UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

SUMMER, 2015

COURSE NUMBER NUR 4748

Section 0091

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

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Office Hours: Friday 1030-1230

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 OBJECTIVES 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

COURSE SCHEDULE: Summer A.

DAYS TIME ROOM

Wednesday 0800-1215 G-301

Thursday 0800-1215 G-301

E-Learning in Sakai is the course management system that you will use for this course. E-Learning in Sakai is accessed by using your Gatorlink account name and password at <http://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](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 post traumatic stress disorder

TEACHING METHODS

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 interprofesssional resources in the plan of care and justification of plan of care in relation to optimal outcomes.

LEARNING ACTIVITIES

Participation in class, exemplar presentations with case analysis and web-based and classroom assignments.

EVALUATION METHODS/ COURSE GRADE CALCULATION

Class Participation 15%

Exemplar –case study presentation 25%

Individual Assessments (IRAT) #1 10%

Individual Assessments (IRAT) #2 10%

Team Assessments (GRAT) #1 10%

Team Assessments (GRAT) #2 10%

HESI Exam\* 10%

Peer Evaluation 10%

100%

\*This administration of HESI satisfies the University of Florida and College of Nursing Academic Learning Compact.

MAKE UP POLICY

There will be no make-ups for missed assessments/exams. If a student misses an individual or team assessment/exam due to extenuating circumstances as determined by the faculty, the score for that missed assessment will be an average of the other individual and team assessments.

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 ‘Sakai’ and UF 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>

REQUIRED RESOURCE

Exam soft will be utilized in this course for the administration of examinations. Students will be instructed by faculty on how to access and pay for this required resource.

REQUIRED TEXTBOOKS

**Any required textbooks from previous courses may be used in this course as assigned readings.**

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, D., & Wilson, D.  (2014). Maternal child nursing care*(5th ed.).  Maryland Heights, MO: Mosby.

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

*Townsend, M.C. (2011). Essentials of psychiatric mental health nursing: Concepts of care in evidence-based practice* (5th ed.). Philadelphia: FA Davis.

RECOMMENDED TEXTS

Ohman, K. A.  (2010).  *Davis’s Q&A for the NCLEX-RN examination*. Philadelphia:  F.A. Davis.

WEEKLY CLASS SCHEDULE

**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 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 Sakai. Case exemplars, suggested readings, and class objectives will be posted for each class date on Sakai.**

