I. INTRODUCTION

A. Course Description: Study of the concepts related to the provision of nursing care for childbearing and childrearing families; application of systematic problem-solving processes and critical thinking skills, including a focus on the childbearing family during the perinatal periods and the childbearing family from birth to adolescence; and competency in knowledge, judgment, skill, and professional values within a legal/ethical framework. Cultural, ethnic, and socially diverse concepts will be presented and may also include experiences from regional, national or global perspectives. The concepts of communication, caring, community, and clinical reasoning will be included throughout the course. This course lends itself to a blocked approach.

B. This is a required course in the ADN curriculum.

C. This course is occupationally related and serves as preparation for careers in Nursing (Associate Degree Nursing).

D. Prerequisites:
   1. RNSG 2213, Mental Health Nursing
   3. RNSG 1331, Principles of Clinical Decision Making
   4. RNSG 1363, Clinical-Nursing II
   5. PSYC 2301, General Psychology
   6. RNSG 1229, Integrated Nursing Skills II (articulating students only)

E. Co-requisites:
   1. PSYC 2314, Lifespan Development

F. Secretary’s Commission on Achieving Necessary Skills (SCANS) and Differentiated Essential Competencies (DEC):

   Alphanumeric coding used throughout the syllabus denotes the integration of SCANS occupational competencies (C) and foundation skills (F). The DEC competencies that are implemented in RNSG 1412 are also alphanumeric coded as: Member of a Profession (MOP); Provider of Patient Centered Care (PPCC); Patient Safety Advocate (PSA); Member of the Health Care Team (MHCT).

II. END OF COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

A. Examine the roles of the professional nurse in the perinatal and pediatric settings. (C7, 12, 15; F11, 13, 16) (MOP-1, 3; MHCT-1)
B. Utilize a systematic problem-solving approach and critical thinking skills when providing nursing care for the childbearing and childrearing family. (C 5, 7, 14, 15; F 7, 8, 9, 10, 11, 12) (PPCC-1, 3)

C. Acknowledge and demonstrate patient quality and safety as it relates to all practices of patient care. (C 1-12, 14-20: F 1 & 2, 4-17) (MOP-2, 4; PPCC-4, 5; PSA-1, 2, 5; MHCT-2)

D. Identify changes which may be experienced by the childbearing and childrearing families and the family's response to the changes. (C 5, 7; F 9, 12) (PPCC-A, B, C; MHCT-A)

E. Identify changes which may be experienced by the ill child and the family's response. (C 5, 7; F 9, 12) (PPCC-C; MHCT-A)

F. Utilize evidence-based practice, critical thinking skills (clinical reasoning) and a systematic problem-solving process as a framework for providing care for the cultural, religious, ethnic, and socially diverse childbearing and childrearing family within the regional, national, and global community. (C 5, 7, 14, 15; F 7, 8, 9, 10, 11, 12) (PPCC-A, B, C, F, G, H; PSA-C; MHCT-C)

G. Relate and demonstrate awareness of legal and ethical issues in the provision of care for the childbearing and childrearing family. (C 15; F 5, 12, 17) (PPCC-E; PSA-E; MHCT-C)

H. Apply therapeutic communication to maintain effective interpersonal relationships with the childbearing and childrearing the family. (C 7, 14; F 5, 6, 15) (PPCC-B, G, H; MHCT-C, D, E)

I. Demonstrate behaviors that are congruent with the ANA Code of Ethics, Scope and Standards of Practice, and Social Policy Statements in all class related interactions. (C9, 11, 14, 15; F15, 16, 17) (MOP A3; PPCC B2, B5; MHCT D4).

III. INSTRUCTIONAL MATERIALS

A. Instructional Materials
   1. Information about required materials for this course can be accessed through www.ctcd.edu/books
   2. Course materials can be found on Blackboard.
   3. Non-scientific calculator (for written exams)
   4. Mechanical Pencil (for written exams)

B. Computer Accessibility
   Accessibility to computer hardware and software that will support the completion of assignments on the internet, DVD, CD, or other electronic delivery is required. All Associate Degree Nursing courses (RNSG and HPRS), whether traditional, blended, or online utilize Blackboard Learning Management System tools for communication and course requirements. Other online components, such as publisher online resources, online activities, or database searches may also be required. It is expected that students enrolled in RNSG or HPRS courses have access to a computer with minimum technical requirements, have a consistent and reliable Internet connection, possess basic computer skills, and have the ability to
download and install applications or plug-ins. Online components/requirements may be completed in a CTC computer lab or on a home computer. Students are recommended to familiarize themselves with the locations and available hours of CTC computer labs in the event that home computers or Internet access are unavailable or unreliable. No extensions or alternate due dates for assignments or exams will be granted due to computer or Internet difficulties.

