

UNIVERSITY OF FLORIDA  
COLLEGE OF NURSING  
COURSE SYLLABUS  
SUMMER 2021

<u>COURSE NUMBER</u>	NGR 6002C
<u>COURSE TITLE</u>	Advanced Health Assessment and Diagnostic Reasoning
<u>CREDITS</u>	4 [3 credits didactic, 1 credit laboratory (48 laboratory hours)]
<u>PLACEMENT</u>	First semester in selected tracks (Advanced Practice Nursing Core)
<u>PREREQUISITES</u>	None
<u>COREQUISITES</u>	None

FACULTY

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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 that 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

<u>Faculty</u>	<u>Section</u>	<u>Day</u>
Bumbach	7065	Web-based
Bruney	7066	Web-based

We will have one (1) face-to-face instructional session in the Harrell Center, Anaclerio Learning Facility to accomplish the student learning objectives of this course.

Our class sessions 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.

When we have face-to-face instructional sessions 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.
- This course has been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements. Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
- Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), 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.](#)

- 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.](#)

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
4. Verbal and written communication of comprehensive and focused health assessment data
5. Advanced health assessment
6. Risk assessment taking into consideration life circumstance and cultural, ethnic, developmental, and family variations
7. Illness assessment based on common chief complaints
8. Screening tests for physical and mental health
9. Diagnostic tests for common acute and chronic illnesses
10. 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 asynchronous lectures, readings, skills practice, case studies with documentation charting, Shadow Health online virtual cases, clinical skills demonstration via video recording

### EVALUATION METHODS/COURSE GRADE CALCULATION

- Minimum Required Contact Hours for Laboratory: 48
- Online assessment/learning activities/quizzes due at the end of each week, Sunday by 11:59pm, exceptions are noted on the syllabus.
- Feedback from your designated faculty is generally within 10 working days, exceptions may exist such as on weekends & holidays or larger assignments (i.e., video assessment).

- Satisfactory on assignment equal  $\geq 74\%$  on each/all of the given assignments,  $<74\%$  is unsatisfactory.
- Competency performance of the male and female exam through the Anaclerio Learning and Assessment Center. Attendance at these sessions is mandatory (On-campus activity) and no make-up session will be available. The dates/times will be determined and posted on Canvas

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

	Percentage of Grade
Video Assessments/System SOAP Notes	33%
Problem Focused Examination SOAP Notes	15%
Comprehensive Physical Examination (S/U)	20%
Comprehensive History & Physical (H&P) SOAP	10%
Shadow Health Online Cases	10%
Weekly Quizzes	10%
Harrell Center – Male/Female Examinations (S/U)	2%
Total	100%

Weekly Assignments: Weekly assignments consist of quizzes or online activities. Weekly assignments are available in the Canvas Course Site. Weekly assignments will not be re-opened after the due date. Students should contact faculty in advance if an emergency prevents completion of weekly activities within the assigned time, prior to the due date (see Make Up Policy). Faculty will consider emergency situations on a case-by-case basis.

Shadow Health Case Studies: Case studies must be done individually. Case studies will have 10% per day deducted for late submissions. Case studies will be graded from the DCE (Digital Clinical Experience) score as generated by Shadow Health.

### MAKE UP POLICY

Alternative or make-up activities will only be available for notification of an excused absence that is provided prior to the missed class. Excused absences are personal illness, or death in the family. Work or vacation related activities that cause a missed assignment, quiz, exam, or attendance are not excused absences. No due dates will be altered to accommodate your other courses, work, or family obligations. If, upon review of the syllabus, you feel it would be challenging to meet the schedule requirements of this course, you should consider taking this course in a subsequent semester when your schedule allows it. Your continued enrollment in this course connotes agreement with the course schedule.

- Late assignment submission will be deducted 10% each 24 hours after the submission due date, before grading.
- No make up sessions will be available for the Harrell Center male/female examinations. Missing this learning component will render the course incomplete.

