UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

Fall 2015

COURSE NUMBER NGR 6054C - Section 5717

COURSE TITLE Advanced Health Assessment and Diagnostic  
 Reasoning for Neonatal Nurse Practitioners

CREDITS 4 [3 credits didactic, 1 credits laboratory)

PLACEMENT DNP Program: Neonatal Nurse Practitioner Track

COREQUISITES NGR 6140 Physiology and Pathophysiology for Advanced Nursing Practice

# FACULTY

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| --- | --- | --- | --- |
| Jacqui Hoffman, DNP, NNP-BC  [hoffmanjm@ufl.edu](mailto:hoffmanjm@ufl.edu) |  | Cell (727) 709 9211 | Office hours: Virtual on Adobe Connect, please call to schedule |

COURSE DESCRIPTION This course provides the student with knowledge and clinical experience in advanced health assessment. Emphasis is on acquisition and analysis of relevant data for the development of a comprehensive and holistic assessment. Content and skills are applied in the health and illness assessment of the pre-term and term neonate/infants within the context of the advanced practice role. The major focus is on the symptom/health problem assessment in neonate/infants and interpretation of screening and diagnostic tests to formulate a differential diagnosis.

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

1. Demonstrate proficiency in performing comprehensive and focused health assessments.
2. Apply advanced health assessment techniques in the focused assessment of neonates/infants.
3. Recognize patterns of abnormal embryological and fetal growth and development including the genetic and environmental variables which influence those patterns.
4. Organize and present holistic health assessment data.
5. Differentiate normal physiological alterations from pathological findings.
6. Demonstrate proficiency in performing illness assessments based on selected symptoms.
7. Utilize the diagnostic reasoning process in the selection and interpretation of appropriate screening and diagnostic tests.
8. Select screening and diagnostic tests appropriate for neonates/infants.

COURSE SCHEDULE

|  |  |  |  |
| --- | --- | --- | --- |
|  | Day | Time |  |
| Class | On-line | Classes are on Mondays from 1 – 5 PM on Adobe Connect, except as indicated on course outline  Mandatory onsite, Tuesday, December 1st, 8-5 PM | |
| Seminar | On-line | Mondays, November 16th from 3-5 and November 23rd from 1-5 on Adobe Connect | |

There will be **one mandatory on-campus class on Tuesday, December 1st, 8-5** where all students will complete the comprehensive physical assessment of the neonate.

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://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

1. Principles of holistic assessment based on systems theory, including physiological, affective, and cognitive systems.
2. Advanced health assessment techniques, including risk assessment, screening tests, and diagnostic tests.
3. Organization of health and illness assessment data.
4. Verbal and written communication of health and illness assessment data.
5. Assessment for congenital anomalies, including family history, physical examination, and laboratory evaluation.
6. Risk assessment appropriate to prenatal and perinatal circumstances and gestational age.
7. Screening tests appropriate for the neonate/infants.
8. Diagnostic tests for presenting symptoms in the neonate/infants.

# TEACHING METHODS

Lecture, discussion, case studies, written materials, computer assisted instruction and audiovisual materials. This course will utilize a simulation lab for practice of assessment skills, not actual clinical settings with patients.

LEARNING ACTIVITIES

Online and class participation, case presentations, learning modules and exam.

EVALUATION METHODS/COURSE GRADE CALCULATION

Clinical Modules 35%

Clinical modules will be posted weekly based on the weekly schedule. These are short assignments that will be due before the start of class the following week. Assignments will not be accepted following that time. Each module will be discussed during class.

Comprehensive Examination (Take-home exam) 25%

Class participation 10%

Each student will present a case patient at the assigned seminar date/time. Criteria for grading will be included in course materials at beginning of term. Attendance at the seminars is mandatory.

Physical assessment of the neonate 30%

Each student will complete a comprehensive examination utilizing a simulation manikin. Criteria for physical assessment will be included in course materials at beginning of term. The student must demonstrate proficiency (74% or above) in the 15 minute check off in order to pass the course. If unable to demonstrate proficiency, a course grade of C- will be assigned regardless of scores achieved on other assignments and the course must be retaken to progress in the program.

Total 100%

Assignments will be graded within a 2 week period.

MAKE UP POLICY

Clinical modules are due prior to class and will not be accepted late except under extraordinary circumstances (such as illness or death in the family) since they will be discussed in class; the student should explain these circumstances to the course instructor **prior** to the scheduled assignment due date. All students are expected to attend the three seminars and the on-campus class. Students who have extraordinary circumstances preventing attendance should communicate these circumstances to the course instructor prior to the scheduled on-site class or seminars; a note from a healthcare provider may be required.

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 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>

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

# REQUIRED TEXTBOOKS

Cloherty, J., Eichenwald, E., Hansen, A. & Stark, A. (2012). *Manual of Neonatal Care*, (7th ed.). Lippincott, Williams & Wilkins. ISBN-13: 978-1-60831-777-6.

Tappero, E.P. & Honeyfield, M.E. (2014). *Physical assessment of the newborn: A comprehensive approach to the art of physical examination* (5th ed.). NICU INK. ISBN: 978-1-887571-18-0.

WEEKLY CLASS SCHEDULE

Classes are on Monday afternoons via Adobe Connect; content will be announced at the beginning of the term on course website.