C. **Supplementary Reading:**
Selected web sites:
- American Academy of Pediatrics
- Association of Women’s Health, Obstetric, and Neonatal Nurses
- American Cancer Society
- Centers for Disease Control
- Nurse.com Continuing Education
- American Diabetes Association
- National Institutes of Health
- Medline Plus
- Lippincott Nursing Center
- Pediatrics in Review
- World Health Organization

D. **Supplementary Materials:** Various electronic media systems, computer software, web sites, experiential group exercises, and simulated situations as suggested by the faculty to enhance clinical practice in nursing are used.

E. **References:** Current professional nursing journal article readings are used to supplement dated textbook information.

F. **Library Resources:** It is expected that all students will have a working knowledge of the Oveta Culp Hobby Memorial Library and off-site access to library resources.

G. Current practice guidelines set forth by Occupational Safety & Health Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH) related to safe patient handling and ergonomics will be implemented.

H. Six areas of core competencies, as delineated by the Quality and Safety Education for Nurses (QSEN) project, will be taught and evaluated in relation to the course objectives and content for RNSG 1412. The QSEN project’s goal is to meet the challenge of preparing future nurses to have the knowledge, skills and attitudes (KSAs) necessary to continuously improve the quality and safety within the healthcare systems in which they work. The six core competencies are Patient-Centered care, Teamwork and Collaboration, Evidence-Based Practice, Quality Improvement, Safety, and Informatics.
IV. COURSE REQUIREMENTS

A. Reading Assignments: In preparation for all classes, it is expected that the student first read the lecture objectives and then the assigned required reading. Reading assignments can be found on the RNSG 1412 Daily Plan and on Blackboard. It is essential the student have a working knowledge base of anatomy and physiology and growth and development. Periodically, written homework and announced/unannounced quizzes from the assigned readings may be required for the class participation grade.

B. Projects, Oral Reports, Case Studies, Book Reports, Research Papers: The “Course & Testing Policy” fully explains the grading policy, exam dates and times, time limitations, review, challenge policy, and counseling. Please refer to last page of this syllabus.

Submitting Written Assignments: All written assignments are to be completed independently unless instructed otherwise. All assigned written work must be submitted at the designated time. Late papers will receive a grade of zero.

Project/Oral Presentations: Course requirements may include a class presentation and/or independent web-based projects. Assignments must be completed by the designated class day/time; no make-ups will be allowed.

HESI Testing: Health Educations Systems Inc., (HESI) testing must be completed by the assigned due date. Failure to successfully complete all assigned exam(s) will result in an “Incomplete” (IP) grade for the course. The student will complete the required proctored Evolve Reach Specialty (HESI) exam for each designated RNSG course as scheduled by the faculty. The student must successfully complete the required HESI exam(s) for each semester at or above the HESI National Average Score on the scheduled date. Students who do not score at or above the HESI National Average Score will be required to complete remediation. Failure to complete remediation requirements will result in an incomplete (IP) for the course.

An Evolve Reach Specialty Exam will be scheduled in Semesters 1, 2, and 3 during these courses: RNSG 1413, RNSG 1229, RNSG 1331, RNSG 1347, and RNSG 2213. These exams will count toward the course participation grade.

If the composite score of the Evolve Reach Specialty Exam is less than the HESI National Average Score, a required counseling session with the course faculty will be held.

Statistical data generated according to student responses will be available through the Evolve website for each student for the purpose of self-directed remediation in identified areas that do not meet the HESI National Average Score.

HESI Testing in Semester 4: The RN Exit exam will be given during semester four in RNSG 2331. The exam will be administered and completed on the scheduled dates. Two attempts will be required for completion of the RN Exit exams. The RN Exit exams provide a conversion score, which is a weighted percentage score. The highest conversion score attained will be used as the student’s final exam grade.
All HESI RN Exit Exams (two) are mandatory for all fourth semester students. All students are required to complete 10 hours of self-remediation PRIOR to taking the RN Exit 2 exam. Any student not passing the RN Exit I exam with a recommended score of 850 must attend a counseling session with a faculty facilitator and remediation must be documented. Counseling and remediation is mandatory, failure to take both exit exams or complete required remediation will result in course incomplete (IP). The final grade will not be configured until meeting the above requirements.

