COURSE NUMBER   NGR 6870

COURSE TITLE   Nursing Informatics and Information Management

CREDITS   3

PLACEMENT   DNP Program

PREREQUISITES   None

COREQUISITES   None

FACULTY
FACULTY
Ragnhildur I. Bjarnadottir, PhD, MPH, RN
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Response time: When contacting an instructor please expect a response within 24-48 hours during the work week. Weekend emails may receive a response in 24-48 hours, or the next business day.

COURSE DESCRIPTION   The purpose of this course is to develop the nursing informatics knowledge and skills needed for the advanced practice nurse to optimize health information systems/technology to support communication, the delivery of high-quality nursing care, patient outcomes, and the improvement of population health.

COURSE OBJECTIVES   Upon completion of this course, the student will be able to:
1. Differentiate the influence of standards, content, design, selection, use and evaluation of health information systems/technology on the nurse's decisions and ability to deliver safe and effective care.
2. Identify cultural, ethical and legal implications of health information technology, communication networks, and patient care technology to clinical practice in health care organizations.
3. Demonstrate the ability to extract and utilize practice data from large databases to address clinical problems relevant to nursing practice.
4. Perform a critical assessment and evaluation of a health information system or technology to identify the potential impact on the quality, cost, safety and effectiveness of the nursing care provided.
5. Evaluate sources of consumer healthcare information for accuracy, timeliness, and appropriateness and disseminate findings.

COURSE SCHEDULE

Faculty	Section	Day
Bjarnadottir	7070	Web-based
Carrington	7075	Web-based
Cho	7074	Web-based
Jenkins	7071	Web-based

E-Learning in Canvas is the course management system that you will use for this course. E-Learning in Canvas is accessed by using your Gatorlink account name and password at http://elearning.ufl.edu/. There are several tutorials and student help links on the E-Learning login site. If you have technical questions call the UF Computer Help Desk at 352-392-HELP or send email to helpdesk@ufl.edu.

It is important that you regularly check your Gatorlink account email for College and University wide information and the course E-Learning site for announcements and notifications. Course websites are generally made available on the Friday before the first day of classes.

TEACHING METHODS
Readings, online lectures and/or presentations, web-based learning resources, and/or interactive assignments.

LEARNING ACTIVITIES
Quizzes and online individual and group activities.

EVALUATION METHODS/COURSE GRADE CALCULATION
Quizzes (6 X 5%)		30%
Data standards activity	(individual assignment)	10%
Data use activity	(individual assignment)	25%

Health information system or technology evaluation (group assignment)   25%
Social media strategy activity   (individual assignment) 10%
                                                                        100%

MAKE UP POLICY
There are **no opportunities for make-ups or extra credit**. If you need to complete an assignment after the due date due to extenuating circumstances, contact the faculty member for permission prior to the scheduled due date.

GRADING SCALE/QUALITY POINTS

A	95-100 (4.0)	C	74-79* (2.0)
A-	93-94 (3.67)	C-	72-73 (1.67)
B+	91- 92 (3.33)	D+	70-71 (1.33)
B	84-90 (3.0)	D	64-69 (1.0)
B-	82-83 (2.67)	D-	62-63 (0.67)
C+	80-81 (2.33)	E	61 or below (0.0)

* 74 is the minimal passing grade

For more information on grades and grading policies, please refer to University's grading policies: https://catalog.ufl.edu/graduate/regulations/

COURSE EVALUATION
Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

ACCOMMODATIONS DUE TO DISABILITY
Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, https://disability.ufl.edu/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

PROFESSIONAL BEHAVIOR
The College of Nursing expects all Nursing students to be professional in their interactions with patients, colleagues, faculty, and staff and to exhibit caring and compassionate attitudes. These and other qualities will be evaluated during patient contacts and in other relevant settings by both faculty and peers. Behavior of a Nursing student reflects on the student's individual's ability to become a competent professional Nurse. Attitudes or behaviors inconsistent with compassionate care; refusal by, or inability of, the student to participate constructively in learning or patient care; derogatory attitudes or inappropriate behaviors directed at patients, peers, faculty or staff; misuse of written or electronic patient records (e.g., accession of patient information without valid reason); substance abuse; failure to disclose pertinent information on a criminal

background check; or other unprofessional conduct can be grounds for disciplinary measures including <u>dismissal.</u>

As students in the health professions at UF Health, you are expected to promote safety and a culture of care and concern for each other and for patients. Across our academic health center's missions of research, teaching and patient care, nursing students must lead by example and take individual responsibility for modeling healthy habits and behaviors to minimize the spread of COVID-19. Failure to comply with the established public health measures, both on and off campus, is considered a serious breach of professional conduct.

<u>UNIVERSITY POLICY ON ACADEMIC MISCONDUCT</u>
Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/ . Students are required to provide their own privacy screen for all examination's administered to student laptops. No wireless keyboards or wireless mouse/tracking device will be permitted during examinations.

<u>UNIVERSITY AND COLLEGE OF NURSING POLICIES</u>
Please see the College of Nursing website for student policies (http://students.nursing.ufl.edu/currently-enrolled/student-policies-and-handbooks/) and a full explanation of each of the university policies – (http://students.nursing.ufl.edu/currently-enrolled/course-syllabi/course-policies)
UF Grading Policy
Religious Holidays
Counseling and Mental Health Services
Student Handbook
Faculty Evaluations
Student Use of Social Media

<u>REQUIRED TEXTBOOK</u>
Nursing Informatics for the Advanced Practice Nurse (2019). McBride, S. & Tietze, M. (Editors, 2nd Edition). Springer Publishing Co., LLC. New York, NY

The eBook can be access using this link:
https://ebookcentral.proquest.com/lib/ufl/detail.action?docID=5487604

WEEKLY CLASS SCHEDULE

DATE/ MODULE	TOPIC	READINGS/ASSIGNMENTS	PROGRAM OUTCOMES
5/10-5/23 **1-2**	Cultural, Ethical, and Legal Issues of Health Information Technology and Artificial Intelligence	Assigned and supplemental readings and lectures • **QUIZ #1 (5/23)** • **DATA USE ACTIVITY: PART I (5/23)**	1, 3, 6
5/24-6/6 **3-4**	Health Information Technology, Data Standards, and Health Information Exchange	Assigned and supplemental readings and lectures • **QUIZ #2 (6/6)** • **DATA STANDARDS ACTIVITY (6/6)**	3, 4, 5
6/7-6/20 **5-6**	Computing and System Development to Support Care Quality	Assigned and supplemental readings and lectures • **QUIZ #3 (6/20)** • **DATA USE ACTIVITY: PART II (6/20)**	1, 3
6/21-6/27	SUMMER BREAK		
6/28-7/11 **7-8**	Evaluating Health Information Technology and Artificial Intelligence	Assigned and supplemental readings and lectures • **QUIZ #4 (7/11)** • **DATA USE ACTIVITY: PART III (7/11)**	2, 5
7/12-7/25 **9-10**	Health Informatics and Data Management	Assigned and supplemental readings and lectures • **QUIZ #5 (7/25)** • **HEALTH INFORMATION SYSTEM TECHNOLOGY EVALUATION (7/25)**	1, 3
7/26-8/8 **11-12**	Evaluating Telehealth and Consumer Health Information Technology	Assigned and supplemental readings and lectures • **QUIZ #6 (8/6)** • **SOCIAL MEDIA STRATEGY ACTIVITY (8/6)**	2, 5, 6

Approved: Academic Affairs Committee: 01/15; 01/19
         Faculty: 01/15; 01/19
         UF Curriculum: 03/15; 03/19