UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

SPRING/2015

COURSE NUMBER NGR 6301

COURSE TITLE Advanced Child Health Nursing I

CREDITS 3

# PLACEMENT DNP Program: Pediatric Nurse Practitioner Track

PREREQUISITES NGR 6002C: Advanced Health Assessment and Diagnostic Reasoning

NGR 6636: Health Promotion and Role Development in

Advanced Practice Nursing

NGR 6140: Physiology and Pathophysiology for Advanced Nursing Practice

NGR 6101 Theory and Research for Nursing

PRE/CO-REQUISITES NGR 6172: Pharmacotherapeutics for Advanced Practice Nursing

NGR 6372C: Advanced Pediatric Procedures and Diagnostics

NGR 6301L: Advanced Child Health Nursing Clinical I

# FACULTY Phone Office Office Hours

Teresa Bruney, DNP, ARNP, PNP-BC 352-273-6420 HPNP 2203 M 7-8 am

Clinical Assistant Professor T 730-830 am Web

Department of Women’s,

Children’s and Family Nursing

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COURSE DESCRIPTION This course provides the student with in-depth knowledge of the management of child health care, including wellness promotion, illness prevention, and treatment of common health problems in children from newborns through young adulthood. Focus is on children within a family system, including sensitivity to the health beliefs of families and inclusion of families in the assessment, planning, and evaluation of health care.

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

1. Synthesize theory and research findings from nursing and other disciplines to plan wellness promotion and illness prevention strategies for children and their families in various stages of development.
2. Analyze normal versus abnormal development for children from newborn through young adulthood.
3. Hypothesize appropriate diagnoses and differential diagnoses based on history, presenting symptoms, physical examination, and diagnostic testing for children with selected common health problems.
4. Hypothesize appropriate diagnostic and therapeutic interventions and evaluation plans based on research and evidence-based practice guidelines with emphasis on safety, cost, efficacy, developmental age and family/cultural considerations for children with health risks and/or common health care problems.
5. Synthesize knowledge, theory and research findings, including learning theory, to develop plans to promote effective parenting skills for children at various stages of development.
6. Evaluate interdisciplinary and collaborative community relationships and resources in providing comprehensive health care for children.
7. Apply legal and ethical issues related to the delivery of primary health care to children by pediatric nurse practitioners

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 <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).

Class will meet weekly live on the web via Adobe Connect Mondays 9am-12pm. Lectures will be recorded and available for viewing via the course E-Learning in Canvas website within 24 hours of presentation. Live attendance is not required other than for the first face to face class 1-6-14, 8am-noon in the NRC.

For those students who prefer a live lecture, this course will be offered live through the web via Adobe Connect, Mondays 9am-12pm. To join the meeting:

http://ufcon.adobeconnect.com/bruneypedsclass/

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If you have never attended an Adobe Connect meeting before:

Test your connection: http://ufcon.adobeconnect.com/common/help/en/support/meeting\_test.htm

Get a quick overview: http://www.adobe.com/products/adobeconnect.html

This course will use one of UF’s web hosted collaborative software applications (Adobe

Connect) for lecture presentation, and will record your written text comments.  If you do not want to be recorded please notify assigned faculty member prior to the first class.  You will not need to provide a photo or use the video comment option.  The recordings will be accessed through web links provided by your faculty member and should not be shared with anyone not enrolled in the course. The recordings are available to the class during the semester.  The recordings will not be used in another course.

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. General developmental approach of the family unit and child health needs related to management of newborns through adolescence.
  2. Systematic approach to well child care and common health problems of children. Each of the following will be considered throughout the course:
     1. Symptom cluster presentation
     2. Objective findings: physical exam, history, diagnostic testing
     3. Diagnosis/differential diagnoses
     4. Therapeutic plan
     5. Evaluation of treatment results (efficacy)
     6. Use of interdisciplinary collaboration and referral
     7. Ethical principles
     8. Legal requirements
     9. Health disparities
     10. Genomics
  3. Systems approach to common health problems in children
     + 1. General health
       2. HEENT
       3. Common Upper and Lower Respiratory Tract Infections
       4. Domestic violence and child abuse
       5. Developmental and behavioral disorders in children
       6. Obesity
  4. Dermatologic disorders in children

TEACHING METHODS

Lecture, audiovisual materials, written materials, and presentation of case studies.

