UNIVERSITY OF FLORIDA

COLLEGE OF NURSING

COURSE SYLLABUS

Spring 2014

# COURSE NUMBER NGR 6301 Section 2801

# COURSE TITLE Advanced Child Health Nursing I

# CREDITS 03

# PLACEMENT DNP Program: Pediatric Primary and Acute Care 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 2217 M 7-8 am

Clinical Assistant Professor T 730-830 am Web

Department of Women’s,

Children’s and Family Nursing

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

# DEPARTMENT CHAIR

|  |  |  |  |
| --- | --- | --- | --- |
| Susan D. Schaffer PhD, ARNP, FNP-BC  [sdschaf@.ufl.edu](mailto:sdschaf@.ufl.edu) | (352) 273-6366 office | HPNP 2229 | By appointment |

# JACKSONVILLE CAMPUS DIRECTOR

# Andrea Gregg, PhD, RN

# [greggac@ufl.edu](mailto:greggac@ufl.edu) 904-244-5172 By Appointment

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: Live on the web via Adobe Connect Mondays 9am-12pm. Lectures will be recorded and available for viewing via the course Sakai website within 24 hours of presentation.

E-Learning in Sakai is the course management system that you will use for this course. E-Learning in Sakai 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.

ATTENDANCE: Students are expected to be present for or electronically access all scheduled classes, other learning experiences, and examinations. This course will be offered live through the web via Adobe Connect. 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

Recordings of course lectures will be available through the course Sakai site. Students may be expected to attend on-campus or synchronous classes periodically. Students are expected to participate in the activities and discussions as listed in the course syllabus and on the course web-site. Timeframes for the posting and receiving of materials are listed in the course materials on the course web-site. A grade penalty may be assigned for late assignments, including tests. Students are responsible for responding to online assignments as part of their attendance.

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

Connect and or Voice Thread) for lecture presentation and or assignments.  These collaborative applications have the functionality of recording your text, audio and or video comments.   If you do not want to be recorded please notify assigned faculty member prior to the first class.  You do not need to provide a photo or use the video comment option, this is your choice.  The recordings are accessed through web links provided by your faculty member and should not be share 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.

The College of Nursing will utilize ***ProctorU,*** a live proctoring service, for major examinations in graduate web-based online courses to ensure a secure testing environment.   Students must sign in to *ProctorU* at least 30 minutes prior to the scheduled time for each exam in order to authenticate their identity and connect with the live proctor. Students authenticate their identity and are remotely monitored by a trained employee of *ProctorU*.

***ProctorU*** Information for Graduate Online Courses ONLY:

* 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 cost $22.50 per hour per exam.
* 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.
* There will be no make-ups for missed quizzes and exams. If a student misses an exam, the score on the final exam will be the score for the final exam and the missed exam.

ACCOMMODATIONS DUE TO DISABILITY: Each semester, students are responsible for requesting a memorandum from the Disability Resource Center (<http://www.dso.ufl.edu/index.php/drc/>) to notify faculty of their requested individual accommodations. This should be done at the start of the semester.

STUDENT HANDBOOK: S Students are to refer to the College of Nursing Student Handbook for information about College of Nursing policies, honor code, and professional behavior. <http://nursing.ufl.edu/students/student-policies-and-handbooks/>

COUNSELING AND STUDENT HEALTH

Students may occasionally have personal issues that arise on the course of pursuing higher education or that may interfere with their academic performance. If you find yourself facing problems affecting your coursework, you are encouraged to talk with an instructor and to seek confidential assistance at the University of Florida Counseling Center, 352-392-1575, or Student Mental Health Services, 352-392-1171. Visit their web sites for more information: <http://www.counsel.ufl.edu/> or <http://www.health.ufl.edu/shcc/smhs/index.htm#urgent>

ACADEMIC HONESTY

The University of Florida Student Conduct and Honor Code may be found at http://www.dso.ufl.edu/index.php/sccr/process/student-conduct-honor-code/

# 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

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.

# TEACHING METHODS:

Lectures, discussion, case presentations.

# EVALUATION

Students are expected to attend live via the web or electronically access all classes as scheduled. When unable to attend synchronously, viewing the recorded lecture is an acceptable alternative.

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.

# EVALUATION

Student presentations, examinations, documentation of current literature readings, and written assignments.

Make Up Policy

There will be no make-up exams scheduled for missed exams. If a student misses an exam, the average of the remaining exam scores will be recorded as the score for the missed exam.

A grade penalty will be assigned for late assignments unless extenuating circumstances are reported to instructor before the due date.

Requirements for class attendance and make-up exams, assignments, and other work are

consistent with university policies that can be found at:

<http://gradcatalog.ufl.edu/content.php?catoid=5&navoid=1054#attendance>

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 University’s grading policies: http://gradcatalog.ufl.edu/content.php?catoid=4&navoid=907#grades

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>

FACULTY EVALUATION

Students are expected to provide feedback on the quality of instruction in this course based on ten criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu>.

