Cover Sheet: Request 9958

NGR6220 Nursing Informatics and Information Management

Info

Process	Course|New|Ugrad/Pro
Status	Pending
Submitter	Kiley,Cecile D ckiley@ufl.edu
Created	1/27/2015 10:50:57 AM
Updated	2/25/2015 9:50:41 AM
Description	This is a new course in the DNP curriculum.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	NUR - Nursing 313101000	Haddad, Linda		1/27/2015
College	Approved	NUR - College of Nursing	Haddad, Linda		1/27/2015
University Curriculum Committee	Comment	PV - University Curriculum Committee (UCC)	Gebhardt, Susan	Added to the February agenda	2/4/2015
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/4/2015
Statewide Course Numbering System					
Office of the Registrar					
Student Academic Support System					
Catalog					
College Notified					

Recommended SCNS Course Identification

1. refix NGR	2. evel 6	3. umber 220	4. ab Code None

5. Course Title   Nursing Informatics and Information Management

6. Transcript Title (21 character maximum)   Nsg Inform/Info Mgmt

7. ffective Term   Summer

8. ffective Year   2016

9. otating Topic?   No

10. mount of Credit   3

11. If variable, # minimum and # maximum credits per semester.

12. epeatable credit?   No

13. total repeatable credit allowed   #   If yes,

14. /U Only?   No

15. Regularly Scheduled [base hr]

Contact Type   If other,

16. Degree Type   Professional

17. please specify: Click here to enter text.

18. Category of Instruction   Introductory

19. Course Description (50 words maximum)

This course provides a systematic application of the use of information science and technology to support patient nursing care within healthcare systems.

20. Prerequisites

None

21. Co-requisites

None

22. Rationale and Placement in Curriculum

This is a new course in the revised DNP curriculum.

23. Complete the syllabus checklist on the next page of this form.

Syllabus Requirements Checklist
   The University's complete Syllabus Policy can be found at:
   http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf

The syllabus of the proposed course **must** include the following:

⊠ Course title

⊠ Instructor contact information (if applicable, TA information may be listed as TBA)

⊠ Office hours during which students may meet with the instructor and TA (if applicable)

⊠ Course objectives and/or goals

⊠ A weekly course schedule of topics and assignments.

⊠ Methods by which students will be evaluated and their grades determined

⊠ Information on current UF grading policies for assigning grade points. This may be achieved by including a link to the appropriate undergraduate catalog web page:
   https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx.

⊠ List of all required and recommended textbooks

☐ Materials and Supplies Fees, if any

⊠ A statement related to class attendance, make-up exams and other work such as: *"Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at:*
   https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx."

⊠ A statement related to accommodations for students with disabilities such as: *"Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation."*

⊠ A statement informing students of the online course evaluation process such as: *"Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at*
   https://evaluations.ufl.edu/results."

It is **recommended** that the syllabus contain the following:

⊠ Critical dates for exams or other work

⊠ Class demeanor expected by the professor (e.g. tardiness, cell phone usage)

⊠ The university's honesty policy regarding cheating, plagiarism, etc.

   Suggested wording: UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

⊠ Contact information for the Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc/, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies

External Consultation Results (departments with potential overlap or interest in proposed course, if any)

Department	Name and Title
Nursing 313101001	Linda Haddad, Associate Dean for Academic Affairs

Phone Number	E-mail
273-6520	lhaddad@ufl.edu

Comments

The College of Nursing has consulted with Dr. Christopher Harle, from PHHP Department of Health Services Research Management regarding NGR 6220 Healthcare Technology and Information Management. The College of Nursing has modified the language of the course and no longer overlaps with existing Health Services Research Management courses.

Department	Name and Title
HSRMP	Christopher Harle, Assistant Professor

Phone Number	E-mail
352-273-6081	charle@ufl.edu

Comments

As stated above, I have reviewed this course and approve of the changes to reduce overlap.

Department	Name and Title

Phone Number	E-mail

Comments

COURSE NUMBER   NGR 6220

COURSE TITLE   Nursing informatics and Information Management

CREDITS   3

PLACEMENT   DNP Program

PREREQUISITES   None

COREQUISITES   None

FACULTY   Robyn P. Gleason PhD, MPH, ARNP, FNP-BC
                       rgleason@ufl.edu HPNP2224 (352) 284-2123
                       Office hours: Thursday, 2:00-4:00pm

COURSE DESCRIPTION   This course provides a systematic application of the use of
information science and technology to support patient nursing care within healthcare systems.
Acquisition of skills needed for the design, selection, utilization, and evaluation of health
information technologies used to influence nursing decisions will be emphasized. The focus of
the course is use of information systems/technology to evaluate nursing care, patient outcomes,
and care systems to inform clinical and diagnostic reasoning.