Any student repeating a course will be required to re-take the HESI exam associated with that course even if the student passed the HESI exam the first time.

Students with documented disability may request accommodations for these standardized exams. The students must contact the faculty at the start of each semester to activate and adopt approved accommodations.

** Minimally **10 hours of remediation is required** to sit for the second RN EXIT exam. Evidence Based Research indicates that there is a positive correlation regarding remediation and positive HESI scores.

C. **Class Performance:**
1. Attendance Policy: RNSG 1412 adheres to the departmental attendance policy published in the Department of Nursing and Allied Health Student Handbook. Also, refer to the college catalog “Class Attendance and Course Progress”. Classroom absence may negatively impact the student’s performance on examinations and will negatively impact the class participation grade (see VI. Semester Grade Computations).
   a. Classroom: If absences occur from the classroom, it is the student’s responsibility to obtain missed work from his/her peers.
   b. Attendance at Examinations: Written/computer examinations will be given on dates noted on the daily plan. (See V. Examinations for policy)
2. The faculty reserves the right to adjust the student’s classroom grade based upon classroom performance/behavior/civility.
3. You may not audiotape a lecture without the faculty’s/presenter’s permission. No taping of copyrighted material will be allowed.
4. Beepers and cellular phones must be turned off in the classroom, lab, and clinical areas. Failure to comply will result in “0” participation points for the class day.

D. **Class Participation:**
Students are expected to attend class prepared to contribute to class discussion, and to participate in all class activities. The participation grade for theory courses will include positive contributions to class, meeting activity objectives, and demonstrating civility. Failure to participate will result in grade point deduction. (See VI. Semester Grade Computation)

E. **Other requirements:**
1. Following an illness or other medical or mental health-related event, during the
duration of the program, the student may be required to obtain a “Student Nurse Medical Release Return to Class/Clinical” form from their health care provider prior to returning to the classroom/clinical area. The required release must include 1) when the student can return to school/clinical and 2) specific limitations on activity level, if any. The form must be faxed or mailed from the health care provider’s office or submitted in a sealed envelope. Please see the Department of Nursing office or Blackboard for the official form.

2. The student scoring <75% on any exam must make an appointment with the course faculty for exam review and counseling within one (1) week after completing the exam.

3. A student in academic jeopardy will be required to make an appointment with the Department of Nursing Assistant Chair/Retention Counselor for further assistance, counseling, and recommendations for academic success.

F. Progression: A student must successfully complete RNSG 1412, RNSG 1347, and RNSG 2362 in order to progress to the fourth semester.

If a student does not successfully complete any nursing course or withdraws from a nursing course with a failing average, the student may apply for readmission to the Nursing Program one time. This applies to the following nursing courses: RNSG 1115, 1262, 1331, 1347, 1363, 1412, 1413, 2213, 2221, 2331, 2362, and 2363. Failure of any two RNSG courses will result in ineligibility for readmission.

G. Scholastic Honesty: The following statement is published in the Central Texas College Catalog and all RNSG 1412 students are expected to abide by this policy.

“All students are required and expected to maintain the highest standards of scholastic honesty in the preparation of all course work and during examinations. The following are considered examples of scholastic dishonesty:

1. Plagiarism - the taking of passages from the writing of others without giving proper credit to the sources.
2. Collusion - using another’s work as one’s own, or working together with another person in the preparation of work, unless such joint preparation is specifically approved in advance by the instructor.
3. Cheating - giving or receiving information on examinations.

Students guilty of scholastic dishonesty will be administratively dropped from the course with a grade of “F” and subject to disciplinary action, which may include suspension and expulsion.”

H. Office Hours: Each faculty member keeps office hours for the purpose of conferring with students. Students are encouraged to make appointments with the faculty to discuss their needs and/or problems related to RNSG 1412. Please use the phone at the reception desk to call the faculty member’s office before your appointment.

V. EXAMINATIONS

A. Examination dates are identified on the daily plan which is available on blackboard
Exams consist of:
   a. Multiple choice questions
   b. Alternate format questions such as multiple responses, true/false, fill in the blank, illustrations and prioritizing.
   c. Dosage calculations.

2. The student will be allowed as close to 1.5 minutes per test item as is possible, given the class schedule time. The posted CTC schedule allows two hours for a final exam.

