UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

SUMMER 2017

COURSE NUMBER NUR 4748

Section 01D0 – Dr. Peters – Gainesville

Section 0091 – Dr. Weber – Jacksonville

COURSE TITLE Systems of Care 4: Multi-system Care

CREDITS 3

# PLACEMENT BSN Program: 4th Semester Upper Division

PREREQUISITE NUR 4739 Systems of Care 3: Restoration of Wellness

# FACULTY

Bryan A. Weber, PhD, ARNP

Associate Professor

PO Box 100197, Gainesville, FL 32610-1097

Gainesville Campus; HPNP Complex, Suite 4223

352-273-6327

[bweber@ufl.edu](mailto:bweber@ufl.edu)

Office hours: weekly - immediately following each class

Allison Peters, DNP, RN, CNOR

Clinical Assistant Professor

HPNP Complex; Suite 4206

352-294-5721

[petal@ufl.edu](mailto:petal@ufl.edu)

Office hours: Fridays 0900-1100 and by appointment

COURSE DESCRIPTION The purpose of this course is to examine multi-system alterations in equilibrium across the lifespan. Emphasis is on identification of principles from the science of nursing used to support safe and effective management of clients with multi-system illnesses in a variety of settings. Focus is on synthesis of knowledge from multiple sources to influence client-centered outcomes.

COURSE OBJECTIVE Upon completion of this course, the student will

1. Evaluate the healthcare needs of clients with multi-system alterations in equilibrium across the lifespan.
2. Synthesize relevant knowledge from multiple sources in development of plans of care for clients with multi-system alterations.
3. Generate plans of care to facilitate individual and family transition to end of life.
4. Justify interprofessional plans of care to achieve optimal healthcare outcomes.
5. Establish priorities for interventions with clients having multi-system illness.

COURSE SCHEDULE

Section 0091 Weber

Wednesday, 7:30am-11:45am and 12:30pm-4:45pm

Room 3083

Section 01D0 Peters

Wednesday, 7:30am-11:45am

Room G114

And

Wednesday, 12:30pm-4:45pm

Room G101

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](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.

Course websites are generally made available on the Friday before the first day of classes.

TOPICAL OUTLINE

I. General Approach:

Use of the problem solving process to develop interdisciplinary plans of care for patients with multisystem illness.

1. Synthesis of concepts and application to exemplars across settings and across the lifespan
2. Nursing interventions are actions that address nursing problems and are based on evidence based guidelines and standards of care

II. Exemplars include:

1. Older adult who is critically ill with COPD developing behavioral changes associated with dementia and delirium.
2. Older adult in long term care who develops a urinary tract infection and admitted to acute care with sepsis.
3. Older adult with history of polypharmacy falls at home and has a fractured hip and receives care across settings.
4. Young adult with HIV and care across settings.
5. Fifty year old male with cardiac failure who received transplantation.
6. Young adults with eating disorders.
7. Critically ill child with burns.
8. Woman with breast cancer who is a victim of domestic violence.
9. Family with multi trauma from a motor vehicle accident.
10. Middle-age worker who has diabetes and substance dependence.
11. Veteran with a traumatic brain injury and posttraumatic stress disorder

TEACHING METHODS

Flipped classroom, team-based learning activities: case exemplar presentations focused on the following: nursing care concepts, assessment of multi-system alterations, synthesis of knowledge from multiple sources to develop plan of care, utilize inter-professional resources in the plan of care and justification of plan of care in relation to optimal outcomes. Subject presentation dates and content are subject to change to facilitate learning. Please check the Canvas announcement site weekly.

LEARNING ACTIVITIES

Individual and team participation in class, exemplar presentations with case analysis and web-based and classroom assignments. Students will examine multiple alterations in equilibrium across the lifespan. Each class period will focus on the health care needs and safe and effective nursing and inter-professional care of clients with multi-system problems. Class presentations and discussion will include the application of principles and theory learned in previous classes and from the examination of current evidence in the literature as it is related to case study exemplar(s). Students will demonstrate the ability to apply the case exemplar to other clients with similar alterations and in a variety of settings in order to provide safe and effective care.

Students are expected to review content on the topics in their textbooks and from other resources in preparation for class. Students will select appropriate evidence-based current scholarly/research journal articles for discussion of the case exemplars; the students will provide the evidence rating for each article cited in a presentation or discussion. Presentation guidelines and other course documents are posted on Canvas. Case exemplars, suggested readings, and class objectives will be posted for each class date on Canvas. Exemplars/class objectives will be opened one week in advance through e-learning Canvas.