COURSE OBJECTIVES   Upon completion of this course, the student will be able to:
1. Evaluate the science of emerging technology and implications for nursing quality
    improvement.

2. Evaluate sources of consumer healthcare information for accuracy, timeliness, and
    appropriateness.

3. Analyze the design of clinical information systems and patient care technologies that
    promote safe, high quality, cost-effective nursing care.

4. Develop an outcomes evaluation plan using extracted data from clinical information systems.

5. Analyze large datasets from aggregates to identify clinical and diagnostic issues and trends to
    formulate evidence-based nursing approaches.

6. Identify cultural, ethical and legal implications of health information technology,
    communication networks, and patient care technology.

COURSE SCHEDULE

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 https://lss.at.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.

TOPICAL OUTLINE

1. Terminology, concepts, applications, and systems used in healthcare technology and information management
2. Relation of technology to the clinical reasoning process, and its past, present, and future role in revolutionizing/transforming healthcare
3. Choosing, implementing, and evaluating appropriate clinical information systems for advanced nursing practice
4. Use of healthcare technologies in clinical decision making, quality improvement, patient education, and practice management in various healthcare environments
5. Use and effects of technology in nursing and healthcare education and research/scholarship
6. Leadership role of advanced practice providers in nursing care informatics
7. Evidence-based nursing approaches to clinical decision making using large data sets
8. Analysis of evolving legal and ethical implications of healthcare technology

TEACHING METHODS

Lecture, class discussion, written assignments, presentations, and readings.

LEARNING ACTIVITIES

Readings, participation in discussion, case study analysis, and study questions.

EVALUATION METHODS/COURSE GRADE CALCULATION

Written assignments	40%
Class participation	15%
Presentation	20%
Project	25%
	100%

MAKE UP POLICY

All assignments are expected to be submitted by the due dates and times given by faculty. There will be a deduction of one point per day for any graded assignment (except tests) that is

posted or submitted late.

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

UF GRADING POLICY

Please visit the following URL to understand how the University uses the course grade to compute your overall GPA: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

ATTENDANCE

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Students are expected to be present for all scheduled classes, other learning experiences, and examinations. Students who have extraordinary circumstances preventing attendance should explain these circumstances to the course instructor **prior** to the scheduled class or as soon as possible thereafter. Instructors will then make an effort to accommodate **reasonable** requests.

ACCOMMODATIONS DUE TO DISABILITY

Each semester, students are responsible for requesting a memorandum from the Disability Resource Center (http://www.dso.ufl.edu/index.php/drc/) to notify faculty of their requested individual accommodations. This should be done at the start of the semester.

FACULTY EVALUATION

Students are expected to provide feedback on the quality of instruction in this course based on ten criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu.

UNIVERSITY AND COLLEGE OF NURSING POLICIES:

Please see the College of Nursing website for a full explanation of each of the following policies - http://nursing.ufl.edu/students/student-policies-and-handbooks/course-policies/.
Academic Honesty
Religious Holidays
Counseling and Mental Health Services
Student Handbook
Student Use of Social Media

REQUIRED TEXTBOOKS
No text book is required for this course

RECOMMENDED TEXTBOOKS
     Saba, V & McCormick, K. (2011). *Essentials of Nursing Informatics, 5th Ed*. McGraw

Hill.

WEEKLY CLASS SCHEDULE

WEEK	TOPIC	ASSIGNMENTS
1	Healthcare technology and information management terminology & concepts	Review Syllabus & Welcome Review Scholarly Writing documents & links Begin Content Sharing assignment
2	Applications & systems used in healthcare technology	Content Sharing 1 "About Me" due
3	Healthcare technology use in clinical reasoning	Writing Assignment *topic* due
4	Choosing, implementing, and evaluating appropriate clinical information systems	Case study due
5	Use of healthcare technology in clinical decision making, quality improvement, & patient education	Content Sharing 2 "EHR planning/implementation" due
6	Use of large data sets in evidence-based practice	Large dataset analysis team presentation issue description due
7	*Summer Break*	
8	Use of healthcare technology in practice management	Team meetings
9	Use and effects of technology in nursing and healthcare education	Writing Assignment due
10	Use and effects of technology in nursing and healthcare research/scholarship	Content Sharing 3 "Tech in healthcare education & research" due
11	Leadership role of advanced practice providers in healthcare informatics	Large dataset analysis team presentation due
12	Legal & ethical implications of healthcare technology	View all large dataset analysis team presentations
13	Discussion: Large dataset analysis team presentations	Team Project peer and team evals due

Approved: Academic Affairs Committee: 01/15
              Faculty: 01/15
              UF Curriculum: