UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

Spring 2021

COURSE NUMBER NGR 6002C

COURSE TITLE Advanced Health Assessment and Diagnostic Reasoning

CREDITS 4 [3 credits didactic, 1 credit laboratory (45 laboratory hours)]

PLACEMENT First semester in selected tracks

(Advanced Practice Nursing Core)

PREREQUISITES None

COREQUISITES None

# COURSE FACULTY

Cynthia "Cindi" Figueroa PhD, APRN, ANP-BC

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CLINICAL FACULTY

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| Sandra Wolfe Citty, PhD, APRN-BC, CNE  Clinical Associate  Office: HPNP 2210C  Cell Phone: (352) 356-1581  Office Hours: Fridays 0800-1000 Virtual by Appointment  Email: [swolfe@ufl.edu](mailto:swolfe@ufl.edu) | Rose Nealis, PhD, APRN, PCPNP-BC, CPNP-AC Clinical Associate Professor  Office: HPNP 2223  Office Phone: (352) 273-6412  Office hours: Virtual by Appointment  Email:[nealirm@ufl.edu](mailto:nealirm@ufl.edu) |

COURSE DESCRIPTION This course provides the student with knowledge and clinical experience in advanced health assessment of diverse clients across the life span within the context of the advanced practice role. Emphasis is on acquisition and analysis of relevant data for the development of a comprehensive and holistic assessment. A major focus is on the symptom/health problem assessment and selection and interpretation of screening and diagnostic tests in order to formulate a differential diagnosis.

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

1. Demonstrate proficiency in performing comprehensive health assessments including risk assessment.
2. Demonstrate proficiency in performing focused health assessments.
3. Perform a risk assessment of the client which takes into consideration life circumstance and cultural, ethnic, and developmental variations.
4. Organize and present holistic health assessment data.
5. Differentiate normal physiological alterations from pathological findings.
6. Demonstrate proficiency in performing symptom/health problem assessments based on selected chief complaints.
7. Utilize the diagnostic reasoning process in the selection and interpretation of appropriate screening and diagnostic tests.

COURSE/LABORATORY SCHEDULE

Faculty Section Day Time

Figueroa 1H70 Web-based Web-based

We will have one (1) face-to-face instructional session in the Harrell Center to accomplish the student learning objectives of this course. In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

* + - You are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
    - If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms](https://coronavirus.ufhealth.org/screen-test-protect/covid-19-exposure-and-symptoms-who-do-i-call-if/).
    - Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies](https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/)
    - You are expected to adhere to all policies of the clinical agency to maintain safety such as wearing approved personal protective equipment. It is your responsibility to act in accordance with the UF Health Student COVID-19 Pledge.

Didactic sessions for this course **may be** audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded.  If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded.  If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

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

1. Characteristics of holistic assessment based on systems theory including physiological, affective and cognitive systems for client and client’s environment

2. Cross-cultural communication

3. Organization of comprehensive and focused health assessment data

1. Verbal and written communication of comprehensive and focused health assessment data
2. Advanced health assessment
3. Risk assessment taking into consideration life circumstance and cultural, ethnic, developmental, and family variations
4. Illness assessment based on common chief complaints
5. Screening tests for physical and mental health
6. Diagnostic tests for common acute and chronic illnesses
7. Selected mnemonics, e.g., BELIEF, ETHIC

# TEACHING METHODS

Online lectures, discussion, clinical skill demonstration, simulation exercises, audiovisual materials, and case studies. This course will utilize a simulation lab for practice of assessment skills, not actual clinical settings with patients.

LEARNING ACTIVITIES

Online lectures, discussion, clinical skill demonstration via GoReact video, simulation exercises, audiovisual materials, and case studies. This course will utilize a simulation lab for practice of assessment skills, not actual clinical settings with patients.

EVALUATION METHODS/COURSE GRADE CALCULATION

Minimum Required Contact Hours for Laboratory: 45

Students will be required to participate in demonstration of the male and female exam through the Harrell Professional Development and Assessment Center. Attendance at these sessions is required. This experience requires one (1) full day at the University in the Harrell Center.

1. Harrell/Anaclerio Learning Center (ALC) Male/Female Assessments:

**March 25th or the 26th, 2021 from 9AM-5PM. (SEE SIGN-IN SHEET posted on Canvas site)**

1. The **Final Exam** using GoReact Canvas Application video **due on April 19. 2021 by 8:00 PM.**

For students who achieve a satisfactory laboratory grade, the letter grade for the course will be based upon the following:

1. Written assignments including SOAP notes and objective evaluations, online and in lab.
2. Participation in weekly lab work.
3. Proficiency in examination of each body system (Full PE). This will be evaluated by a GoReact 20-minute video.

