UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE Syllabus

FALL 2018

COURSE NUMBER NGR 6372C Section 2E11

COURSE TITLE Advanced Pediatric Procedures and Diagnostics

CREDITS 03 (2 credits didactic, 1 credit laboratory 48 laboratory contact hours)

PLACEMENT DNP Program: Pediatric Nurse Practitioner Track

PREREQUISITES NGR 6002C: Advanced Health Assessment and Diagnostic Reasoning

NGR 6101: Theory and Research for Nursing

NGR 6140: Physiology and Pathophysiology for Advanced Nursing Practice

NGR 6636: Health Promotion & Role Development in Advanced Practice Nursing

CO-REQUISITES NGR 6301: Advanced Child Health Nursing I

NGR 6301L: Advanced Child Health Nursing Clinical I

# FACULTY Phone Office Office Hours

Teresa Bruney, DNP, ARNP, PNP-BC 352-371-3604 HPNP 2225 M 7-8 am

Clinical Assistant Professor M-F 8-5 T 7-8 am

Always available by appointment. 352-316-4229 Cell – texts only

[bruneyts@ufl.edu](mailto:bruneyts@ufl.edu)

Rose M. Nealis, PhD, ARNP, 273-6412 HPNP 2223 Tues 0700 – 0800 &

PCPNP-BC , AC-CPNP Weds. 0700 – 0800

PNP Program Director & by appointment

Clinical Associate Professor

[nealirm@ufl.edu](mailto:nealirm@ufl.edu)

COURSE DESCRIPTION:

This course provides theoretical knowledge and emphasizes psychomotor skills necessary to provide selected advanced practice nursing interventions utilized in the care of infants, children and adolescents in a variety of settings. Focus is on the provision of safe and effective advanced practice nursing care to diverse populations.

COURSE OBJECTIVES:

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

1. Integrate concepts and theories of biological, behavioral and nursing in assessing the health status of infants, children and adolescents.
2. Apply the problem-solving approach to the collection and analysis of subjective and objective data relevant to infant, child, and adolescent health status.
3. Differentiate between normal and abnormal health status changes that occur from newborn through adolescence.
4. Develop a working assessment for health status changes based upon history and physical findings, selected theoretical frameworks and physical science.
5. Utilize appropriate communication skills to elicit and record a comprehensive health history that includes culturally relevant data.
6. Demonstrate proficiency in selected advanced practice nursing diagnostic skills and procedures.
7. Integrate principles of safety into advanced practice nursing.
8. Evaluate selected advanced practice nursing diagnostic skills and procedures based on current evidence.

***COURSE/LABORATORY SCHEDULE***

***There will be a REQUIRED in person lab session: Monday, October 15th and Tuesday, October 16th, 2018. Lab Location in Gainesville and Session Times: NRC (HPNP, 1st Floor, Rm 1203-1205), 7:30am-4:30pm***

COURSE SCHEDULE

E-Learning in Canvas is the course management system that you will use in this course. E-Learning in Canvas is accessed by your Gator Link account name and password at <http://elearning.ufl.edu/>. There are several tutorials and student links on the E-Learning login site. If you have technical questions call UF Computing Help Desk at 352-392-HELP pr e-mail them at [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu).

It is important that you regularly check your Gatorlink account e-mail for College and University wide information and the Course E-Learning Canvas site for announcements and notifications.

Course websites are generally made available on the Friday before the first day of classes.

This course will consist of on-line tutorials, on-line didactic material, synchronous on-line seminars, and a two day face-to-face lab in Gainesville on Monday 10-15-18 and Tuesday 10-16-18 730am-430pm, location NRC in HPNP building. Attendance is required. Notice of this meeting and three additional on-line clinical seminar dates was emailed to students the week of July 15th.

Differential diagnostic reasoning seminars will begin 10-15-18 at our face-to-face lab in Gainesville. Three additional clinical seminars will be held on three Mondays from 2-6 pm through Big Blue Button on the course Canvas site. The three on-line, Big Blue Button clinical seminars will be 10-29-18, 11-19-18, and 12-3-18 from 2-6 pm. Students will present and discuss clinical cases, construct differential diagnoses, practice differential diagnostic reasoning, construct and critique treatment and management plans, discuss patient education, and plan follow-up as needed. Synchronous [real-time] on-line attendance is required for the three Big Blue Button clinical seminars.

There is a HELP number on the Big Blue Button connection site. Text me at 352-316-4229 if you try the HELP line and still experience connection problems, and identify yourself as a student in NGR 6372.

Two exams will be administered through Proctor U.

