UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

SUMMER 2018

COURSE NUMBER NGR 6612 Section 7E75

COURSE TITLE Family Nurse Practitioner: Complex Family Health Care

CREDITS 3

# PLACEMENT DNP Program: Family Nurse Practitioner Track

PREREQUISITE NGR 6350 Family Nurse Practitioner: Women, Adolescents,

and Children

NGR 6350L Family Nurse Practitioner: Adults, Women,

Adolescents, and Children Clinical

CO-REQUISITE NGR 6612L Family Nurse Practitioner: Complex Family Health

Care Clinical

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Office hours: Friday in Gainesville 11:00- 1:00pm and by appt

Big Blue Button for individual meetings as needed

COURSE DESCRIPTION

This course provides the student with the knowledge base for the management of adults with age-related changes and complex health comorbidities. Students consider relevant theories, resources, client preferences, evidence-based treatment recommendations, and potential drug synergies and interactions in the development of comprehensive treatment approaches for adults with complex, chronic and unstable health problems. Strategies for optimizing specialist collaboration and client transitions between home, acute care, and chronic care facilities are developed. Clinical implications of the aging process and end-of-life care are also included in this course.

COURSE OBJECTIVES

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

1. Integratefunctional assessment and knowledge of normal physiologic and psychologic age-related changes into the development of comprehensive assessment plans of adults with complex health comorbidities.

1. Utilize appropriate theoretical and evidence-based approaches to develop and evaluate comprehensive health care plans for adults with complex health comorbidities.
2. Analyze the primary care provider role for the client who requires multiple specialists and/or who transitions between health care settings.
3. Develop pharmacologic treatment approaches that consider cost, altered drug metabolism in aging persons, adverse drug interactions, and drug synergism for adults with selected complex health comorbidities.

5. Analyze communication and ethical issues in complex client care situations with clients from diverse backgrounds, including levels of education, and varying views of illness and treatments.

6. Develop strategies to facilitate family and client quality of life at the end of life.

7. Analyze the impact of legal, political, economic and sociocultural factors on access and utilization of health care services for clients and families.

COURSE SCHEUDLE

Holidays: Memorial Day Monday May 28th

Summer Break June 18-24th

Independence Day July 4th

e-Learning in Canvas is the course management system that you will use for this course.

Access [e-Learning in Canvas](http://elearning.ufl.edu/) 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 an email to [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu). The internet browser, Google Chrome, works best with e-Learning and it is often helpful to access the course using the VPN connection.

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 on the web via Canvas and occasional direct emails, including grades and comments on assignments. If you contact me by voicemail, on-line posting or email, you can expect a response **within three business days**. When I am traveling, response time may be longer because of time changes and access to the Internet. 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. Clinical implications of the aging process
2. Assessing and enhancing functional status in older adults
3. End of life/palliative care approaches
4. Management of clients with complex and unstable health conditions such as acute coronary syndrome, pulmonary embolus, acute dyspnea, acute abdominal pain and transient ischemic attacks (TIAs)
5. Management of clients with comorbid and complex health problems such as chronic obstructive pulmonary disease, renal failure, congestive heart failure, atrial fibrillation, psychotic disorders, substance abuse, chronic pain, HIV, diabetes, auto-immune disorders, and dementia
6. Management of clients who require complex pharmacologic regimens
7. Evidence-based treatment recommendations and alterations required by client choice or client resources
8. Care coordination for primary care clients who are hospitalized or require long-term care
9. Impact of environmental factors and ethical factors on access, utilization, and provision of health care

# TEACHING METHODS

Lectures, discussion, individual assignments, presentations.

LEARNING ACTIVITIES

Readings, Case Study Assignments and Presentation, 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 on Canvas.

|  |  |
| --- | --- |
| **Assignment** | **% of Final Grade** |
| Case Study Assignments (8 @ 5 points each) | 40% |
| Quizzes   * 8 Modular Quizzes (8 @ 5 points each) | 40% |
| Individual Assignments (4 @ 5 points each) | 20% |
|  | 100% |

*Feedback on assignments will be returned within two weeks of due date.*

MAKE UP POLICY

ALL assignments are due on the date and time assigned. If lateness is unavoidable, notify the professor prior to the due date. **Late submission will not be accepted for grading unless students speaks with faculty before assignment due date regarding the extenuating circumstance**. Make-up quizzes will not be available.

