UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

SUMMER 2020

COURSE NUMBER NGR 6002C – Section 7065

COURSE TITLE Advanced Health Assessment and Diagnostic Reasoning

CREDITS 4 [3 credits didactic, 1 credit laboratory (48 laboratory hours)]

PLACEMENT First semester in selected tracks (Advanced Practice Nursing Core)

PREREQUISITES None

COREQUISITES None

# FACULTY

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| Michael D. Bumbach, PhD, APRN, FNP-BC  Clinical Assistant Professor – Course Lead  Office: HPNP 4201  Phone: 352.273.6638  Email: [mbumbach@ufl.edu](mailto:mbumbach@ufl.edu)  Office Hours: Online by appointment | Cynthia Figueroa, PhD, APRN, ANP-BC  Clinical Assistant Professor  Office: HPNP 3239  Phone: 352.273.6424  Email: [cindiarn@ufl.edu](mailto:cindiarn@ufl.edu)  Office Hours: Wednesday 3-5 |
| Sandra Wolfe Citty, PhD, APRN-BC, CNE  Clinical Associate Professor  Office: HPNP 2210C  Phone: 352.356.1581  Email: [Sandra.Citty@va.gov](mailto:Sandra.Citty@va.gov)  Office Hours: Friday 10-12 or by appointment | Michael Maymi, DNP, APRN, CPNP-AC, CCRN  Clinical Assistant Professor  Office: HPNP 3238  Phone: 352.273.6799  Email: [maymim@ufl.edu](mailto:maymim@ufl.edu)  Office Hours: Thursday 8-10 |

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

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

Readings, skills practice, case studies, and paper, ShadowHealth

EVALUATION METHODS/COURSE GRADE CALCULATION

Minimum Required Contact Hours for Laboratory: 48

One on campus Lab Days (GUTA Standardized Patients @ Harrell Center in the Anaclerio Learning Center) – The dates and times will be determined.

Competency performance of the male and female exam through the Anaclerio Learning and Assessment Center. Attendance at these sessions are mandatory (On-campus activity)

* Online assessment/learning activities/quizzes due at the end of each week, Sundays by 11:59pm, exceptions are noted on the syllabus.
* Late assignment submission will be deducted 10% each 24 hours after the submission due date, before grading.
* Feedback from your designated faculty is generally within 72 hours, exceptions may exist such as on weekends & holidays.
* Satisfactory on assignment equal ≥ 74%, <74% is unsatisfactory.

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

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|  | Percentage of Grade |
| Video Assessments/System SOAP Notes | 25% |
| Problem Focused Examination SOAP | 20% |
| Comprehensive Physical Examination (S/U) | 20% |
| Comprehensive History & Physical (H&P) SOAP | 15% |
| Shadow Health Online Cases | 10% |
| Weekly Quizzes or Online Assignment | 10% |
| 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.

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: http://gradcatalog.ufl.edu/content.php?catoid=4&navoid=907#grades

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, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)) 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.

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 <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 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

Religious Holidays

Counseling and Mental Health Services

Student Handbook

Faculty Evaluations

Student Use of Social Media

# REQUIRED TEXTBOOKS

Goolsby, M. J., & Grubbs, L. (2015). Advanced assessment: interpreting findings and

formulating differential diagnoses (3rd 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. (2017). Digital Clinical Experience (Version 5.0) [Software].

(ISBN: 978-0-9897888-0-9) Available from [http://www.shadowhealth.com](http://shadowhealth.com)

**Student Account Setup:** Students can create their accounts by visiting <http://app.shadowhealth.com/> and enrolling with this course-specific. Further instructions are in the course Modules.

**PIN: Summer2020-6167-6476-4900-5053**

GoReact. (2020). Video Application. Accounts can be made in the Canvas course website. Instructions are in the Modules/Assignments.

RECOMMENDED TEXTBOOKS

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.

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

There are also several E Books on Physical Assessment.