3. Answers to all questions must be entered on the scantron/computer by the student, with the exception of calculation problems and fill-ins. Once a student has submitted the scantron for written grading no changes/additions can be made to the form with the exception of the instructor marking it after grading of calculation problems and fill-ins. Students will not have further access to the scantron/computer exam once it has been submitted. The Parscore™ scantron form is the only acceptable form for written exam grading. Students must check it carefully before submitting it.

4. An exam review will be provided following each written exam, including the final exam. The date, time and place will be announced prior to the exam. Attendance is voluntary.

5. Challenges to exam questions must be made during exam review. To challenge a question, you must write the question number and your rationale for your choice on the back of the exam. These comments will be reviewed by the course faculty and their decision will be final.

6. Written/computer examinations will be given on dates noted on the daily plan. If a student cannot attend an examination, the course instructor must be notified at their office number before the examination is given. It is your responsibility and a requirement to notify the professor in advance of any absence to retain the privilege of sitting for a make-up exam without grade penalty. Make-up examinations may include a variety of formats to include essay. Students requiring a make-up exam will report to the Department of Nursing at 9 am on the Friday following the missed exam. If the rescheduled opportunity is missed there will be no other opportunities afforded. RNSG 1412 follows the testing policy published in the Department of Nursing and Allied Health Student Handbook.

7. A student scoring less than 75% on any exam must make an appointment with the course faculty for exam review and counseling. (Appointments are optional for scores ≥75%). According to Department policy, individual appointments with the course faculty must be made within one week of the exam date for individual review of the exam. The exam may be reviewed with the faculty at a later date but the appointment must be made within the one-week time frame. No exceptions! Once a subsequent exam has been administered, no prior exam may be reviewed or any prior exam
question challenged.

8. The “Course & Testing Policy” fully explains the grading policy, exam dates and times, time limitations, review, challenge policy, and counseling. Please refer to last page of this syllabus.

B. Examination grades alone will not ensure successful completion of the course.

VI. SEMESTER GRADE COMPUTATIONS

A. The course grade is determined by written/computer examinations and participation.

Any participation points earned will be added at the end of the semester after completion of all exams and only if the student has a cumulative exam average of at least 75%. Students who do not have a cumulative exam average of at least 75% after all exams will fail RNSG 1412.

Students are required to have a cumulative exam score of 75% AND a total of at least 300 points in the course in order to be successful. It is possible that a student could achieve a cumulative exam score of 75% and still be unsuccessful if the student does not earn enough participation points to bring total points up to 300. Students who do not have a total of at least 300 points at the end of the semester will fail RNSG 1412.

B. The requirements for determining course grades are:

<table>
<thead>
<tr>
<th>Exam</th>
<th># of Questions</th>
<th># of Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit I Exam</td>
<td>70 X 1 =</td>
<td>70</td>
</tr>
<tr>
<td>Unit II Exam</td>
<td>70 X 1 =</td>
<td>70</td>
</tr>
<tr>
<td>Unit III Exam</td>
<td>70 X 1 =</td>
<td>70</td>
</tr>
<tr>
<td>Unit IV Exam</td>
<td>70 X 1 =</td>
<td>70</td>
</tr>
<tr>
<td>Comprehensive Final Exam</td>
<td>80 X 1 =</td>
<td>80</td>
</tr>
<tr>
<td>Participation</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>400</td>
</tr>
</tbody>
</table>

A = 360 - 400 points (This is 90-100% of credit)
B = 320 – 359.99 points (This is 80-89.9% of credit)
C = 300 – 319.99 points (This is 75-79.9% of credit)
D = 240 – 299.99 points (This is 60-74.9% of credit)
F = under 239.9 points (This is 0-59.9% of credit)

C. Participation: Participation points for this class can be earned by independently completing the following activities:

Math Calculation Quiz: There will be one take home calculation quiz to be completed independently. The quiz will be posted on Blackboard. The quiz contains 16 calculation problems and is worth up to 8 points (0.5 points per correct answer). You must show your work for each problem. The quiz must be submitted by the due date/time noted on the daily plan and on blackboard in order for points to be earned. Late submissions will not be accepted.

Cultural Perspectives in Childbearing: In order to view this course material, you
must register as a user for the website. This registration is free. If you prefer, you can register with the address and phone number for CTC, rather than your personal information: PO Box 1800, Killeen, TX 76540; 254-526-1266. After reviewing the course material, take the 10 questions quiz that is located on blackboard. You will receive one participation point for each correct answer on the quiz. You will have a maximum of 2 attempts to take the quiz during the assigned time frame. Your highest score will automatically be recorded in the Blackboard grade book. This assignment must be completed within the assigned time frame in order for points to be earned.