The student must demonstrate proficiency in all the above in order to pass the course.

Comprehensive H & P Paper 20%

Weekly Online Quizzes 30%

SOAP notes or assignments 15%

Midterm Video Assessment (20 min) (s/u) 05%

Final Video Full Assessment (20 min) 30%

100%

Mid-Term video is due on Week 9: S/U grade according to YOUR faculty feedback.

CLASS ATTENDANCE AND MAKE UP POLICY

Students are responsible for meeting all academic objectives as defined by the instructor. Absences count from the first class meeting. In general, acceptable reasons for absences from class include illness, serious family emergencies, special curricular requirements, military obligation, severe weather conditions, religious holidays, and participation in official University activities. Absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) must be excused. Other reasons also may be approved.

Students may not attend classes unless they are registered officially or approved to audit with evidence of having paid audit fees. After the end of drop/add, the Office of the University Registrar provides official class rolls/addenda to instructors. Students who do not attend at least one of the first 2 class meetings of a course or laboratory in which they are registered and who have not contacted the academic unit to indicate their intent may be dropped from the course. **Students must not assume that they will automatically be dropped if they fail to attend the first few days of class.** The academic unit will notify students dropped from courses or laboratories by posting a notice in the academic unit office. Students may request reinstatement on a space-available basis if documented evidence is presented. The University recognizes the right of the individual professor to make attendance mandatory. After due warning, professors may prohibit further attendance and then assign a failing grade for excessive absences. Students who have registration changes, at any time during the semester, should verify their registrations before the last day of class of the term. Retroactive drop/add or other registration changes will not be permitted.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/graduate/regulations/#text>

NOTE:

This is an online course except for the mandatory Harrell Center activity (1 day).

• Online assessment/learning activities/quizzes due at the end of each week, Fridays by 2359.

• **Late assignment** submissions will **NOT** be accepted, unless preapproved by your designated

faculty member. Refer to Faculty/Student List on your Canvas course site.

• Feedback from your designated faculty is generally within 72 hours, exceptions may exist such

as on weekends & holidays.

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/graduate/regulations/>.

COURSE EVALUATION

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

ACCOMMODATIONS DUE TO DISABILITY

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://disability.ufl.edu/> ) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

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.

***As students in the health professions at UF Health, you are expected to promote safety and a culture of care and concern for each other and for patients. Across our academic health center’s missions of research, teaching and patient care, nursing students must lead by example and take individual responsibility for modeling healthy habits and behaviors to minimize the spread of COVID-19. Failure to comply with the established public health measures, both on and off campus, is considered a serious breach of professional conduct*.**

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://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-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 for student policies (<http://students.nursing.ufl.edu/currently-enrolled/student-policies-and-handbooks/>) and a full explanation of each of the university policies – (<http://students.nursing.ufl.edu/currently-enrolled/course-syllabi/course-policies>)

UF Grading Policy

Religious Holidays

Counseling and Mental Health Services

Student Handbook

Faculty Evaluations

Student Use of Social Media

# REQUIRED TEXTBOOKS

Ball, J., Dains, J., Flynn, J., Solomon, B., & Stewart, R. (2018). Seidel's guide to physical

examination (9th ed.). St Louis, MO: Elsevier. ISBN-13: 978-0323112406

Goolsby, M. J., & Grubbs, L. (2018). Advanced assessment: interpreting findings and

formulating differential diagnoses (3rd ed.). Philadelphia, PA: F.A. Davis Company. ISBN-13: 978-0803643635

Pagana, K., & Pagana, T. (2017). *Mosby’s manual of diagnostic and laboratory tests*

(6th ed.). St. Louis, MO: Elsevier. ISBN-13: 978-0323089494

GoReact Canvas Application – You can purchase a 1-class license from the GoReact website <https://get.goreact.com/>, this is a mandatory purchase, as we will use this application in the online course the for videotaping assignments.

RECOMMENDED TEXTBOOKS

(There are also several E Books on Physical Assessment)

**You need to be on the VPN to use these books:**

DERMATOLGY & PEDIATRICS: Refer to eBooks at the Library

Soutor C, Hordinsky MK. eds. Clinical Dermatology. New York, NY: McGraw-Hill.