**Exemplars/class objectives will be opened one week in advance through e-learning Sakai.**

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| DATE | TOPIC/EVALUATION | FACULTY |
| Class #1  Wed. May 13 | **Orientation to course**:  In-class review of expectation for team-based learning, presentations, individual and group assessments, peer evaluation.  Class focus: prepare for case presentations tomorrow | Dr. Sandra Citty |
| Class #2  Thurs. May 14 | Class focus: Care of clients with **chronic multisystem illnesses** and disabilities across the lifespan including a need for organ transplant.  Case study exemplar: Children and adults with multisystem alterations in equilibrium related to **heart failure**.  ***CHF case exemplar****:*  *Team Presentation*  *Section 1: Team 7*  *Section 2: Team 9*  *Section 3: Team 1*  *Section 4: Team 3*  *Section 5: Team 5*  ***Heart and Lung Case exemplar****:*  *Team Presentation*  *Section 1: Team 2*  *Section 2: Team 4*  *Section 3: Team6*  *Section 4: Team 8*  *Section 5: Team 10*  *Each team brings 1 article on the first exemplar and 1 article on the other exemplar. Post link and summary on Sakai discussion board.* | Dr. Sandra Citty |
| Class #3  Wed. May 20 | Class focus: Care of clients (across lifespan) with alterations in fluid volume.  Case study exemplar: Children and adults with **decreased circulating fluid volume** due to hospital acquired infections, **risk of sepsis**.  ***Team Presentation- Team 1 (all 5 sections)***  Class focus: Care of patients with alterations in **oxygenation and gas exchange**.  Case study exemplar: Older adult who is critically ill with COPD developing behavioral changes associated with dementia and delirium.  ***Team Presentation- Team 2 (all 5 sections)***  *Audience members: each team brings 1 article on the first exemplar and 1 article on the other exemplar. Post link and summary on Sakai discussion board.* | Dr. Sandra Citty |
| Class #4  Thurs. May 21 | Class focus: Care of clients with diabetes and substance abuse.  Case study exemplar: **Diabetes** in children and adults. Adult with diabetes and substance abuse problem.  ***Team Presentation- Team 3 (all 5 sections)***  *Audience members: each team brings 1 article on exemplar. Post link and summary on Sakai discussion board.* | Dr. Anastasia Albanese-O’Neil/  Dr. Sandra Citty |
| Class #5  Wed. May 27 | Class focus: Care of clients with multiple trauma injuries.  Case Exemplar: Family with **multi trauma** from a motor vehicle accident.  ***Team Presentation - Team 4(all 5 sections)***  *Audience members: each team brings 1 article on exemplar. Post link and summary on Sakai discussion board.*  IRAT & TRAT #1 | Professor Dorie Frum |
| Class #6  Thurs. May 28 | Class focus: Caring for clients with acute or chronic illness across settings.  Case study exemplar: Older adult with history of **dementia and polypharmacy falls** at home and sustains fractured hip and receives care across settings (hospital to nursing home to home care). ***Team Presentation- Team 5 (all 5 sections)***  Class focus: Care of clients with chronic multisystem illnesses and disabilities across the lifespan.  Case study exemplar: An individual with multisystem alterations related to **traumatic brain injury**. Implications for other family members, including **PTSD**.  ***Team Presentation- Team 6 (all 5 sections)***  *Audience members: each team brings 1 article on the first exemplar and 1 article on the other exemplar. Post link and summary on Sakai discussion board.* |  |
| Class #7  Wed. June 3 | Class focus: Care of clients **with altered tissue integrity.**  Case Exemplar: An older adult at risk or experiencing decreased tissue perfusion and development of pressure ulcer.  ***Team Presentation- Team 7 (all 5 sections)***  Class focus: Care of patients with **immune deficiency.**  Case study exemplar: Adult woman with acquired immune deficiency syndrome. Discussion to include comparison to a younger adult with **HIV**.  ***Team Presentation-Team 8 (all 5 sections)***  *Audience members: each team brings 1 article on the first exemplar and 1 article on the other exemplar. Post link and summary on Sakai discussion board.* | Dr. Sandra Citty |
| Class #8  Thurs. June 4 | **End of Life care/Palliative Care**  Focus on: Advanced directives, end of life care, palliative care, communication.  *For class: Audience members: each team brings 1 article on the first exemplar. Post link and summary on Sakai discussion board.* | Dr. Toni Glover/Dr. Sandra Citty |
| Class #9  Wed. June 10 | Class focus: Care of clients with thermal injury—**burns.**  Case Exemplar: Burn patient.  ***Team Presentation- Team 9 (all 5 sections)***  Class focus: Care of patients with multisystem alterations related to **anxiety disorders**.  Case study exemplar: Young adult woman with an eating disorder. Discussion to include comparison of types of eating disorders.  ***Team Presentation* – Team 10 *(all 5 sections)***  *Audience members: each team brings 1 article on the first exemplar and 1 article on the other exemplar. Post link and summary on Sakai discussion board.* | Dr. Sandra Citty |
| Class #10  Thurs. June 11  0830-1300  HSC Computer Lab | **HESI Exam** – \*NOTE TIME and LOCATION\*  Bring earphones for audio questions  Bring snack if needed | Dr. Sandra Citty |
| Class #11  Wed. June 17 | Multisystem chronic disease  End of life / palliative care case study  See Sakai site for instructions  All students | Dr. Sandra Citty |
| Class #12  Thurs. June 18 | Class focus: Caring for clients across the lifespan who have multisystem alterations related to **domestic violence**.  Case study exemplar: Woman with breast cancer in abusive relationship. Discussion includes adults and children in abusive relationships.  ***Team Presentation- Team 11 (all 5 sections)***  *Audience members: each team brings 1 article on the first exemplar. Post link and summary on Sakai discussion board.*  ***IRAT & TRAT #2*** | Dr. Sandra Citty |

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

Academic Honesty

UF Grading Policy

Accommodations due to Disability

Religious Holidays

Counseling and Mental Health Services

Student Handbook

Faculty Evaluations

Student Use of Social Media

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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 |