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, refer to the [Graduate Student Handbook](http://graduateschool.ufl.edu/). http://gradcatalog.ufl.edu/content.php?catoid=4&navoid=907#grades

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/) at <http://www.dso.ufl.edu/students.php> 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 at <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

# REQUIRED TEXTBOOK

Williams, B.A., Chang, A., Ahalt, C., Chen, H., Conant, R. Landefeld, C.S., Ritchie, C. & Yukawa Y. (2014). *Current diagnosis & treatment: Geriatrics* (2nd ed.). New York, NY: McGraw-Hill Education. **(Available as ebook online through UF library)**

# RECOMMENDED TEXTBOOKS

Reuben, D.B., Herr, K.A., Pacala, J.T., Pollock, B.G., Potter, J.F., & Semla, T.P. (2016). Geriatrics at your fingertips (18th ed.). New York, NY: American Geriatrics Society.

Papadakis, M.A., McPhee, S.J., & Rabow, M.W. (2016). Current medical diagnosis & treatment (55th ed.). New York: NY: McGraw-Hill Education. **(Available as ebook online through UF library)**

**DESCRIPTION OF CLASS MODULES** (readings and assignments may be modified to achieve course objectives)

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| **MODULE** | **DATES** | **TOPICS** | **READINGS and DUE DATES** |
| 1 | 05/14/18 – 05/18/18 | Welcome and Course Introduction  Physiologic Changes of Aging | Syllabus and Getting Started Guide  *Current Diagnosis and Treatment: Geriatrics*  Chapters 1, 4, 5, 74, 76  Introduce yourself with the Ice Breaker on Big Blue Button-then copy and paste the recording link on the corresponding Discussion Board by May 18 at 11:59 pm  Individual assignment due May 21 at 11:59 pm |
| 2 | 05/21/18 – 05/25/18 | Geriatric Assessment   * Medicare and Medicaid * Medicare Annual Wellness Visit * Preventative and Screening Services * Immunizations * Managing Multiple Chronic Conditions * Polypharmacy | *Current Diagnosis and Treatment: Geriatrics*  Chapters 2, 6--9, 53  The ABCs of the Annual Wellness Visit  Individual assignment due May 29 at 11:59 pm |
| 3 | Memorial Day  5/28  05/28/18 –06/01/18 | **Systems Approach to Common Geriatric Conditions**  **Cardiovascular**   1. Abdominal Aortic Aneurysm (AAA) 2. Atrial Fibrillation (AF) 3. Chronic Coronary Heart Disease (CHD) 4. Heart Failure (HF) 5. Hypertension (HTN) (double or triple med therapy) 6. Managing Anticoagulation Therapy | *Current Diagnosis and Treatment: Geriatrics*  Chapters 28-33, 55, 63  Individual case study assignment and presentation due June 4 at 11:59 pm.  Quiz open May 28, 5:00 pm until June 4, 11:59 pm |
| 4 | 06/04/18 – 06/8/18 | **Systems Approach to Common Geriatric Conditions**  **Respiratory**   1. Aspiration Pneumonia 2. Chronic Bronchitis 3. Chronic Obstructive Pulmonary Disease (COPD) 4. Emphysema 5. Pulmonary Embolus 6. Prescribing Oxygen Therapy 7. Sleep Apnea | *Current Diagnosis and Treatment: Geriatrics*  Chapters 34, 47 (respiratory infections), 50 (sleep apnea), 64  Individual case study assignment and presentation due June 11 at 11:59 pm.  Quiz open June 4, 5:00 pm until June 11, 11:59 pm |
