UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE Syllabus

FALL 2016

COURSE NUMBER NGR 6372C Section 2E11

COURSE TITLE Advanced Pediatric Procedures and Diagnostics

CREDITS 03 (2 credits didactic, 1 credit laboratory or 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 2217 M/T 7-8 am by apt.

Clinical Assistant Professor M-F 8-5 Cell – texts only 352-316-4229

Department of Family, Community, and

Health Systems Science .

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

This course will consist of on-line tutorials, on-line didactic material, synchronous on-line seminars, and one 8 hour face-to-face lab in Gainesville in the NRC on Thursday 9-1-16 8am-430pm. Attendance is required at this all day lab. Notice of this meeting was emailed to students the week of July 25th.

Differential diagnostic reasoning seminars will be held select Monday evenings from 6-10pm through Adobe Connect beginning 10-17-16. 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] attendance is required for the four seminars.

The first synchronous, required, on-line meeting is for our first clinical seminar, Monday 10-17-16, from 6-10pm, via Adobe Connect. The URL to join the meeting is <https://ufcon.adobeconnect.com/bruney_ngr_6372c/> . Sign in with your GatorLinkID and PW. Text me at 352-316-4229 if you experience connection problems, and identify yourself as a student in NGR 6372.

Exams will be administered through Proctor U.

*ProctorU* Information for Graduate Online Courses:

The College of Nursing utilizes ***ProctorU,*** a live proctoring service, for major examinations in graduate web-based online courses to ensure a secure testing environment.  See Canvas site for more information on Proctor U and how to create an account.

* Each student computer must be in compliance with Policy S1.04, *Student Computer Policy* and must contain a web cam, microphone, and speakers.
* 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.
  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.

# EVALUATION METHODS AND COURSE GRADE CALCULATION

Written Assignments 40%

Exam 1 30%

Exam 2 30%

Total 100%

Clinical experiences S/U total 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 select Monday evenings and will contribute 16 hours of clinical time to NGR 6372C. One mandatory on-site lab in Gainesville will contribute 8 hours of clinical experience.

Written assignments include four case studies, documenting the care provided to an acutely ill child, and will be graded. The case studies will contribute 40% to the course grade and constitute 8 hours of lab time time to NGR 6372C. Each case study must receive a minimum grade of 80% in order to pass the course.

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 arranged with faculty 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 <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

Accommodations due to Disability

Religious Holidays

Counseling and Mental Health Services

Student Handbook

Faculty Evaluations

Student Use of Social Media

REQUIRED TEXTS:

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

WEEKLY CLASS SCHEDULE

|  |  |  |  |
| --- | --- | --- | --- |
| DATE | **TOPIC/EVALUATION** | **ASSIGNMENTS/READINGS** | FACULTY |
| 9-1-16  8am-4pm | Introduction to the Course  **On-Site Lab in Gainesville - THURSDAY**  **8-830am Introduction to the course**  **830-1130am NRC**  **Refinement of Otoscopy and EENT Skills**  **1230-430 pm NRC**  **Wound Closure, Abscess management, and Splinting**  We will also finalize the scheduling for our diagnostic reasoning and EBP seminars. These will consist of 4 seminars via Adobe Connect, each 4 hours in length. These will be on Monday evenings | **Web-based Tutorials: Wound Management**  **Please review these prior to lab today** | Bruney |
| 9-5-16 | Pediatric EKG Interpretation | **Web-based Tutorials: Pediatric EKG** | Bruney |
| 9-12-16 | Common Lab Studies and Diagnostic Tests in Pediatrics | **Web-based Tutorials: Diagnostic Testing** | Bruney |
| 9-19-16 | Pediatric Nutrition and Assessment of Nutritional Adequacy | **Web-based Tutorials: Nutritional Assessment** | Bruney |
| 9-26-16 | no tutorials or seminars this week. | **1st of 4 Clinical Case Studies Due** | Bruney |
| 10-3-16 | Newborns: Assessment and management of healthy newborns | **Web-based Tutorial: Newborn Care** | Bruney |
| 10-10-16 | **EXAM 1**  6am-11:59pm | Proctor U |  |
| 10-17-16 | Supporting the breastfeeding patient and family **First of 4 live, synchronous, on-line seminars 6-10pm** | **Web-based tutorial: Breastfeeding**  **2nd of 4 Clinical Case Studies Due**  We will meet today via Adobe Connect at 6 pm. Here is the Adobe Connect link we will use for all live,  on-line seminars:  <https://ufcon.adobeconnect.com/bruney_ngr_6372c/> Sign in with your GatorLinkID and PW | Bruney |
| 10-24-16 | Child abuse overview | **3rd of 4 Clinical Case Studies Due**  **Web Based Tutorial: Child Abuse** | Bruney |
| 10-31-16 | Beginning X-ray interpretation **Second of 4 live, synchronous, on-line seminars 6-10pm** | **Web-based Tutorials: X-ray Interpretation** | Bruney |
| 11-7-16 | Sexually transmitted infection screening, diagnosis, and treatment  **Third of 4 live, synchronous, on-line seminars 6-10pm** | **Web-based Tutorials: Sexually Transmitted Infections**  **4th of 4 Clinical Case Studies Due** | Bruney |
| 11-14-16 | 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 |
| 11-21-16 | **Exam 2**  6am-11:59pm  **Fourth of 4 live, synchronous, on-line seminars 6-10pm** | **ProctorU** | Bruney |
| 11-28-16 |  | Course and Instructor Evaluations Done? | Bruney |

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