Maternity Case Studies: The Case Studies can be accessed on the Evolve Website under “Case Studies and Practice Tests.” The Case Studies must be completed within the assigned time frame in order for points to be earned. There are 7 case studies available. Two points will be given for each case study completed with a score of at least 80%, up to a maximum of 10 points. The case studies can be completed multiple times during the assigned time frame. The student’s highest score will automatically be recorded in the Evolve grade book. No points will be earned if a score of at least 80% is not achieved.

Pediatric Case Studies: Pediatric case studies will be assigned throughout the semester. Some will be completed during class time and others will be completed independently. The Case Studies can be accessed on the Evolve Website under “Case Studies and Practice Tests.” The Case Studies must be completed within the assigned time frame in order for points to be earned. There are 9 pediatric case studies available. Two points will be given for each case study completed with a score of at least 80%, up to a maximum of 12 points. The case studies can be completed multiple times during the assigned time frame. The student’s highest score will automatically be recorded in the Evolve grade book. No points will be earned if a score of at least 80% is not achieved.

D. There is no rounding off of the final theory average.
E. The faculty reserves the right to adjust the student’s classroom grade based upon classroom performance/behavior/civility.

VII. NOTES AND ADDITIONAL INSTRUCTIONS FROM THE INSTRUCTOR
A. Course Withdrawal: (Consistent with CTC policy)
B. Administrative Initiated Withdrawals: (Consistent with CTC policy)
C. Incomplete Grade: (Consistent with CTC policy)
D. Cellular Phones and Beepers: Cellular phones and beepers will be turned off while the student is in the classroom or laboratory or clinical area.
E. **Disability Support Services Program:** Disability Support Services provide services to students who have appropriate documentation of a disability. Students requiring accommodations for class are responsible for contacting the Office of Disability Support Services (DSS) located on the central campus. This service is available to all students, regardless of location. Explore the website at [www.ctcd.edu/disability-support](http://www.ctcd.edu/disability-support) for further information. Reasonable accommodations will be given in accordance with the federal and state laws through the DSS office.

F. **Instructor Discretion:** The instructor reserves the right of final decision in course requirements.

G. **Civility:** Individuals are expected to be cognizant of what a constructive educational experience is and respectful of those participating in a learning environment. Failure to do so can result in disciplinary action up to and including expulsion.

H. **Support Services:** The College offers a variety of support services to students. Refer to the [Student Services website](http://www.ctcd.edu/).

I. **Non-Discrimination:** Central Texas College District is an equal opportunity, affirmative action institution. We are unequivocally committed to a policy of equal access and equal opportunity in employment practices, admissions, educational programs, and all other college activities. The college does not discriminate on the basis of race, color, religion, national origin, gender, age, disability, veteran status, genetic information, sexual orientation, gender identity or transgender status. Accordingly, it is the [policy of the college](http://www.ctcd.edu/) to maintain an academic and work environment free of discrimination and harassment in accordance with all applicable federal, state and local statutes and regulations.

J. **Inclement Weather:** Information about class cancellation or delay because of inclement weather can be obtained by listening to KNCT-FM (91.3 on the FM dial) or by calling (254) 501-3100 (Central Texas College Inclement Weather Information Line).

### VIII. COURSE OUTLINE

A. **Unit One:**

1. **Learning Outcomes:** Upon successful completion of this unit, the student will:
   a. Meet the objectives listed for each chapter assigned within the unit of study.
   b. Define and understand the etiology, pathophysiology, manifestations, therapeutic management, and nursing care management associated with each of the terms and conditions discussed within each assigned chapter.
c. Define and understand the laboratory tests and diagnostic tests for the terms and conditions covered within each assigned chapter, and be able to explain and discuss the tests with patients and/or families.
d. Discuss the following aspects of the medications listed within each assigned chapter: brand and generic name, classification, mechanism of action, therapeutic effect, nursing considerations, side effects, and cultural considerations.
e. Define, discuss, and understand the safety, cultural, ethical, and legal aspects/issues related to the terms, conditions, and medications covered within each assigned chapter.
f. Relate how evidence-based research and QSEN apply to each term, condition, and medication covered within each assigned chapter.