WEEKLY CLASS SCHEDULE

Please refer all questions to Course Lead – Dr. M. Bumbach

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| **DATE** | **TOPIC/EVALUATION** | **READINGS** |
| **Week 01**  May 11 – 15  *Semester Begins May 11* | * Introduction to Course * History Taking * SOAP Note Construction   Shadow Health: Due May 17, by 11:55 pm   1. Digital Clinical Experience Orientation, Tina Jones 2. Conversation Concept Lab, Rachel Adler 3. Health History, Tina Jones   SOAP Note Quiz: Due May 17, by 11:59 pm  Video Assessment: Personal Introduction Video | Goolsby (G) Ch 1  Ball (B): Ch. 1, 3, 5 (page 60) |
| **Week 02**  May 18-22 | * HEENT   Shadow Health: Due May 24th, by 11:55 pm   1. HEENT Assignment, Tina Jones 2. HEENT SOAP   HEENT Quiz: Due May 24th, by 11:59 pm  Video Assessment: HEENT | G: Ch. 4, 5, 6  B: 11, 12, 13 |
| **Week 03**  May 26-29  *Holiday 5/25* | * Cardiovascular * Pulmonary * Lymphatic System   Shadow Health: Due May 31st, by 11:55 pm   1. Cardiovascular Concept Lab 2. Cardiovascular, Tina Jones 3. Respiratory Concept Lab 4. Respiratory, Tina Jones 5. Cardiothoracic SOAP   Quiz: Due May 31st, by 11:59 pm   1. Cardiac 2. Pulmonary   Video Assessment: Cardiovascular/Pulmonary | G: Ch. 7,8  B: Ch. 10, 14, 15, 16 |
| **Week 04**  June 1-5 | * Abdomen   Shadow Health: Due June 7th, by 11:55 pm   1. Abdominal Concept Lab 2. Gastrointestinal, Tina Jones 3. Abdominal SOAP   Abdomen Quiz: Due June 7th, by 11:59 pm  Video Assessment: Abdomen | G: Ch. 10  B: Ch. 18 |
| **Week 05**  June 8-12 | * Musculoskeletal   Shadow Health: Due June 14th, by 11:55 pm   1. Musculoskeletal, Tina Jones 2. Musculoskeletal SOAP   MSK Quiz: Due June 14th, by 11:59 pm  Video Assessment: MSK | G: Ch. 14  B: Ch. 22 |
| **Week 06**  June 15-19 | * Neurological/Mental Health   Shadow Health: Due June 21st, by 11:55 pm   1. Neurological, Tina Jones 2. Mental Health, Tina Jones 3. Neuro/Mental Health SOAP   Neuro/Mental Health Quiz: Due June 21st, by 11:59 pm  Video Assessment: Neurological | G: Ch. 15, 17  B: Ch. 7, 23 |
| **Summer Break June 22-July 3** | | |
| **Week 07**  July 6-10 | * Genetics   + Pedigree Sample * Cultural Competence   Shadow Health: Due July 12th, by 11:55 pm   1. None   Quiz/Online Assignment: Due July 12th, by 11:59 pm   1. Genetics/Cultural Competency Quiz: 2. Cultural Competency Online Assignment   Video Assessment: None | G: Ch. 2  B. Ch. 2 |
| **Week 08**  July 13-17 | * Male GU/Rectal Examination * Female GU/Breast Examination   Shadow Health: Due by July 19th, by 11:55 pm   1. Focused Exam: Cough 2. Problem Focused Examination SOAP   Quiz: Due by July 19th, by 11:59 pm   1. Male Quiz 2. Female Quiz   Harrell Center, Anaclerio Learning Center – Students will come to campus on one day, as assigned to this week. Schedules TBD.  Video Assessment: None | G: Ch. 9, 11, 12, 13  B: Ch. 17, 19. 20, 21 |
| **Week 09**  July 20-24 | * Dermatology * Microscopy * Diagnostic/Clinical Reasoning   Shadow Health: Due July 26th, by 11:55 pm   1. Focused Exam: Chest Pain 2. Problem Focused Examination SOAP   Quiz/Online Assignment: Due July 26th, by 11:59 pm   1. Dermatology Lesion Identification Assignment 2. Microscopy Quiz 3. Dermatology Quiz   Video Assessment: None | G: Ch. 3  B: Ch. 4, 9 |
| **Week 10**  July 27-31 | * Billing & Coding (Online Guest Lecture) * Pediatric Assessment * Pregnancy Assessment * Assessment of the Older Adult   Shadow Health Assignment: Due Aug 2nd, by 11:55 pm   1. Focused Exam: Abdominal Pain 2. Problem Focused Examination SOAP   Pediatrics/Pregnancy Quiz: Due Aug 2nd, by 11:59 pm  Video Assessment: None | G: Ch. 18, 19, 20  B: Ch. 8 |
| **Week 11**  August 3-7 | * Pain Assessment (Online Guest Lecturer) * Sports Participation Physical Examination * Non-Specific Complaints * Putting It All Together   Shadow Health Assignment**\***: Due Aug 5th, by 11:55 pm **(\*Note: This is a change from the usual assignment due day.)**   1. Comprehensive Assessment, Tina Jones 2. Comprehensive History & Physical (H&P) SOAP   Quiz/Online Assignment: Begin Practicing Comprehensive Physical Examination  Video Assessment: Begin Practicing Comprehensive Physical Assessment | G: Ch. 16  B: Ch. 6, 24, 25 |
| **Week 12**  August 10-14  *Semester Ends August 14* | Video Assessment**\***: Due Aug 10th, by 11:59 pm  **(\*Note: This is a change from the usual assignment due day.)**   1. Comprehensive Physical Examination (S/U) |  |

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

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

UF Curriculum: 10/96; 07/01