REQUIRED TEXTS

Arcara & Tschudy, eds. (2012). *The Johns Hopkins Hospital Harriet Lane handbook*, Nineteenth Edition. St. Louis: Mosby. ISBN: 978-0-323-07942-6

Burns, Dunn, Brady, Starr, and Blosser (2012). *Pediatric Primary Care 5th ed*, Saunders. ISBN-10: 0323080243 ISBN-13: 978-0323080248]

Engel, J. (2006). *Pocket guide to pediatric assessment 5th Ed*. St. Louis: Mosby. **ISBN**: 978-0-323-04412-7

Fitzpatrick, T. B., et al. (2009). *Color atlas and synopsis of clinical dermatology and serious diseases, 6th Ed.* New York: McGraw-Hill ISBN-10: 0071599754 | ISBN-13: 978-0071599757 (or similar Color Atlas of Dermatology - Hurwitz is excellent and pediatric specific with on-line access)

Hagan, Shaw, & Duncan, eds. (2008). *Bright futures: Guidelines for health supervision of infants, children, and adolescents, 3rd Ed.*  American Academy of Pediatrics. ISBN 13: 978-1-58110-223-9

Redbook Online. <http://aapredbook.aappublications.org/>

Zitelli, B., and Davis, H. (2012). *Atlas of Pediatric Physical Diagnosis with On-Line Access*, *6th Edition*.

St. Louis: Mosby. ISBN 978-0-323-07932-7

All previously required texts

WEEKLY CLASS SCHEDULE

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| --- | --- | --- | --- |
| DATE | TOPIC/EVALUATION | ASSIGNMENTS/READING | FACULTY |
| 1-6-14 | 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 1-13-14.  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 bring these notes to 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 *Burns* re 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:  Ishimine 2006 Fever W/O source in children 0-36 months of age *PedClinNAmer* 53,167-194.  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 |
| 1-13-14 | Common Respiratory Problems of Childhood Part 1 | Readings: Burns; Zitelli; Red Book | Bruney |
| 1-20-14 | **MLK Holiday** |  |  |
| 1-27-14 | Common Respiratory Problems of Childhood Part 2 | **Analysis of Bronchiolitis CPG Due**  Readings: Burns; Zitelli; Red Book | Bruney |
| 1-31-14 | **EXAM 1 - FRIDAY**  **8-1130am**  **Sign up for one 2 hour window during this time period** | **Proctor U** |  |
| 2-3-14 | Community Resources and Roles of Other Child Health Providers  Teaching and Counseling Children and Parents in Primary Care  Immunizations | **Analysis of Sinusitis CPG Due**  Burns; Red Book; Bright Futures | Bruney |
| 2-10-14 | Breastfeeding Basics  Infant/Toddler Nutrition Overview | Bright Futures and selected literature | Bruney |
| 2-17-14 | Autism Spectrum Disorders  Brief Overview of Behavioral Disorders | Burns and selected literature | Bruney |
| 2-24-14 | Management of Infant Health | **Have Bright Futures for Class**  **Infant Health History Due**  **Analysis of Hyperbilirubinemia CPG Due**  Readings: Bright Futures; Burns; Engel | Bruney |
| 2-28-14 | **EXAM 2 - FRIDAY**  **8-1130 am**  **Sign up for one 1.5 hour window during this time period** | **Proctor U** |  |
| 3-3-14 | SPRING BREAK |  |  |
| 3-10-14 | Management of Toddler Health | **Toddler Health History Due**  **Have Bright Futures for Class**  Readings: Bright Futures; Burns; Engel | Bruney |
| 3-17-14 | Management of Preschool Age Health  Management of School Age Health | **Preschool Health History Due**  **Have Bright Futures for Class**  Readings: Bright Futures; Burns; Engel | Bruney |
| 3-24-14 | Management of Adolescent Health | **School Age Health History Due**  **Have Bright Futures for Class**  Readings: Bright Futures; Burns; Engel | Bruney |
| 3-28-14 | **EXAM 3 - FRIDAY**  **8-1130am**  **Sign up for one 1.5 hour window during this time period** | **Proctor U** |  |
| 3-31-14 | Nutrition and Obesity  In Children and Adolescents | **Adolescent Health History Due**  Readings: Current Literature as Assigned | Bruney |
| 4-7-14 | Dermatologic Disorders in Primary Care  Dermatologic Manifestations in  Infectious Disease | Readings: Fitzpatrick; Engel; Burns  **On-Line Presentation CAM URI, OM** | Bruney |
| 4-14-14 | Dermatologic Manifestations in  Infectious Disease continued  Asthma and Allergy Update | Readings: Burns; Zitelli; Red Book  **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 |
| 4-21-14 | Ethics in Pediatric Primary Care  And Exam Review | Burns and current literature | Bruney |
| 4-28-14 | **FINAL EXAM - MONDAY**  **8-1130am**  **Sign up for one 2 hour window during this time period** | **Proctor U** |  |

WEBSITES

American Academy of Pediatrics. <http://www.aap.org/>

American College of Obstetrics and Gynecology. <http://www.acog.org/>

Morbidity and Mortality Weekly Report. <http://www.cdc.gov/mmwr/>

Safe Kids. <http://www.usa.safekids.org/>

US Centers for Disease Control. <http://www.cdc.gov/>

Approved: Academic Affairs Committee: 05/08

Faculty: 06/08

UF Curriculum: 10/08