*ProctorU* Information for Graduate Online Courses:

* Major course examinations will be administered via ***ProctorU***, a live proctoring service, to ensure a secure testing environment.
* Each student computer must be in compliance with Policy S1.04, *Student Computer Policy* and must contain a web cam, microphone, and speakers.
* Each examination will have a fee to be paid by the student.
* Students go to the website <http://www.proctoru.com/> and click on “How To Get Started”. This will permit students to create an account and test out their system.
* Once an instructor makes an exam available, students go online to ***ProctorU*** to schedule and pay for the exam session. Students must provide a valid email address and phone number where they can be reached during an exam.
* CON IT Support office will oversee this process and provide technical assistance.

TOPICAL OUTLINE

* 1. Characteristics of holistic assessment based on systems theory.
  2. Oral screenings for children of all ages.
  3. Assessment for congenital anomalies including family history, physical examination, and laboratory evaluation.
  4. Risk assessment taking into consideration prenatal and perinatal circumstances and gestational age for developmental disabilities.
  5. Screening tests for physical and mental health as appropriate for the child (including but not limited to) autism spectrum disorders, attention deficit disorders, anxiety, depression, obesity, substance abuse, risk taking behaviors.
  6. Diagnostic tests for presenting symptoms in children (including but not limited to) chemistries, cultures, lipids, electrolytes, CBC.
  7. Selected advanced psychomotor skills and therapeutic diagnostic techniques
  8. Comprehensive nutritional assessments for children
  9. Family and Parenting Assessments
  10. Principles and interpretation of 12-Lead ECG
  11. Wound care principles and techniques
  12. X-ray principles and interpretation

TEACHING METHODS

# Lecture, discussion, written materials, audiovisual materials, presentation of case studies, clinical demonstration, and presentation of exemplars of lab and procedural data

# LEARNING ACTIVITIES

Laboratory interpretation and diagnostic test interpretation. Simulation exercises, audiovisual materials, critiques of current literature, case study analysis, guided clinical practice.

# EVALUATION METHODS AND COURSE GRADE CALCULATION

Written Assignments 60%

Exam 1 20%

Exam 2 20%

Clinical experiences S/U minimum 48 hours

Participation in clinical seminar is expected with case presentations as well as reviewing relevant literature, and will be graded P/F. Clinical seminar will be conducted at our face-to-face lab and on 3 select Monday afternoons and will contribute 16 hours of lab time to NGR 6372C. One mandatory on-site lab in Gainesville will contribute 12 hours of lab time.

Written assignments include four case studies, documenting the care provided to an acutely ill child, and will be graded. The case studies will contribute 60% to the course grade and 8 hours of lab time to NGR 6372C. Each case study must receive a minimum grade of 80% in order to pass the course. Written assignments will be returned within 2 weeks of submission.

Several developmental and mental health assessments are required to be completed and will contribute 16 hours of lab time to NGR 6372C.

Requirements for the Case Studies, web-based tutorials, developmental assessments, and exams will be discussed during the first class meeting, and will be detailed in a separate document on the course Canvas website.

MAKE UP POLICY

Any needed make-up will be done on an individual basis. If the first exam is missed, the grade on the last exam will be the grade for both exams.

GRADING SCALE

A 95-100 C 74-79\*

A- 93-94 C- 72-73

B+ 91- 92 D+ 70-71

B 84-90 D 64-69

B- 82-83 D- 62-63

C+ 80-81 E 61 or below

\* 74 is the minimal passing grade

For more information on grades and grading policies, please refer to the University’s grading policies:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

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 <https://sccr.dso.ufl.edu/process/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>)

Attendance

UF Grading Policy

Accommodations due to Disability

Religious Holidays

Counseling and Mental Health Services

Student Handbook

Faculty Evaluations

Student Use of Social Media

DISABILITY STATEMENT

Students who wish to obtain individual accommodations due to special learning needs must register with the University of Florida Disability Resources Center (DRC) **at the beginning of each semester**. Accommodations are not retroactive, therefore, students should contact the DRC at the beginning of each semester in the term for which they are seeking accommodations. The DRC may be contacted at 352-392-8565 so that appropriate accommodations may be made.  **Individual accommodations require time for the Disability Resources Center (DRC) to approve and the faculty to respond to any special learning needs**.  **Each semester**, it is the students’ responsibility to notify all their faculty of any special accommodations **once approval by the DRC for special accommodations has been made**.  <https://drc.dso.ufl.edu/>

REQUIRED TEXTS:

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| --- | --- |
| None  RECOMMENDED TEXTS:  None |  |