| 5 | *06/11/18 – 06/15/18* | **Systems Approach to Common Geriatric Conditions**  **Malignant Neoplasms and Hematologic**   1. Anemia 2. Breast Cancer 3. Cancer Survivorship Care 4. Colon Cancer 5. Lung Cancer 6. Pancreatic Cancer 7. Prostate Cancer 8. Managing Cancer Fatigue 9. Melanoma | *Current Diagnosis and Treatment: Geriatrics*  Chapters 40, 43-44  Individual case study assignment and presentation due June 18 at 11:59 pm.  Quiz open June 11, 5:00 pm until June 18, 11:59 pm |
| 6 | *06/18/18 – 06/22/18* | **Systems Approach to Common Geriatric Conditions**  **Accidents and Sensory Deficits**   1. Dizziness 2. Fall Assessment and Prevention 3. Benign Paroxysmal Positional Vertigo (BPPV) 4. Neuropathy   **Musculoskeletal**   1. Low Back Pain 2. Osteoarthritis 3. Osteoporosis | *Current Diagnosis and Treatment: Geriatrics*  Chapters 25-27, 59, 62  Individual case study assignment and presentation due July 2 at 11:59 pm.  Quiz open June 18, 5:00 pm until July 2, 11:59 pm |
|  | *06/25/18 – 06/29/18* | **SUMMER BREAK** |  |
| 7 | Independence Day July 4th  07/2/18 – 07/6/18 | **Systems Approach to Common Geriatric Conditions**  **Neurological**   1. Alzheimer’s Disease 2. Assessing Driving Ability 3. Cerebrovascular Accident (CVA) 4. Essential Tremor 5. Mild Cognitive Impairment 6. Parkinson’s Disease 7. Transient Ischemic Attack (TIA) | *Current Diagnosis and Treatment: Geriatrics*  Chapters 22-24, 52  Individual case study assignment and presentation due July 9 at 11:59 pm.  Quiz open July 2, 5:00 pm until July 9, 11:59 pm |
| 8 | 07/09/18 – 07/13/18 | **Systems Approach to Common Geriatric Conditions**  **Genitourinary**   1. Benign Prostatic Hyperplasia (BPH) 2. Chronic Renal Failure 3. Incontinence 4. Sexual Dysfunction 5. Urinary Tract Infection (UTI)   **Endocrine and Metabolic**   1. Hypothyroidism 2. Hyperthyroidism 3. Type II Diabetes Mellitus | *Current Diagnosis and Treatment: Geriatrics*  Chapters 38-39, 41-42  Individual case study assignment and presentation due July 16 at 11:59 pm.  Quiz open July 9, 5:00 pm until July 16, 11:59 pm |
| 9 | 07/16/17 – 07/20/18 | **Systems Approach to Common Geriatric Conditions**  **Gastrointestinal**   1. Assessing Nutritional Deficiencies 2. Chronic Constipation 3. Fatty Liver 4. Hepatitis C (HCV) | *Current Diagnosis and Treatment: Geriatrics*  Chapters 35-36  Individual case study assignment and presentation due July 23 at 11:59 pm.  Quiz open July 16, 5:00 pm until July 23, 11:59 pm |
| 10 | 07/23/18 – 07/27/18 | **Systems Approach to Common Geriatric Conditions**  **Immunologic**   1. Herpes Zoster 2. Human Immunodeficiency Virus (HIV) 3. Pneumonia   **Mental Health and Sleep Disorders**   1. Anxiety 2. Assessing Suicide Risk 3. Depression 4. Delirium 5. Insomnia | *Current Diagnosis and Treatment: Geriatrics*  Chapters 21, 45, 47 (HIV/AIDS), 48, 50 (Insomnia)  Individual case study assignment and presentation due July 30 at 11:59 pm.  Quiz open July 23, 5:00 pm until July 30, 11:59 pm |
| 11 | 07/30/18 – 08/03/18 | Managing Pain  Prescribing Opioid Medications  Assessing the Potential for Substance Abuse | *Current Diagnosis and Treatment: Geriatrics*  Chapters 54, 58, 60, 65-66  Individual assignment due August 3 at 11:59 pm |
| 12 | 08/06/18 – 08/10/18 | Transitions in Care: Hospitalization and Long-Term Care  Palliative and End-of-Life Care | *Current Diagnosis and Treatment: Geriatrics*  Chapters 3, 11-13, 15-16, 18-19  Individual assignment due August 10 at 11:59 pm |

Approved: Academic Affairs Committee: 01/08

Faculty: 07/08

UF Curriculum: 10/08