UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

Fall 2015

COURSE NUMBER NGR 6323 - Section 13FG

COURSE TITLE Neonatal Nurse Practitioner 3

CREDITS 4

PLACEMENT DNP Program: Neonatal Nurse Practitioner Track

PREREQUISITES NGR 6321 Neonatal Nurse Practitioner 2

NGR 6321L Neonatal Nurse Practitioner Clinical 2

CO-REQUISITES NGR 6323L Neonatal Nurse Practitioner Clinical 3

FACULTY

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| --- | --- | --- | --- |
| Jacqui Hoffman, DNP, NNP-BC  [hoffmanjm@ufl.edu](mailto:hoffmanjm@ufl.edu) | HPNP 2225 | Cell (727) 709 9211 | Office hours: Virtual on Adobe Connect by arranged meeting, Mon. 12:00–1:00 PM; additional hours by appt |
| Leslie A. Parker, PhD, NNP-BC [parkela@ufl.edu](mailto:parkela@ufl.edu) | HPNP 2227 | (352) 273-6384  Beeper#:  (352) 413-3212  Cell (352) 215 9360 | Thurs., 10:00 – 12:00 ; additional hours by appt |

COURSE DESCRIPTION This course provides the student with in-depth knowledge of advanced nursing practice management of critically ill and chronically ill neonates/infants. Emphasis is on the utilization of relevant theories, critical thinking, and evidence-based knowledge to formulate differential diagnoses, diagnoses, treatment plans, and optimal outcome parameters for physiologically unstable or chronically ill neonates/infants who have complex and critical health problems, are technologically dependent, and are at high risk for developing complications. The focus of this course is genetics, developmental, ethics, drug exposure, hematologic, immune dysfunction, GU disorders, musculoskeletal/integumentary disorders and commonly occurring health care problems in critically ill and chronically ill neonates/infants.

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

1. Apply knowledge from neonatal and fetal physiology and pathophysiology to formulate management plans for neonates/infants with selected complex critical and/or chronic health care problems.

COURSE OBJECTIVES (continued)

1. Develop appropriate differential diagnoses and diagnoses based on analysis and interpretation of hypothetical data, including history, symptoms, physical findings, and diagnostic information for critically ill and chronically ill neonates/infants.
2. Formulate treatment plans based on current scientific rationale, evidence-based practice guidelines and standards of care for neonates/infants with selected critical and/or chronic health care problems.
3. Propose parameters to evaluate the effectiveness of treatment plans in achieving optimal outcomes for neonates/infants with selected complex critical and/or chronic health care problems.
4. Discuss collaborative processes of the interdisciplinary health care team in achieving optimal health outcomes for critically ill and/or chronic neonates/infants.
5. Critique research related to complex acute and critical health care problems.
6. Analyze diversity issues related to complex acute and critical health care problems.
7. Discuss patient and family issues related to end of life care.
8. Evaluate support programs within the hospital and community to assist the patient and family during and following hospitalization.

COURSE SCHEDULE

|  |  |  |  |
| --- | --- | --- | --- |
|  | Day | Time |  |
| Class | On-line | Classes will be on Mondays from 8 AM - Noon on Adobe Connect **unless otherwise announced**. On Neo III exam dates, class will be Monday from 10:30 AM - noon.  Neo III Exams 8-10AM  Mandatory onsite class Monday, November 30th, 9AM-5PM. | |

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 <https://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. The effect of chronic health problems on the infant, family and community
2. Pathophysiology, assessment, and management of retinopathy of prematurity, short gut syndrome, bronchopulmonary dysplasia, and osteopenia of prematurity
3. Pathophysiology, assessment and management of hemopoietic and clotting disorders, immunologic disorders, musculoskeletal, skin and genitourinary defects in the neonate
4. Identify patterns of abnormal embryological and fetal growth and development including the genetic and environmental variables which influence those patterns.
5. Developmental care for the critically ill and/or chronically ill neonate during and following hospitalization
6. Perinatal substance abuse and the effect on the fetus and neonate
7. Discharge planning of the chronically ill neonate including: preparing the family for home monitoring, oxygen therapy, parental nutrition and ventilatory support.
8. Legal, ethical and economic issues which impact the provision of care for the infant with long-term health problems
9. The evolution of the advanced neonatal nursing specialization into the community

TEACHING METHODS

Lecture, group discussion, case studies and case presentations, audiovisual materials, and computer assisted instruction.

LEARNING ACTIVITIES

Online and class participation and written assignments.

EVALUATION METHODS/COURSE GRADE CALCULATION

4 Case studies 20% total - 5% each

Case Study 1: 9/21/2015

Case Study 2: 10/12/2015

Case Study 3: 11/9/2015

Case Study 4: Presented at onsite mandatory class

Criteria for case studies will be in course materials at the beginning of term.

3 Examinations 60% total - 20% each

Neo II Exam 1: 9/14/2015

Neo II Exam 2: 10/26/2015

Neo III Exam 3: 12/7/2015

Must achieve an average of 74% or higher on the three exams to pass the course.

Interprofessional Module 10%

Additional information will be provided during first week of class

Class participation 10%

All students are required to place at least 3 entries per week on the Sakai discussion board (minimum 45). This may include submitting new items for discussion or to discuss an issue already introduced.

Total 100%

Assignments will be graded by faculty within a 2 week time period

MAKE UP POLICY

Make-up exams will only be arranged in the event of extreme emergencies and the course faculty must be notified in advance. Students who have extraordinary circumstances preventing submitting any assignment by the due date should explain these circumstances to the course instructor **prior** to the scheduled assignment due date. Failure to discuss prior to the due date will result in the missed assignment not being accepted once the assignment has been reviewed in class. If the case study assignment has not been reviewed in class, a letter grade will be lost for each additional day the assignment is late, if the student did give prior notification to the course faculty. Attendance at seminars are required; if unable to attend due to illness or emergency, the course faculty must be notified in advance, and the student will be required to listen to the recorded session and submit a summary of each presentation highlighting areas that increased their understanding of the problem/disease process.

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/ugrad/current/regulations/info/grades.aspx>

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

Blackburn, S. (2013). Maternal, fetal, and neonatal physiology: A clinical perspective. (4th ed.). Elsevier. ISBN: 9781437716238.

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. (suggested to purchase with workbook at CCPR: <http://ccprwebsite.org/cp_product.cfm?i=102>)

Gomella, T. L., Cunningham, M.D., & Eyal, F.G. (2013). *Neonatology management, procedures, on-call problems, diseases and drugs: 25th Anniversary* (7th ed.). McGraw-Hill Professional Publishing. ISBN: 9780071768016.

Moore, K. & Persaud, T. (2011). *The Developing Human: Clinically oriented embryology* (9th ed.). Elsevier. ISBN - 9781437720020.

Young, T. E., & Mangum, B. (Most recent edition – available online). *Neofax.*

WEEKLY SCHEDULE

Will be announced at the beginning of semester on course website.