I. INTRODUCTION

A. Course Description: Study of concepts related to the provision of perinatal nursing care for childbearing families. Content includes knowledge, judgment, skills, 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. BIOL 2401, Anatomy and Physiology I
   2. BIOL 2402, Anatomy and Physiology II
   3. RNSG 1105, Nursing Skills
   4. RNSG 1115, Health Assessment
   5. RNSG 1262, Clinical Nursing I
   6. RNSG 1301, Pharmacology
   7. RNSG 1413, Foundations of Nursing Practice

E. Co-requisites: None

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 1251 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, Care of the Childbearing Family, the student will:
A. Explain the roles of the professional nurse in caring for the childbearing family. (C7, 12, 15; F11, 13, 16)(MOP-1, 3; MHCT-1)

B. Utilize critical thinking skills and a systematic problem-solving process for providing care for the family during the perinatal periods. (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)

III. INSTRUCTIONAL MATERIALS

A. Instructional Materials
   1. The instructional materials for this course are viewable through http://www.ctcd.edu/books
   2. Course materials can be found at https://ctc.blackboard.com/webapps/login/
   3. Non-scientific calculator
   4. Mechanical Pencil
   5. Scantrons (4) provided to instructors at beginning of semester

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 also required.

C. Supplementary Reading:
   Selected web sites:
   http://www.aap.org
   http://www.ce.nurse.com
   http://www.nursingcenter.com
   http://www.nursingceu.com
   http://www.rn.com

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.

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 1251. 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 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 1251 Daily Plan. 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 presentation:** Course requirements include independent projects that will be completed on the Evolve website. 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 (Foundations Exam), RNSG 1229 (Foundations Exam), RNSG 1331 (Health Assessment Exam), RNSG 1347 (Pharmacology Exam), and RNSG 2213 (Mental Health Exam). 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 site [https://evolve.elsevier.com/staticPages/s_index.html](https://evolve.elsevier.com/staticPages/s_index.html) 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. If the recommended score of 850 is not obtained on RN Exit 1, mandatory self-remediation is required PRIOR to taking the next scheduled exam. A counseling session must be held 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.

**C. Class Performance:**

1. **Attendance Policy:** RNSG 1251 adheres to the departmental attendance policy published in the Department of Nursing 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 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.

**B. 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)
C. **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 1251, RNSG 1331, RNSG 2213, and RNSG 1363 in order to progress to the third semester. If withdrawal occurs for any reason from any of the co-requisite nursing courses, RNSG 1251, RNSG 1331, or RNSG 2213, withdrawal from the corresponding clinical course, RNSG 1363 Nursing Clinical II, is required.

If a student has a previous RNSG course failure, the student will be allowed to register for only one RNSG course during each summer session. Exceptions to this policy will be made on an individual basis by the Admission & Standards Committee recommendations.

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 1105, 1115, 1251, 1262, 1301, 1331, 1347, 1363, 1413, 2201, 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 1251 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.”

I. **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 1251. 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 distributed the first day of class.

1. Exams consist of:
   a. Multiple choice questions
   b. Alternate format questions such as multiple response, true/false, fill in the blank, and prioritizing.
   c. Dosage calculations must reveal the methodology utilized to acquire the answer.

2. Each student will submit 4 blank scantrons at the beginning of the semester. Scantrons will then be provided to students prior to each exam.

3. 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.

4. Answers to all questions must be entered on the scantron by the student, with the exception of calculation problems and fill-ins. Once a student has submitted the scantron for 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 once it has been submitted. The Parscore™ scantron form is the **only acceptable form** for exam grading. Students must check it carefully before submitting 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 test questions must be made during the test review. To challenge a question during the test review, 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.

7. Written 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 at their office number (254) 526-1301 **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 1251 follows the testing policy published in the Department of Nursing Student Handbook.

8. 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 test 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 test question challenged.

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

VI. SEMESTER GRADE COMPUTATIONS

A. The course grade is determined by written 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% (281.25 points). Students who do not have a cumulative exam average of at least 75% (281.25 points) after all exams will fail RNSG 1251.

Students are required to have a cumulative exam score of 75% (281.25 points) 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% (281.25 points) 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 1251.

B. The requirements for determining course grades are:

Three unit exams of 93.75 raw points each, a comprehensive final of 93.75 raw points, and 25 possible participation point.

<table>
<thead>
<tr>
<th></th>
<th># of Questions</th>
<th># of Points</th>
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<tbody>
<tr>
<td>Exam I</td>
<td>75 X 1.25 =</td>
<td>93.75</td>
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<tr>
<td>Exam II</td>
<td>75 X 1.25 =</td>
<td>93.75</td>
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<tr>
<td>Exam III</td>
<td>75 X 1.25 =</td>
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<tr>
<td>Final</td>
<td>75 X 1.25 =</td>
<td>93.75</td>
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<tr>
<td>Participation</td>
<td>25</td>
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<tr>
<td>Total</td>
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<td>400</td>
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</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 will come from the following activities: Maternity Case Studies on Evolve, 2 quizzes taken on Blackboard, the Maternity Assignment Exam on Evolve, and completion of the “Cultural Perspectives in Childbearing” course review and quiz (taken on Blackboard).

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 6 case studies available. One point will be given for each case study completed with a score of at least 80%, up to a maximum of 6 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.

