete all requirements as assigned during the semester. Incompletes are only given in extreme circumstances deemed by the instructor. If the request for an "I" is approved, the work must be completed within the first six weeks of the following semester (excluding summer terms); otherwise the grade automatically becomes "F". The grade of "I" is calculated in the grade point average with zero points.

### F. College of Nursing Grading Scale:

A	=	93 – 100
A-	=	90 – 92
B+	=	87 – 89
B	=	83 – 86
B-	=	80 – 82
C+	=	77 – 79
C	=	73 – 76
C-	=	70 – 72
F	=	Below 60

The minimal acceptable grade in **Nursing 395** is a "C" for the course. See the *LMU Student Handbook* Online 2009-2010 or obtain one from the secretary of the Caylor School of Nursing.

A failing grade will result in a failing grade for the course. The student must attain an overall average of 73% to pass this NURS course with a "C". **There will be NO rounding of earned grades within the course and NO rounding of the final grade for the course.**

## G. Clinical Facilities

Not applicable

## V. Methods of Instruction:

Methods of instruction may include but will not be limited to: blackboard, instructional media, group discussion, on-line lecture notes, assigned readings.

## VI. INFORMATION LITERACY/TECHNOLOGICAL RESOURCES:

Blackboard will be used for this course to post announcements, class instruction, participation, group discussion and individual course grades.

Students must have computer skills necessary to participate in this course.

## VII. UNIVERSITY POLICIES:

**Discrimination Policy:** Lincoln Memorial University is committed to maintaining study and work environments that are free from discriminatory harassment based on sex, race, color, national origin, religion, pregnancy, age, military status, disability or any other protected discriminatory factor. Sexual or other discriminatory harassment of its students is strictly prohibited, whether by non-employees (such as contractors or vendors), other students, or by its employees, and LMU will take immediate and appropriate action to prevent and to correct behavior that violates this policy. Likewise, students are strictly prohibited from engaging in harassing behavior directed at LMU's employees, its visitors, vendors and contractors. All students must comply with this policy and take appropriate measures to create an atmosphere free of harassment and discrimination. Appropriate disciplinary action, up to and including, as appropriate, suspension, expulsion, and termination from employment or being banned from LMU properties, will be taken against individuals who violate this policy.

**Students with Disabilities Policy: STUDENTS WITH DISABILITIES POLICY:** As a rule, all students must read and comply with standards of the LMU Student Handbook and LMU catalog. Any student needing assistance in accordance with the Americans with Disabilities Act (1990 as amended) should contact the instructor and the LMU ADA Compliance Officer, donna Treece-Paul, in order to make appropriate arrangements. Contact information: [donna.treece-paul@lmunet.edu](mailto:donna.treece-paul@lmunet.edu) and/or 423-869-6251 (800-325-0900, ext. 6251). Office is located on the third floor of the Student Center.

**Scholastic Dishonesty:** LMU policies can be found at <http://www.lmunet.edu/campuslife/sthandbook/handbook.pdf>; *LMU Undergraduate Catalog 2009-2010*; LMU, Caylor School of Nursing, *Undergraduate Nursing Student Handbook 2009-2010*).

It is the aim of the faculty of LMU to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present work as his/her own that he/she has not honestly performed is regarded by the faculty and the administration as a very serious offense and renders the offender liable to several consequences and possible suspension.

**Cheating:** LMU prohibits dishonesty of any kind on examinations or written assignments. These include unauthorized possession of examination questions, the use of unauthorized notes during an examination, obtaining information during an examination from another

student, assisting others to cheat, altering grade records, or entering any campus office without permission. Violations will subject the students to disciplinary action.

**Plagiarism:** LMU prohibits offering the work of another as one's own without proper acknowledgment. Any student who fails to give credit for quotations or essentially identical material taken from books, magazines, encyclopedias, or other reference works, or from the themes, reports or other writings of a fellow student has committed plagiarism.

**LMU's Inclement Weather Policy:** For information on inclement weather policy and class cancellations due to weather visit the LMU website:

<http://www.lmunet.edu/curstudents/weather.shtml> or type "inclement weather" into the LMU search engine. Information on radio and TV listings is at the site.

Local radio and television stations will be contacted and every effort made to have morning or daytime cancellations posted/announced by 6:00 a.m., along with a recorded announcement on the LMU main campus telephone number: (423) 869-3611. You may also check the university's website for class cancellation notices; they will be posted on <http://www.lmunet.edu/curstudents/weather.html>.