WEEKLY CLASS SCHEDULE

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| --- | --- | --- | --- |
| DATE | **TOPIC/EVALUATION** | **ASSIGNMENTS/READINGS** | FACULTY |
| 9-3-18 | Introduction to the Course  Monday 2-430 pm  Big Blue Button Live  Will be recorded and posted on the course Canvas site for those unable to attend live. | **Web-based Tutorials: Wound Management** | Bruney |
| 9-3-18 | Pediatric EKG Interpretation | **Web-based Tutorials: Pediatric EKG** | Bruney |
| 9-10-18 | Common Lab Studies and Diagnostic Tests in Pediatrics | **Web-based Tutorials: Diagnostic Testing** | Bruney |
| 9-17-18 | Pediatric Nutrition and Assessment of Nutritional Adequacy | **Web-based Tutorials: Nutritional Assessment** | Bruney |
| 9-24-18 | No tutorials or seminars this week. | **1st of 4 Clinical Case Studies Due** | Bruney |
| 10-1-18 | Newborns: Assessment and management of healthy newborns | **Web-based Tutorial: Newborn Care** | Bruney |
| 10-8-18 | **EXAM 1**  **Schedule 1 hour during the following times:**  **10-8-18 6am through 10-10-18 1159pm** | Proctor U |  |
| 10-15-18 | Supporting the breastfeeding patient and family | **Web-based tutorial: Breastfeeding** | Bruney |
| 10-15-18  And  10-16-18 | **On-Site Lab in Gainesville**  **MONDAY and TUESDAY**  **HPNP NRC**  **MONDAY 730am-430pm**  **Professional behavior, case presentation skills,**  **refinement of otoscopy and EENT skills, case presentations by students**  **TUESDAY 730am-430pm**  **Wound care and closure, abscess management, foreign body management, fluorescein dye use, umbilical cauterization, cerumen removal, splinting, rapid diagnostic tests, reduction of nursemaid’s elbow, wart removal.**  We will break 1130-1230 each day for lunch on your own.  **No food is allowed in the NRC.**  **Drinks must have spill-proof tops.** | **Students will come prepared by reviewing the skills listed.**  **Students will also bring 1 clinical case they have seen in this semester’s clinical practice and be prepared to present the patient age and gender, CC, HOPI, ROS, PFSH, PE, assessment, and plan of care, with rationale for the plan selected. This should be a child with a moderately complex health problem. A simple strep throat, otitis, or URI would be considered too simple for clinical seminar.** |  |
| 10-22-18 | Child abuse overview | **Web Based Tutorial: Child Abuse**  **2nd of 4 Clinical Case Studies Due** | Bruney |
| 10-29-18 | Beginning X-ray interpretation  **First of 3 live, synchronous, on-line seminars 2-6 pm** | **Web-based Tutorials: X-ray Interpretation**  **Big Blue Button Canvas Course Website**  **“Conferences” for live, on-line clinical seminar** | Bruney |
| 11-5-18 | Sexually transmitted infection screening, diagnosis, and treatment | **Web-based Tutorials: Sexually Transmitted Infections**  **3rd of 4 Clinical Case Studies Due** | Bruney |
| 11-12-18 | Management of Oral Health | **Web-based Tutorial: Pediatric Oral Healthcare**  **Lab : Submission of 5 completed/scored Denver Screenings [3 infant, 2 toddler], 2 M-CHATs, and 2 Pediatric Symptom Checklists**  **Scan and submit under “Assignments”**  **on the course Canvas site** | Bruney |
| 11-19-18 | **Exam 2**  **11-19-18 6am through**  **11-21-18 11:59pm**  **Live, synchronous, on-line seminar**  **2-6 pm** | **Proctor U for Exam 2**  **Big Blue Button Canvas Course Website**  **“Conferences” for live, on-line clinical seminar** | Bruney |
| 11-26-18 |  | Course and Instructor Evaluations Done?  **4th of 4 Clinical Case Studies Due** | Bruney |
| 12-3-18 | **Last live, synchronous, on-line seminar 2-6 pm** | **Big Blue Button Canvas Course Website**  **“Conferences” for live, on-line clinical seminar** |  |

WEBSITES

Virtual Pediatric Hospital <http://www.virtualpediatrichospital.org/>

Pediatric Heart Sounds: <http://www.rain.org/~landon/Heartweb/>

Pediatric Heart Murmurs When to refer: <http://www.aafp.org/afp/990800ap/558.html>

Approved: Academic Affairs Committee: 05/08

Faculty: 06/08

UF Curriculum: 10/08