EVALUATION METHODS/ COURSE GRADE CALCULATION

**Class Quizzes In-Class 45%**

10 quizzes will be given in-class on canvas. The quizzes are based on the assigned textbook readings and Saunders NCLEX review chapters based on class topics and course objectives.

**HESI Exam\* June 14 HSC Computer Lab 20%**

The HESI exam is a required assessment per the University of Florida and College of Nursing Academic Learning Compact. The HESI will be administered two times during the semester. Students can apply the highest conversion score obtained from either of these administrations of HESI to this 20%.

**Team Presentations/Discussion As Assigned 20%**

Students will be randomly placed in teams and will present at least 2 problem based learning case study (using rubric/guidelines on Canvas). Students will also be required to participate in discussion postings on Canvas – posting evidence-based articles on topics throughout the semester.

**Class Participation/Attendance 10%**

Students will participate in class discussions, canvas discussion postings, and audience participation during team presentations.

**Peer Evaluation Due on June 15 5%**

Students will complete a peer evaluation on canvas to evaluate each team member on presentation and team work guidelines (rubric/tool found on canvas). Students will complete and submit these on canvas and also print these out and share them with their team members. Feedback should be respectful and include both positive and constructive feedback.

**Total: 100%**

MAKE UP POLICY

There will be no make-ups for missed assessments/exams.

Attendance will be taken for each class. Be prepared to show your UF identification card.

Students are expected to be present for all scheduled classes, other learning experiences, and assessments and attendance will be calculated in the final grade. 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 via UF gatorlink email. Instructors will then make an effort to accommodate reasonable requests. A grade penalty may be assigned for late assignments, class absences, tardiness, or inattentiveness.

It is the students’ responsibility to act in a professional manner in the classroom. Students are not to use cell phones, iPads, or other electronic devices during class unless necessary for classroom assignments. Only students who are “presenting” may have their laptops open during a presentation. If a student fails to pay attention during class, engages in texting or uses electronic devices for reasons unrelated to the class activity, they will be excused from class and receive a percentage point deduction from their overall grade for each occurrence.

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/ugrad/current/regulations/info/grades.aspx>

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 at <https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/> and in the College of Nursing student handbook. Students are required to provide their own privacy screen for all examination/ quizzes’ s administered to student laptops. In the event a student does not have a privacy screen that student will not be permitted to take the examination/ quiz and will receive a zero for that portion of the grade. 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 for a full explanation of each of the following policies - <http://nursing.ufl.edu/students/student-policies-and-handbooks/course-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 TEXTBOOKS

REQUIRED TEXTBOOKS

HESI.  (2014). *Comprehensive review for the NCLEX-RN examination* (4th ed.).  St. Louis, Missouri: Elsevier.

Lewis, S.L., Dirksen, R.F., Heitkemper, M.M., Bucher, l., & Camera, I.M.  (2014). *Medical-Surgical nursing:  Assessment and management of clinical problems* (9th ed.).  St. Louis, Mo:  Mosby.

Perry, S., Hockenberry, M., Lowdermilk, E. & Wilson, D. (2014). *Maternal child nursing care.*​(5th ed.).  St. Louis, MO: Elsevier Mosby.

Silvestri, L.A.  (2014). Saunders comprehensive review for the NCLEX-RN examination  (6th ed.). St. Louis, MO: Saunders.