## 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

Goolsby, M. J., & Grubbs, L. (2019). *Advanced assessment: interpreting findings and formulating differential diagnoses* (4th ed.). Philadelphia, PA: F.A. Davis Company. ISBN-13: 978-0803643635; ISBN-10: 0803643632

Ball, J., Dains, J., Flynn, J., Solomon, B., & Stewart, R. (2019). *Seidel's guide to physical examination* (9th ed.). St Louis, MO: Elsevier. ISBN-13: 978-0-323-48195-3

Shadow Health. (2021). *Digital Clinical Experience, Advanced Health Assessment DCE*. [Software]. ISBN: 978-0-98-978881-6. Available from <http://www.shadowhealth.com>

- Pin: **5387-3951-5297-6503**
- Student Account Setup: Students can create their accounts by visiting <http://app.shadowhealth.com/> and enrolling in your course with this course specific. More information is available on the Canvas page.

GoReact. (2021). [Software]. Video Application.

- Accounts can be made in the Canvas course website. Instructions are in the Modules/Assignments.

#### RECOMMENDED TEXTBOOKS

You must be on the VPN to use these books: DERMATOLGY & PEDIATRICS: Refer to EBooks at the Library. There are also several E Books on Physical Assessment.

Soutor C, Hordinsky MK. eds. (2013). *Clinical Dermatology*. New York, NY: McGraw-Hill.

Direct URL: <https://accessmedicine.mhmedical.com/book.aspx?bookid=2184>.

WEEKLY CLASS SCHEDULE

DATE	TOPIC/EVALUATION	READINGS	Program Outcomes
<p><b>Week 01</b> May 10-14</p>	<ul style="list-style-type: none"> <li>• Introduction to Course</li> <li>• History Taking</li> <li>• SOAP Note Construction</li> </ul> <p>Shadow Health: Due May 16, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Digital Clinical Experience Orientation, Tina Jones</li> <li>2. Conversation Concept Lab, Rachel Adler</li> <li>3. Health History, Tina Jones</li> </ol> <p>SOAP Note Quiz: Due May 16, by 11:55 pm</p> <p>Video Assessment: Personal Introduction Video (Practice Video)</p> <p><b>Note: Assignments due on the Sunday of the respective week.</b></p>	<p>Goolsby (G) Ch 1 Ball (B): Ch. 1, 3, 5 (page 60)</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>
<p><b>Week 02</b> May 17-21</p>	<ul style="list-style-type: none"> <li>• HEENT</li> </ul> <p>Shadow Health: Due May 23, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. HEENT Assignment, Tina Jones</li> <li>2. HEENT SOAP</li> </ol> <p>HEENT Quiz: Due May 23, by 11:55 pm</p> <p>Video Assessment: HEENT</p>	<p>G: Ch. 4, 5, 6 B: 11, 12, 13</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>

<p><b>Week 03</b> May 24-28</p>	<ul style="list-style-type: none"> <li>• Cardiovascular</li> <li>• Pulmonary</li> <li>• Lymphatic System</li> </ul> <p>Shadow Health: Due May 30, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Cardiovascular Concept Lab</li> <li>2. Cardiovascular, Tina Jones</li> <li>3. Respiratory Concept Lab</li> <li>4. Respiratory, Tina Jones</li> <li>5. Cardiothoracic SOAP</li> </ol> <p>Quiz: Due May 30, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Cardiac</li> <li>2. Pulmonary</li> </ol> <p>Video Assessment: Cardiovascular/Pulmonary</p>	<p>G: Ch. 7,8 B: Ch. 10, 14, 15, 16</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>
<p><b>Week 04</b> June 1-4 Holiday: May 31</p>	<ul style="list-style-type: none"> <li>• Abdomen</li> </ul> <p>Shadow Health: Due June 6, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Abdominal Concept Lab</li> <li>2. Gastrointestinal, Tina Jones</li> <li>3. Abdominal SOAP</li> </ol> <p>Abdomen Quiz: Due June 6, by 11:55 pm</p> <p>Video Assessment: Abdomen</p>	<p>G: Ch. 10 B: Ch. 18</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>



<p><b>Week 05</b></p> <p>June 7-11</p>	<p>•Musculoskeletal</p> <p>Shadow Health: Due June 13, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Musculoskeletal, Tina Jones</li> <li>2. Musculoskeletal SOAP</li> </ol> <p>MSK Quiz: Due June 13, by 11:55 pm</p> <p>Video Assessment: MSK</p>	<p>G: Ch. 14 B: Ch. 22</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>
<p><b>Week 06</b></p> <p>June 14-18</p>	<p>•Neurological/Mental Health</p> <p>Shadow Health: Due June 20, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Neurological, Tina Jones</li> <li>2. Mental Health, Tina Jones</li> <li>3. Neuro/Mental Health SOAP</li> </ol> <p>Neuro/Mental Health Quiz: Due June 20, by 11:55 pm</p> <p>Video Assessment: Neurological</p>	<p>G: Ch. 15, 17 B: Ch. 7, 23</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>
<p><b>June 21-25</b> Summer Break</p>			