<http://accessmedicine.mhmedical.com/content.aspx?bookid=2184&sectionid=165458162> URL: <https://accessmedicine.mhmedical.com/book.aspx?bookid=2184>

**WEEKLY CLASS SCHEDULE**

**All assignments are due at the end of each week, on Friday by 11:59pm (2359)**

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| **DATE** | **TOPIC** | **LEARNING ACTIVITIES/ READINGS** | **EVALUATION** |
| **Week 1**  **Jan. 11-15**  **Classes Begin Jan 11, 2021** | Course Orientation via Video by Dr Figueroa  January 11, 2021  (posted on “Announcement Tab” in Canvas)  Introduction to Course History Taking SOAP Note Construction | Text Book Related Chapters | SOAP Quiz |
| **Week 2**  **Jan. 18-22**    **Holiday (MLK) 1/18/2021** | HEENT  Vital Signs | Text Book Related Chapters | HEENT Quiz, SOAP Note & Pedigree Assignment |
| **Week 3**  **Jan. 25-29** | Neuro/ Mental | Text Book Related Chapters | Neuro Quiz & SOAP Note  Psych Quiz |
| **Week 4**  **Feb. 1-5** | Billing and Coding | Guest Lecturer –  Dr. D. Schentrup |  |
| **Week 5**  **Feb. 8-12** | Musculoskeletal | Text Book Related Chapters | MS Quiz & SOAP Note |
| **Week 6**  **Feb. 15-19** | Dermatology | Text Book Related Chapters | Lesion Identification Activity  DERM Quiz |
| **Week 7**  **Feb. 22-26** | Cardiovascular  Lymphatic System | Text Book Related Chapters | Cardiac Quiz |
| **Week 8**  **March 1-5** | Abdomen | Text Book Related Chapters | Abd Quiz |
| **Week 9**  **March 8-12** | Pulmonary | Text Book Related Chapters | Pulmonary Quiz  **Mid-Term Head to Toe Assessment Video Due** |

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| **Week 10**  **March 15-19** | Male GU Exam/  Rectal Exam | Text Book Related Chapters | Male Quiz |
| Female GU Exam/  Breast Exam | Female Quiz |
| **Harrell Center Exam Room Meeting:**  **Main briefing/conference Room (375, 3rd floor HMEB) Harrell Center**  **March 25th or on the 26th from 9AM – 5PM (per your pre-assigned day)** | | | |
| **Week 11**  **March 22-26** | - Microscopy  - Diagnostic Reasoning | Text Book Related Chapters | Microscopy Quiz |
| **Week 12**  **March 29-April 2** | - Genetics  - Cultural Competence | Text Book Related Chapters  Online Modules: Culture (1)  Genetics (2) | Cultural Competency –  Assignment (1)  Genetics in Health Care –  Assignment (2)  Genetics/Culture Quiz |
| **Week 13**  **April 5-9** | - Pediatric Assessment  - Pregnancy Assessment  - Assessment of Older Adult | Text Book Related Chapters | Peds/Pregnancy Quiz |
| **Week 14**  **April 12-16** | - Pain Assessment  - Sports Participation PE  - Non-Specific Complaints  - Putting It All Together | Guest Lecturer – Dr. Wilkie  Text Book Related Chapters | Comprehensive H&P Paper (Due: 4/16/2021) |
| **Week 15**  **April 19-23** | **FINAL Comprehensive PE:** **Using GoReact Video Software**  **Due by April 26, 2021 by 8:00 PM (2000)**  **(Instructions outlined on Course Canvas site &**  **in Video Orientation Session)** | | |
| **END OF SEMESTER Classes End April 24, 2021**  **UF Final Exam Period April 24 – 30, 2021** | | | |

The purposes of the curriculum leading to the degree Doctor of Nursing Practice are to:

1. Prepare the student to acquire advanced competencies in increasingly complex practice and emerging leadership roles.
2. Provide the student with a significant and comprehensive knowledge base that supports scientific skepticism and the incorporation of new knowledge in advanced nursing practice.
3. Provide the student with enhanced knowledge for the acquisition of leadership skills used to improve nursing practice and patient outcomes.

Upon completion of the doctoral program, the graduate will be able to:

1. Evaluate scientific bases from extant and emerging areas of knowledge for advanced nursing practice.
2. Evaluate decision support systems to solve clinical problems for individuals, aggregates and systems.
3. Develop advanced leadership and collaborative skills to mobilize interdisciplinary teams to solve highly complex clinical problems.
4. Develop expertise to formulate health policy and provide leadership in establishing clinical excellence and creating new models of cost-effective health care delivery.
5. Critically assess, plan, intervene and evaluate the health experiences of individuals, aggregates and systems to provide safe, evidence-based care.
6. Synthesize knowledge of cultural diversity and global perspectives in delivering health care and in critiquing nursing systems.

Approved: Academic Affairs Committee: 05/96; 04/01; 02/14

Faculty: 08/96; 05/01; 02/14

UF Curriculum: 10/96; 07/01