#### **VIII. LINCOLN MEMORIAL UNIVERSITY MISSION STATEMENT:**

Lincoln Memorial University is a values-based learning community dedicated to providing educational experiences in the liberal arts and professional studies. The University strives to give students a foundation for a more productive life by upholding the principles of Abraham Lincoln's life: a dedication to individual liberty, responsibility, and improvement; a respect for citizenship; recognition of the intrinsic value of high moral and ethical standards; and a belief in a personal God.

The University is committed to teaching, research, and service. The University's curriculum and commitment to quality instruction at every level are based on the beliefs that graduates must be able to communicate clearly and effectively in an era of rapidly and continuously expanding communication technology, must have an appreciable depth of learning in a field of knowledge, must appreciate and understand the various ways by which we come to know ourselves and the world around us, and must be able to exercise informed judgments.

The University believes that one of the major cornerstones of meaningful existence is service to humanity. By making educational and research opportunities available to students where they live and through various recreational and cultural events open to the community, Lincoln Memorial University seeks to advance life in the Cumberland Gap area and throughout the region through its teaching, research, and service mission. Approved by the Board of Trustees May 5, 2006.

#### **IX. CAYLOR SCHOOL OF NURSING MISSION STATEMENT:**

In conjunction with the University's mission, the Faculty of the Caylor School of Nursing strives to instill responsibility and high moral/ethical standards in the preparation of quality nurses, at multiple levels of nursing education, through superior academic programs at the undergraduate and graduate level. Specifically, the mission of the Faculty is to prepare nurses with the ASN degree, the RN to BSN degree, and MSN degree, to assist individuals, families, communities, and society as they adapt to changes in physiological needs, role function, self-concept, and interdependent relationships during health and illness. The Caylor School of Nursing seeks to respond to the needs of nursing education and healthcare in the surrounding communities by preparing nurses at multiple levels and by providing

continuing education/professional development opportunities that are rooted in knowledge, research, and other scholarly activities.

**X. COURSE OUTLINE/ASSIGNMENT OR LAB SCHEDULE:**

**NURS 3950 LECTURE SCHEDULE – Spring 2010**

**On line class**

DATE	ASSIGNMENT
<u>Week of:</u>	
Jan. 5	Overview of Course, Introductions, review of TIGER Initiatives
Jan. 11	Chapters 1, 2 and Chapter Questions for Discussion
Jan. 19	Chapters 3, 4, 5 and Chapter Questions for Discussion
Jan. 25	Chapters 6, 7 and Chapter Questions for Discussion
Feb. 1	Chapters 8, 9 and Chapter Questions for Discussion
Feb. 8	Chapters 10, 11, 12 and Chapter Questions for Discussion
Feb. 15	Chapters 13, 14, 15 and Chapter Questions for Discussion
Feb. 22	Midterm covering Chapters 1 through 15, Essay questions from Chapters, Articles and TIGER Initiatives
March 1	Chapters 16, 17 and Chapter Questions for Discussion
March 8	Chapters 18, 19 and Chapter Questions for Discussion
March 15	Spring Break
March 22	Chapters 20, 21 and Chapter Questions for Discussion
March 29	Chapters 22, 23 and Chapter Questions for Discussion
April 5	Chapters 24, 25 and Chapter Questions for Discussion
April 12	Post Papers- Papers discussion
April 19	Paper discussions and Questions for Discussions
April 26	Final Week

**XI. IMPORTANT DATES IN THE ACADEMIC CALENDAR SPRING 2010:**

**Spring Semester 2010**

Residence halls open (8:00 a.m.).....	January 3
Registration and New Student Orientation .....	January 4
Classes begin .....	January 5
Last day to complete registration/add classes .....	January 13
Martin Luther King Day (no classes) .....	January 18
Convocation (9:30 a.m. in session classes & resident students)	February 2
Lincoln Day/Founders Day (special activities).....	February 12
<b>Last day to drop course without “WD”</b> .....	February 19
Mid-term .....	February 22-26
<b>Last day to drop course without “F”</b> .....	March 10
Residence halls close (5:00 p.m.) .....	March 12
Spring break (no classes).....	March 15-19
Residence halls open (1:00 p.m.) .....	March 21
Early registration begins.....	March 29
Good Friday (no classes).....	April 2
Classes end .....	April 23
Final exams .....	April 26 - 30
Commencement (11:00 a.m.).....	May 1

**XII. THE INSTRUCTOR RESERVES THE RIGHT TO REVISE, ALTER AND/OR AMEND THIS SYLLABUS, AS NECESSARY. STUDENTS WILL BE NOTIFIED IN WRITING AND/OR BY EMAIL OF ANY SUCH REVISIONS, ALTERATIONS AND/OR AMENDMENTS.**