WEEKLY CLASS SCHEDULE

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| Date | Topic | Pre-Work/ Readings | Assignment | Saunders NCLEX quiz topics/ |
| May 10 | Orientation – Review syllabi, team-based learning, presentations, rubrics, individual and group assessments, peer evaluation.  HESI examination  2016 NCLEX test plan  Working as a team | HESI text read chapter 1 & 2  (optional: do practice problems for those readings)  Review syllabi, textbooks, canvas site  Team work | Discussion Post – each team posts one article on Canvas discussion board to discuss in class after presentation (only one post per team)  Teams work on upcoming presentations & audience discussions | none |
| May 11 | Safety & Mobility: Polypharmacy/Falls/Fractures/Orthopedic | Readings & Resources on Canvas  Team work  HESI text MS.  Lewis ch. 62, 64  Saunders NCLEX Musculoskelectal Ch. 68 MS  Ch. 69 MS meds  Ch. 46 ped MS | Discussion Post  ALL Teams Present | none |
| May 17 | Infection: Sepsis | Readings & Resources on Canvas  Team work  HESI text shock & F&E balance  Lewis ch. 15, 67  Saunders NCLEX  Ch. 9 F&E  Ch. 10 A/B  Ch. 11 labs | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 1 and 2  Audience: All Other Teams | Quiz #1 MusculoskelectalCh. 68 MS  Ch. 69 MS meds  Ch. 46 ped MS |
| May 18 | Skin Integrity & Regulation & Comfort: Burns | Readings & Resources on Canvas  Team work  HESI text pain and burns  Lewis ch. 25  Saunders NCLEX  Ch. 36 integ peds  Ch. 50 integ  Ch. 51 integ meds | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 3 and 4  Audience: All Other Teams | Quiz #2 Shock, fluid & electrolyte balance  Ch. 9 F&E  Ch. 10 A/B  Ch. 11 labs |
| May 24 | Tissue Perfusion: EKG/Cardiac/CHF including peds | Readings & Resources on Canvas  Team work  HESI text ECG & cardiac  Lewis ch. 32-34, 36-38  Saunders NCLEX  Ch. 43 peds card  Ch. 60 cardiac  Ch. 61 card meds | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 5 and 6  Audience: All Other Teams | Quiz #3 Burns & pain  Ch. 36 integ peds  Ch. 50 integ  Ch. 51 integ meds |
| May 25 | Oxygenation & Gas Exchange: COPD, Asthma, Respiratory Problems | Readings & Resources on Canvas  Team work  HESI text respiratory system  Lewis ch.26-29  Saunders NCLEX  Ch. 42 peds resp  Ch. 58 resp  Ch. 59 resp meds | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 7 and 1  Audience: All Other Teams | Quiz #4 cardiovascular, ECG  Ch. 43 peds card  Ch. 60 cardiac  Ch. 61 card meds |
| May 31 | Neuro Disorders  Assessment  Evaluation  Clinical Presentation | Readings & Resources on Canvas  Team work  Lewis ch. 56, 58, 59, 60 & 61  Perry ch 11, 25 & ch. 45  Saunders NCLEX Ch. 62  medications |  | Quiz #5: Respiratory system  Ch. 42 peds resp  Ch. 58 resp  Ch. 59 resp meds |
| June 1 | Multi-System Trauma  Selected Renal Problems | Readings & Resources on Canvas  Team work  HESI text renal  Lewis ch. 63, 69 and ch. 45-47  Saunders NCLEX  Ch. 44 peds renal  Ch. 62 renal  Ch. 63 renal meds | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 2 and 3  Audience: All Other Teams | None |
| June 7 | Mental Health: Domestic Violence, Anxiety, Depression, PTSD, Eating Disorder, PTSD  Guest Speaker: addiction and substance abuse – reflections from a client | Readings & Resources on Canvas  Team work  HESI text psych disorders  Saunders NCLEX  Ch.72 Found MH  Ch. 74 MH dx  Ch. 77 MH meds | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 4 and 5  Audience: All Other Teams | Quiz #6  Renal  Ch. 44 peds renal  Ch. 62 renal  Ch. 63 renal meds |
| June 8 | Infection & Immunity: HIV/AIDS | Readings & Resources on Canvas  Team work  HESI text HIV and peds HIV  Lewis ch. 15  Saunders NCLEX  Ch. 47 peds HIV  Ch. 70 immune  Ch. 71 imm meds | Discussion Post  Presentation:  GNV Teams TBD  JAX Team 6 and 7  Audience: All Other Teams | Quiz #7  Psychiatric Disorders  Ch.72 Found MH  Ch. 74 MH dx  Ch. 77 MH meds |
| June 12 & 13 | Two day NCLEX intensive review in GNV |  |  |  |
| June 14 – HESI in GNV  Regulation: Diabetes | Readings & Resources on Canvas  HESI text endocrine  Lewis ch. 48-49  Saunders NCLEX  Ch. 39 peds endo  Ch. 54 endo  Ch. 55 endo meds | Discussion Post  Team 10 or 20 Presentations will be posted online as voiceover ppt or similar technology  Audience: All Other Teams |  | Quiz #8  HIV & Peds HIV  Ch. 47 peds HIV  Ch. 70 immune  Ch. 71 imm meds |
| June 15 | End of Life & palliative Care & Spirituality | Readings & Resources on Canvas  HESI text death & grief  <http://www.gowish.org/article.php/resource_websites>  Lewis ch. 10  Saunders NCLEX  Ch. 6 culture  Ch. 7 ethics  Ch. 76 crisis | Discussion Post  Presentation:  GNV Teams TBD  JAX Guest Speaker  Audience: All Teams  Peer evaluation due on Canvas | Quizzes 9 & 10 Endocrine  Ch. 39 peds endo  Ch. 54 endo  Ch. 55 endo meds (Death & Grief)  Ch. 6 culture  Ch. 7 ethics  Ch. 76 crisis |

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| Approved: | Academic Affairs Committee:  General Faculty:  UF Curriculum Committee: | 09/09; 02/12  09/09; 03/12  10/09; 04/12 |