<p><b>Week 07</b></p> <p>June 28- July 2</p>	<ul style="list-style-type: none"> <li>• Male GU/Rectal Examination</li> <li>• Female GU/Breast Examination</li> </ul> <p>Shadow Health: Due by July 3*, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Focused Exam: Cough</li> <li>2. Problem Focused Examination SOAP</li> </ol> <p>Quiz: Due by July 3*, by 11:59 pm</p> <ol style="list-style-type: none"> <li>3. Male Quiz</li> <li>4. Female Quiz</li> </ol> <p><b>**Harrell Center, Anaclerio Learning Center – Students will come to campus on one day, as assigned to this week. Scheduled July 22 OR July 23.**</b></p> <p>Video Assessment: Start to review for Comprehensive Physical Assessment Video Assignment</p> <p><b>*Note – Saturday due date from July 4 holiday.</b></p>	<p>G: Ch. 9, 11, 12, 13 B: Ch. 17, 19, 20, 21</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>
<p><b>Week 08</b></p> <p>July 6-9</p> <p>Holiday: July 5</p>	<ul style="list-style-type: none"> <li>• Genetics <ul style="list-style-type: none"> <li>○ Pedigree Sample</li> </ul> </li> <li>• Cultural Competence</li> </ul> <p>Shadow Health: None</p> <p>Quiz/Online Assignment: Due July 11, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Genetics/Cultural Competency Quiz</li> </ol> <p>Video Assessment: Comprehensive Physical Assessment: Due July 11, by 11:55 pm</p>	<p>G: Ch. 2 B: Ch. 2</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>

<p><b>Week 09</b> July 12-16</p>	<ul style="list-style-type: none"> <li>•Dermatology</li> <li>•Microscopy</li> <li>•Diagnostic/Clinical Reasoning</li> </ul> <p>Shadow Health: Due July 18, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Focused Exam: Chest Pain</li> <li>2. Problem Focused Examination SOAP</li> </ol> <p>Quiz/Online Assignment: Due July 18, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Dermatology Lesion Identification Quiz</li> <li>2. Microscopy Quiz</li> </ol> <p>Video Assessment: None</p>	<p>G: Ch. 3 B: Ch. 4, 9</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>
<p><b>Week 10</b> July 19-23</p>	<ul style="list-style-type: none"> <li>•Billing &amp; Coding (Online Guest Lecture)</li> <li>•Pediatric Assessment</li> <li>•Pregnancy Assessment</li> <li>•Assessment of the Older Adult</li> </ul> <p>Shadow Health Assignment: Due July 25, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Focused Exam: Abdominal Pain</li> <li>2. Problem Focused Examination SOAP</li> </ol> <p>Pediatrics/Pregnancy Quiz: Due July 25, by 11:55 pm</p> <p><b>**Harrell Center, Anaclerio Learning Center – Students will come to campus on one day, as assigned to this week. Scheduled July 22 OR July 23. **</b></p> <p>Video Assessment: None</p>	<p>G: Ch. 18, 19, 20 B: Ch. 8</p>	<p>1, 2, 3, 4, 5, 8, 9, 10, 11</p>

<b>Week 11</b> July 26-30	<ul style="list-style-type: none"> <li>•Pain Assessment (Online Guest Lecturer)</li> <li>•Sports Participation Physical Examination</li> <li>•Non-Specific Complaints</li> <li>•Putting It All Together</li> </ul> <p>Shadow Health Assignment: Due August 1, by 11:55 pm</p> <ol style="list-style-type: none"> <li>1. Comprehensive Assessment, Tina Jones</li> <li>2. Comprehensive History &amp; Physical (H&amp;P) SOAP</li> </ol> <p>Video Assessment: None</p>	G: Ch. 16 B: Ch. 6, 24, 25	1, 2, 3, 4, 5, 8, 9, 10, 11
<b>Week 12</b> August 2-6	Review Week		

Approved: Academic Affairs Committee: 05/96; 04/01; 02/14  
Faculty: 08/96; 05/01; 02/14  
UF Curriculum: 10/96; 07/01