2. Learning Activities
   a. **Daily Plan**: The Daily Plan for RNSG 1412 details required reading for each of the units of study. *(C 1, 3)*
   b. **Supplemental Learning Activities and Self-Directed Study**: This course is fast paced, with new material covered daily. Class time is designed to supplement and clarify assigned chapter material. Students are highly advised to utilize the student resources that accompany the required text in preparation for each lesson. Visit the [Evolve website](#) for available student resources. The required textbook provides directions on registering for available student resources. *(C 1, 3, 5, 8, 18; F 1, 11, 13, 16)*
   c. **Class Presentation**: A variety of teaching methods (lecture, discussion, demonstration, lab time, small group activities, computer-assisted instruction, and audio visuals) will be utilized to present material on assigned units of study. Class presentations are intended to supplement course material. It is the student’s responsibility to be familiar with assigned material before attending class. *(C 5, 6, 9; F 1, 5, 9, 12, 13)*

3. Equipment and Materials
   a. Instructor prepared handouts
   b. Student notes and study aids
   c. Corresponding chapter Power-points

4. Unit Outline
   a. Foundations of Maternal-Child Nursing
   b. Communicating with Children and Families
   c. Intrapartum Fetal Surveillance
   d. Pain Management during Childbirth and for Children
   e. Giving Birth
   f. Physical Assessment and Care of the Child
   g. Nursing Care during Obstetric Procedures
   h. Postpartum Adaptations
   i. Safe Medication Administration
j. The Ill Child in the Hospital

B. **Unit Two:**

1. **Learning Outcomes:** Upon successful completion of this unit, the student will:
   a. Meet the objectives listed for each chapter assigned within the unit of study.
   b. Define and understand the etiology, pathophysiology, manifestations, therapeutic management, and nursing care management associated with each of the terms and conditions discussed within each assigned chapter.
   c. Define and understand the laboratory tests and diagnostic tests for the terms and conditions covered within each assigned chapter, and be able to explain and discuss the tests with patients and/or families.
   d. Discuss the following aspects of the medications listed within each assigned chapter: brand and generic name, classification, mechanism of action, therapeutic effect, nursing considerations, side effects, and cultural considerations.
   e. Define, discuss, and understand the safety, cultural, ethical, and legal aspects/issues related to the terms, conditions, and medications covered within each assigned chapter.
   f. Relate how evidence-based research and QSEN apply to each term, condition, and medication covered within each assigned chapter.

2. **Learning Activities**
   a. **Daily Plan:** The Daily Plan for RNSG 1412 details required reading for each of the units of study. (C 1, 3)
   b. **Supplemental Learning Activities and Self-Directed Study:** This course is fast paced, with new material covered daily. Class time is designed to supplement and clarify assigned chapter material. Students are highly advised to utilize the student resources that accompany the required text in preparation for each lesson. Visit the Evolve website for available student resources. The required textbook provides directions on registering for available student resources. (C 1, 3, 5, 8, 18; F 1, 11, 13, 16)
   c. **Class Presentation:** A variety of teaching methods (lecture, discussion, demonstration, case studies, lab time, small group activities, computer-assisted instruction, and audio visuals) will be utilized to present material on assigned units of study. Class presentations are intended to supplement course material. It is the student’s responsibility to be familiar with assigned material before attending class. (C 5, 6, 9; F 1, 5, 9, 12, 13)
3. **Equipment and Materials**
   a. Instructor prepared handouts
   b. Student notes and study aids
   c. Corresponding chapter Power-points

4. **Unit Outline**
   a. The Child with a Respiratory Alteration
   b. The Child with a Fluid and Electrolyte Alteration
   c. Care of the Newborn
   d. Prenatal Diagnostic Tests
   e. The Child with an Endocrine or Metabolic Alteration
   f. The Child with a Gastrointestinal or Genitourinary Alteration
   g. The Childbearing Family with Special Needs
   h. The Woman with an Intrapartum Complications
   i. Health Promotion for the Infant and Early Childhood

C. **Unit Three:**

1. **Learning Outcomes:** Upon successful completion of this unit, the student will:
   a. Meet the objectives listed for each chapter assigned within the unit of study.
   b. Define and understand the etiology, pathophysiology, manifestations, therapeutic management, and nursing care management associated with each of the terms and conditions discussed within each assigned chapter.
   c. Define and understand the laboratory tests and diagnostic tests for the terms and conditions covered within each assigned chapter, and be able to explain and discuss the tests with patients and/or families.
   d. Discuss the following aspects of the medications listed within each assigned chapter: brand and generic name, classification, mechanism of action, therapeutic effect, nursing considerations, side effects, and cultural considerations.
   e. Define, discuss, and understand the safety, cultural, ethical, and legal aspects/issues related to the terms, conditions, and medications covered within each assigned chapter.
   f. Relate how evidence-based research and QSEN apply to each term, condition, and medication covered within each assigned chapter.

