UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

SPRING 2017

COURSE NUMBER NGR 6850, Section 1043

COURSE TITLE Research Methods and Evidence-Based Practice

CREDITS 3

PLACEMENT Second Semester in BSN-to-DNP Program

PREREQUISITE NGR 6101 Theory and Research for Advanced Nursing Practice or equivalent

COREQUISITE None

FACULTY OFFICE PHONE OFFICE HOURS

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Clinical Assistant Professor

Family, Community,

and Health Systems Science

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COURSE DESCRIPTION

This course provides the student with the knowledge and understanding of the difference between research, evidence-based practice (EBP) and continuous quality improvement (CQI) methodology in health care. Emphasis is on the understanding and application of the evidence-based practice or continuous quality improvement process design to begin the DNP capstone project. The focus is on utilization and synthesis of research findings to address specific health care questions or problems.

COURSE OBJECTIVES

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

1. Articulate the definition and differences between and requirement of research, EBP and CQI in health care.

2. Synthesize clinical investigative skills by completing an extensive literature search to identify a nursing related question or problem to improve health outcomes.

3. Critically analyze data used in developing practice guidelines

4. Evaluate levels of evidence, quality of reporting of clinical guidelines and standards of care and their application into practice.

5. Examine several CQI tools for application and management of health-related questions or problems.

6. Analyze the quality and reporting guidelines for continuous quality improvement and research studies.

7. Develop new practice/next steps design approaches based on the integration of research, theory, and practice knowledge.

COURSE SCHEDULE

**In this course, Modules begin on Mondays and will close on Sundays at 11:59pm. Students can expect to receive feedback regarding submitted assignments within 2 weeks unless specified.**

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://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](mailto: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. All feedback will be given via Canvas as well as Canvas email. If you contact me by voicemail, on-line posting or email, you can expect a **response within two business days**. I will not be consistently checking Canvas, phone messages or email on the weekends or holidays and responses may be limited during these times.

TOPICAL OUTLINE

1. Overview of the DNP Project
2. Utilization of research, EBP and CQI in nursing
3. Identifying nursing related questions or problems to improve health outcomes
4. Appraisal of evidence (research, EBP, CQI, guidelines)
5. Developing practice guidelines
6. Examination of standards of care utilizing the AGREE Tool
7. CQI tools
8. Quality and reporting guidelines for CQI and research studies (SQUIRE, PRISMA, CONSORT)
9. Research/survey methodology/next steps project design

# TEACHING METHODS

Lectures, discussions, individual assignments, presentations.

LEARNING ACTIVITIES

Readings, individual assignments, quizzes.

EVALUATION METHODS/COURSE GRADE CALCULATION

Each student is expected to:

1. Comprehensively read and critically analyze materials assigned for each class topic
2. Successfully complete all assignments

Evaluation will be based on the achievement of these criteria. Assignments and their relative weights are as listed below. Details of each assignment will be posted in Canvas.

|  |  |
| --- | --- |
| **Assignment** | **% of Final Grade** |
| Individual Assignments (6) | 30% |
| Quizzes (7) | 35% |
| Final Presentation | 35% |
|  | 100% |

MAKE UP POLICY

All assignments and quizzed are due by the specified dates and times in the syllabus. **Late assignments will not be accepted. Make-up quizzes will not be available** unless specified by circumstances stated in the university policy. If there are extenuating circumstances, contact Dr. Hays **prior to** the 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 [Graduate Student Handbook](http://graduateschool.ufl.edu/).

STUDENT WELL-BEING

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

COMMUNICATION COURTESY/NETIQUETTE

All members of the class are expected to follow rules of common courtesy in all class discussion, small group activities, and email messages. Familiarize yourself with the [UF netiquette policy](http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf). Failure to follow the rules of common courtesy may result in a grade reduction.

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 dismissal.

UNIVERSITY POLICY ON ACADEMIC MISCONDUCT

Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the [UF Student Honor Code](https://www.dso.ufl.edu/sccr/process/student-conduct-honor-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.

University and College of Nursing Policies:

Please see the College of Nursing [website](http://nursing.ufl.edu/students/student-policies-and-handbooks/course-policies/) for a full explanation of each of the following policies:

Attendance

UF Grading Policy

Accommodations due to Disability

Religious Holidays

Counseling and Mental Health Services

Student Handbook

Faculty Evaluations

Student Use of Social Media

# REQUIRED TEXTBOOK

Melnyk, B. M., & Fineout-Overholt, E. (Eds.). (2014). Evidence-based practice in nursing & healthcare: A guide to best practice (3rd ed.). Philadelphia, PA: Lippincott Williams & Wilkins.

**Supplemental readings, learning activities will be required; links will be provided via Canvas.**

Approved: Academic Affairs Committee: 11/04, 01/05, 04/13, 01/15

Faculty: 11/04, 01/05, 04/13, 01/15

UF Curriculum: 03/05; 02/15

**CLASS SCHEDULE**

|  |  |  |  |
| --- | --- | --- | --- |
| **MODULE** | **DATES** | **TOPICS** | **ASSIGNMENTS**  ***See Canvas Modules for Learning Activities and Assignment Specifics*** |
| 0 | 1/4 – 1/8 | Welcome and Course Orientation | Syllabus/APA Quiz due 1/8/17 @ 11:59pm |
| 1 | 1/9 – 1/22  *MLK Holiday 1/16* | Overview of Evidence-Based Practice and the DNP Project | Quiz open 1/19 at 5pm until 1/22 at 11:59pm  Assignment due 1/22 at 11:59pm |
| 2 | 1/23-2/5 | Conducting the Literature Search | Quiz open 2/2 at 5pm until 2/5 at 11:59pm  Assignment due 2/5 at 11:59pm |
| 3 | 2/6-2/19 | Critically Appraising the Evidence | Quiz open 2/16 at 5pm until 2/19 at 11:59pm  Assignment due 2/19 at 11:59 |
| 4 | 2/20-3/5 | Moving from Evidence to Practice Change | Quiz open 3/2 at 5pm until 3/5 at 11:59pm  Assignment due 3/5 at 11:59pm |
|  | 3/6-3/11 | SPRING BREAK |  |
| 5 | 3/13-3/26 | Models to Guide Evidence-Based Practice | Quiz open 3/23 at 5pm until 3/26 at 11:59pm  Assignment due 3/26 at 11:59pm |
| 6 | 3/27-4/9 | Disseminating Evidence-Based Practice | Quiz open 4/6 at 5pm until 4/9 at 11:59pm  Assignment due 4/9 at 11:59pm |
| 7 | 4/10-4/19 | Putting It All Together | Presentation Due 4/19 at 11:59pm |