LEARNING ACTIVITIES

Online and class participation, written and verbal presentations on assigned topics, analysis of case studies, group discussion, text readings and review of publications.

EVALUATION METHODS/COURSE GRADE CALCULATION

Students are expected to attend live via the web or electronically access all classes as scheduled (viewing the recorded lecture).

Students are required to read pertinent literature prior to class weekly, and will submit documentation to the instructor weekly.

Literature analysis will consist of critical appraisal of selected current pediatric literature and CPGs, and will be graded. This will be detailed during the first class meeting.

Participate in one on-line class presentation with classmates regarding cultural differences in child health or complementary healthcare practices in child health. Details of these assignments will be discussed during the first class meeting.

5 Heath Histories will be assigned, documenting the well child care provided to a child in each developmental stage: infancy, toddlerhood, preschool, school-age, and adolescent, and will be graded. A score of 85% on each Health History is required to receive a passing grade. Requirements for the Health Histories will be detailed during the first class meeting.

3 progress exams will be given, each contributing 15% to the final course grade. The final exam will contribute 25% to the final course grade, and will be cumulative.

# COURSE GRADE CALCULATION

Exam 1 15% CPG and Literature Analysis 5%

Exam 2 15% 5 Health Histories 15%

Exam 3 15% Weekly Literature Readings 5%

Final Exam 25% On-line presentation (1) 5%

All areas under “Course Grade Calculation” are required. No partial credit will be given. All work in a given category is required to achieve a grade in that category.

MAKE UP POLICY

If a student misses an exam during the semester, there will be no make-up exam. The grade earned on the final exam will be the grade given for the missed exam.

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>

REQUIRED TEXTBOOKS

Johns Hopkins Hospital (2015), *The Harriet Lane Handbook 20th Edition*, ISBN 978-0-323-09644-7

American Academy of Pediatrics (2015), *Red Book On-Line*, <http://redbook.solutions.aap.org/Redbook.aspx>

American Academy of Pediatrics(2008*), Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents*, *Third Edition*, available as a hard copy or as downloadable pdfs from <http://brightfutures.aap.org/3rd_Edition_Guidelines_and_Pocket_Guide.html>

Zitelli, McIntyre, and Nowalk (2012), *Zitelli and Davis' Atlas of Pediatric Physical Diagnosis, 6th Edition*, ISBN 978-0-323-07932-7 with on-line access.

RECOMMENDED TEXTBOOK

Color dermatology atlas, especially if specific to pediatrics, such as *Hurwitz Clinical Pediatric Dermatology* by Paller, Mancini, and Hurwitz, ISBN 9781437704129*.*