2. **Learning Activities**
   a. **Daily Plan:** The Daily Plan for RNSG 1412 details required reading for each of the units of study. (C 1, 3)
   b. **Supplemental Learning Activities and Self-Directed Study:** This course is fast paced, with new material covered daily. Class time is designed to supplement and clarify assigned chapter material. Students are highly advised to utilize the student resources that accompany the required text in preparation for each lesson. Visit the [Evolve website](#) for available student resources. The required textbook provides directions
on registering for available student resources. (C 1, 3, 5, 8, 18; F 1, 11, 13, 16)

c. **Class Presentation:** A variety of teaching methods (lecture, discussion, demonstration, lab time, guest lectures, small group activities, computer-assisted instruction, and audio visuals) will be utilized to present material. Class presentations are intended to supplement course material. It is the student’s responsibility to be familiar with assigned material before attending class. (C 5, 6, 9; F 1, 5, 9, 12, 13)

3. **Equipment and Materials**
   a. Instructor prepared handouts
   b. Student notes and study aids
   c. Corresponding chapter Power-points

4. **Unit Outline**
   a. The Child with an Infectious Disease or Immunologic Alteration
   b. Pregnancy Related Complication and Concurrent Disorders
   c. Health Promotion for the School-Age Child and Adolescent
   d. Postpartum Complications
   e. The Child with an Alteration in Tissue Integrity
   f. The Child with a Sensory Alteration
   g. The High-Risk Newborn
   h. The Child with Cancer, Chronic Condition, or Terminal Illness

D. **Unit Four:**

1. **Learning Outcomes:** Upon successful completion of this unit, the student will:
   a. Meet the objectives listed for each chapter assigned within the unit of study.
   b. Define and understand the etiology, pathophysiology, manifestations, therapeutic management, and nursing care management associated with each of the terms and conditions discussed within each assigned chapter.
   c. Define and understand the laboratory tests and diagnostic tests for the terms and conditions covered within each assigned chapter, and be able to explain and discuss the tests with patients and/or families.
   d. Discuss the following aspects of the medications listed within each assigned chapter: brand and generic name, classification, mechanism of action, therapeutic effect, nursing considerations, side effects, and cultural considerations.
   e. Define, discuss, and understand the safety, cultural, ethical, and legal aspects/issues related to the terms, conditions, and medications covered within each assigned chapter.
f. Relate how evidence-based research and QSEN apply to each term, condition, and medication covered within each assigned chapter.

2. Learning Activities
   a. Daily Plan: The Daily Plan for RNSG 1412 details required reading for each of the units of study. (C 1, 3)
   
   b. Supplemental Learning Activities and Self-Directed Study: This course is fast paced, with new material covered daily. Class time is designed to supplement and clarify assigned chapter material. Students are highly advised to utilize the student resources that accompany the required text in preparation for each lesson. Visit the Evolve website for available student resources. The required textbook provides directions on registering for available student resources. (C 1, 3, 5, 8, 18; F 1, 11, 13, 16)
   
   c. Class Presentation: A variety of teaching methods (lecture, discussion, demonstration, lab time, guest lectures, small group activities, computer-assisted instruction, and audio visuals) will be utilized to present material. Class presentations are intended to supplement course material. It is the student’s responsibility to be familiar with assigned material before attending class. (C 5, 6, 9; F 1, 5, 9, 12, 13)

3. Equipment and Materials
   a. Instructor prepared handouts
   b. Student notes and study aids
   c. Corresponding chapter Power-points

4. Unit Outline
   a. The Child with a Cardiovascular or Hematologic Alteration
   b. Heredity and Conception
   c. Management of Fertility and Infertility
   d. The Child with a Neurologic Alteration
   e. The Child with Psychosocial Problems or a Developmental Disability
   f. Adaptations to Pregnancy and Nutrition for Childbearing
   g. The Child with a Musculoskeletal Alteration
   h. Emergency Care of the Child
   i. Ethical/Legal Issues in Childbearing/Childrearing
These rules are standard rules of rounding that apply across the curriculum unless otherwise specified on an exam. All answers must be correctly labeled or they are wrong.