WEEKLY CLASS SCHEDULE

|  |  |  |  |
| --- | --- | --- | --- |
| DATE | TOPIC/EVALUATION | ASSIGNMENTS/READING | FACULTY |
| 1-6-15  8am-noon | Introduction to the Course  Introduction to Evidence-Based Practice: Searching the Literature  Clinical Management of Selected Primary Care Urgent and Emergent Conditions | There are reading assignments from the  current literature every week, beginning with  the week of 1-12-15.  These specific reading assignments will be  detailed in a course handout to be made available to each student registered for the course by the  first day of class.  Class notes will be e-mailed to students before each class. Students are expected to read and have these notes available for each class. Keep your ufl.edu e-mail account maintained and your in-box tidy to be able to receive weekly class notes.  For the first class, read 1 current literature articlere each of the following: fever, urinary tract infection, head injury, pain management, poisonings, accidental and intentional injuries, injury prevention, motor vehicle safety, burn treatment, fever, and fever without localizing signs, as well as the following literature:  Biondi, et al (2013) Fever and Bacteremia, Peds in Review, 34(3); Byington, et al (2012) Costs and infant outcomes after implementation of a care process model for febrile infants. Pediatrics;130(1); Biagioli 2005 Child safety seat counseling: Three keys to safety *AmerFamPhys* 72(3) 473-478).  2 AAP Guidelines/Proposed Guidelines on mngmt of minor closed head injury in children < 2 yrs of age and children >2yrs of age (*Pediatrics* 1999 104(6) 1407-1415 and *Pediatrics* 2001 107(5) 983-993).  Oman, et al (2006). Performance of a decision rule to predict need for CT among children with blunt head trauma. *Pediatrics* 117, e238-246. | Bruney |
| 1-12-15 | Common Respiratory Problems of Childhood Part 1 | Readings: Zitelli; Red Book, current literature | Bruney |
| 1-19-15 | **MLK Holiday** |  |  |
| 1-26-15 | Common Respiratory Problems of Childhood Part 2 | **Analysis of Bronchiolitis CPG Due**  Readings: Zitelli; Red Book, current literature | Bruney |
| 1-30-15 | **EXAM 1 - FRIDAY**  **8-1130am**  **Sign up for one 2 hour window during this time period** | **Proctor U** |  |
| 2-2-15 | Community Resources and Roles of Other Child Health Providers  Teaching and Counseling Children and Parents in Primary Care  Immunizations | **Analysis of Sinusitis CPG Due**  Red Book; Bright Futures | Bruney |
| 2-9-15 | Breastfeeding Basics  Infant/Toddler Nutrition Overview | Bright Futures and selected literature | Bruney |
| 2-16-15 | Autism Spectrum Disorders  Brief Overview of Behavioral Disorders | Selected literature | Bruney |
| 2-23-15 | Management of Infant Health | **Have Bright Futures for Class**  **Analysis of Hyperbilirubinemia CPG Due**  Readings: Bright Futures; selected literature | Bruney |
| 2-27-15 | **EXAM 2 - FRIDAY**  **8-1130 am**  **Sign up for one 1.5 hour window during this time period** | **Proctor U** |  |
| 3-2-15 | SPRING BREAK |  |  |
| 3-9-15 | Management of Toddler Health | **Infant Health History Due**  **Have Bright Futures for Class**  Readings: Bright Futures; selected literature | Bruney |
| 3-16-15 | Management of Preschool Age Health  Management of School Age Health | **Toddler Health History Due**  **Have Bright Futures for Class**  Readings: Bright Futures; selected literature | Bruney |
| 3-23-15 | Management of Adolescent Health | **Have Bright Futures for Class**  Readings: Bright Futures; selected literature | Bruney |
| 3-27-15 | **EXAM 3 - FRIDAY**  **8-1130am**  **Sign up for one 1.5 hour window during this time period** | **Proctor U** |  |
| 3-30-15 | Nutrition and Obesity  In Children and Adolescents | Readings: Current Literature as Assigned | Bruney |
| 4-6-15 | Dermatologic Disorders in Primary Care  Dermatologic Manifestations in  Infectious Disease | **Preschool Health History Due**  Readings: selected literature  **On-Line Presentation CAM URI, OM** | Bruney |
| 4-13-15 | Dermatologic Manifestations in  Infectious Disease continued  Asthma and Allergy Update | **School Age Health History Due**  Readings: Zitelli; Red Book; selected literature  **On-Line Presentation Cultural Differences RI Tx**  Current Literature and CPGs  Also search the American Academy of Allergy, Asthma & Immunology (AAAAI) website for current guidelines   |  | | --- | | www.aaaai.org | | Bruney |
| 4-20-15 | Ethics in Pediatric Primary Care  And Exam Review | **Adolescent Health History Due**  Burns and current literature | Bruney |
| 4-27-15 | **FINAL EXAM - MONDAY**  **8-1130am**  **Sign up for one 2 hour window during this time period** | **Proctor U** |  |

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