1. Never round off until the final answer.
2. When rounding, the general rule is: 5 and above round up; 4 and below round down. However, never round up when figuring problems for pediatrics/infants. Refer to the required dosage calculation text for specific examples.
3. Milligrams/dose- round to the tenths place. (Exception: see rule #9)
4. Milliliters/dose- round to the tenths place unless the amount is less than 1 ml, then round to the hundredths place.
5. Milliliters or ounces/feeds- round to the tenths place.
6. Milliliters/hour - round to the tenths place.
7. Drops (gtt)/minute- round to the whole number.
8. Insulin should be given as ordered. DO NOT round off.
9. Digoxin and heparin should be rounded to the thousandths place (mg/dose only).
10. Amounts less than 1 should be preceded by a 0 and a decimal point. Refer to the required dosage calculation text for specific examples.
11. No “trailing” zeros. Ex: 5 mL, not 5.0 mL; 0.4 mL, not 0.40 mL.
12. Microdrip tubing has a drop factor of 60 gtt/mL. Macrodrip tubing has a drop factor of 10, 15, or 20 gtt/mL.
13. To convert pounds and ounces to pounds, divide the ounces by 16. For example: weight = 7 lb, 10 oz; 10/16 = 0.625; so weight is 7.625 lb.
14. Conversions you must know:
   - 1 pound (lb) = 16 ounces (oz)
   - 1 kilogram (kg) = 1000 grams (g)
   - 1 gram (g) = 1000 milligrams (mg)
   - 1 unit (U) = 1000 milliunits (mU)
   - 1 ounce (oz) = 30 milliliters (mL)
   - 1 tablespoon (Tbsp) = 15 milliliters (mL)
   - 1 oz of breast milk = 20 kilocalories (kcal)
   - 1 oz of baby formula = 20 kcal unless otherwise specified in problem
1. Course Exams I, II, III, and IV will consist of 70 questions weighted at 70 points. The comprehensive Final Exam will consist of 80 questions weighted at 80 points. Dosage calculations will not be multiple choice questions. All dosage calculation problem solving steps must be documented following the question and the final answer must be written on the exam in the designated area with the corresponding unit(s) of measure. Department of Nursing & Allied Health “Dosage Calculation for Administration (DCFA) Rounding Rules” must be followed. Any question lacking documentation of mathematical steps, even if the correct answer is recorded in the designated area, will be marked as incorrect.

2. A minimum total of **300 points of a possible 400** (75%) must be achieved in order to complete RNSG 1412 successfully. Participation points will not be added unless the total examination average is at least 75%. Examinations will be given on dates noted on the daily plan. If a student cannot attend an examination, the course coordinator/professor must be notified before the examination is given. It is your responsibility to arrange to make up assignments missed during the absence. Students are required to notify the professor in advance of any absence to retain the privilege of submitting make-up work without grade penalty. **Make-up examinations may include a variety of formats.** Students requiring a make-up exam will report to the Department of Nursing at 9 am on the Friday following the missed exam. If the rescheduled opportunity is missed there will be no other opportunities. RNSG 1412 follows the testing policy published in the Department of Nursing & Allied Health Student Handbook.

3. There will be approximately 1 1/2 minutes allotted per test question not to exceed class time.

4. The Parscore™ scantron form is the **only acceptable form** for written exam grading. Students must check it carefully before submitting it and will not have further access to it once they submit it.

5. An exam review will be provided following each exam, including the final exam. The date, time and place will be announced prior to the exam. **Attendance is voluntary.**

6. Challenges to exam questions must be made during the exam review. To challenge a question during the exam review, you must write the question number and your rationale for your choice on the back of the exam or provided scratch paper. These comments will be reviewed by the course professors and their decision will be final.

7. A student scoring less than 75% on any exam must make an appointment with the course professor for exam review and counseling. (Appointments are optional for scores ≥75%). According to Department policy, individual appointments with the course professor must be made within **one week of the test date** for individual review of the exam. The exam may be reviewed with the professor at a later date but the **appointment must be made** within the one-week time frame. No exceptions! Once a subsequent exam has been administered, no prior exam may be reviewed or any prior test question challenged.

8. The professor reserves the right to adjust the student’s classroom grade based upon classroom performance/behavior/civility.

I understand the HESI testing policy as outlined in this syllabus. My signature acknowledges receipt and understanding of the RNSG 1412 Course & Testing Policy and the RNSG 1412 Course Syllabus.

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Printed Name

Signature

Date

1/5/2017
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