Quizzes: Two quizzes will be given throughout the semester. Each quiz will consist of 5 questions. The format of the questions may be multiple choice, multiple response, or true/false. The quizzes are posted on blackboard and dates that they must be taken are listed on the RNSG 1251 Daily Plan. They will be available for 24 hours. The questions may come from the chapter assigned for that day or from a previously covered chapter. Each quiz will be worth up to 5 points. You will be able to take each quiz only once.

Maternity Assignment Exam: This exam can be accessed on the Evolve Website under “Case Studies and Practice Tests.” The exam must be taken within the assigned time frame and a score of at least 80% is required in order for points (up to 5) to be earned. A score of 80%-84% earns 2 points; a score of 85%-89% earns 3 points; a score of 90%-94% earns 4 points; and a score of 95%-100% earns 5 points. The exam can be taken 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.

Cultural Perspectives in Childbearing: Course material can be viewed at this website: http://ce.nurse.com/course/ce263-60/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 quiz that is located on blackboard. You must score at least 80% on the quiz in order to receive the participation points (up to 4). A score of 80% earns 2 points; a score of 90% earns 3 points; and a score of 100% earns 4 points. You may attempt the quiz a maximum of 3 times during the assigned time frame. 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. American’s With Disabilities Act (ADA): Disability Support Services provides 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. Review the website at 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 CTC website: www.ctcd.edu and click on “Current Students” from the Main Menu then “Texas Students”, then “Student Support Services.”
I. Statement on Harassment and Discrimination: (Consistent with CTC Policy)
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: Ch. 12-15, 17-23
   1. Learning Outcomes: Upon successful completion of this lesson, the student will:
      a. Apply the nursing process and critical thinking to the care of the childbearing family during the intrapartum and postpartum period. (C 5-7, 15-17; F 1, 2, 5, 8-12) (PPCC 1, 3, 4; MHCT 2, 3, 4)
      b. Examine maternal and fetal responses to labor. (C 5, 15; F 1) (PPCC 5; MHCT 2, 3)
      c. Differentiate the stages and phases of labor and analyze how components of the birth process affect labor and birth. (C 5, 6, 15; F 1, 2, 8, 12) (PPCC 4-6; MHCT 2, 3)
d. Outline responsibilities of the nurse during and immediately after labor and
birth. (C 5, 15; F 1, 8, 9) (MOP 1, 2)
e. Examine the mechanisms that influence fetal heart rate and relate
appropriate responses to non-reassuring patterns. (C 5, 16; F 1, 8, 9, 12)
(PPCC 1-4)
f. Analyze the maternal and fetal effects and outline nursing care related to
both non-pharmacologic and pharmacologic pain management methods. (C
5, 16, 18; F 1, 8, 9, 12) (PPCC 1, 3, 4, 6; MHCT 2, 3; PSA 2)
g. Outline nursing assessments and nursing care during the postpartum
period. (C 5, 15; F 1, 8) (PPCC 5; MHCT 2, 3)
h. Assess the processes and factors that affect maternal and family adaptation
to the birth of a baby. (C 6; F 1, 5, 11, 12) (PPCC 5; MHCT 2-4)
i. Examine the processes of newborn adaptation and differentiate normal and
abnormal assessment findings. (C 5, 15, 16; F 1, 6, 9) (PPCC 1, 3, 4;
MHCT 2, 3)
j. Categorize the purpose, use, effects, and nursing considerations of routine
prophylactic medications for the normal newborn. (C 5, 16, 18; F 1, 8, 9,
12) (PPCC 1, 3, 4, 6; MHCT 2, 3; PSA 2)
k. Apply the nursing process and critical thinking to the care of newborns. (C
5-7, 15-17; F 1, 2, 5, 8-12) (PPCC 2-4)
l. Outline nursing assessments and interventions in formula and breast
feeding. (C 5, 15; F 1) (PPCC 5; MHCT 2, 3)
m. Relate signs of illness in the infant and when immediate medical care is
necessary. (C 5-7, 15-17; F 1, 2, 5, 8-12) (PPCC 1, 3, 4; MHCT 2, 3, 4)

2. **Unit Learning Activities**
   a. **Daily Plan:** The Daily Plan for RNSG 1251 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. Student resources are available at
http://evolve.elsevier.com/murray/foundations. 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)
   d. **Drug Information:** Identify the classification, generic name, trade name,
physiological action, uses, therapeutic range (if applicable), route of
administration, principle side effects, contraindications, incompatibilities,
patient teaching, nursing responsibilities, and evaluation of effectiveness
of pharmacologic intrapartum pain management methods, Hepatitis B Vaccine, Vitamin K₁ (Phytonadione), and Erythromycin Ophthalmic Ointment. Also, the student must demonstrate basic mathematical skills necessary for practical problem solving for drug administration. (C 7, 16; F 1, 3, 4, 8, 12)

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

4. **Lesson Outline**
   a. Process of Birth
   b. Nursing Care during Labor and Birth
   c. Intrapartum Fetal Surveillance
   d. Pain Management during Childbirth
   e. Postpartum Physiologic Adaptations
   f. Postpartum Psychosocial Adaptations
   g. Normal Newborn: Processes of Adaptation
   h. Assessment of the Normal Newborn
   i. Care of the Normal Newborn
   j. Infant Feeding
   k. Home Care of the Infant

B. **Unit Two:** Ch. 10, 16, 24-30
1. **Learning Outcomes:** Upon successful completion of this lesson, the student will:
   a. Outline indications, advantages, and risks of fetal diagnostic procedures. (C 5, 15; F 1, 9) (PPCC 1-4)
   b. Correlate risks, precautions, contraindications and nursing considerations for patients undergoing obstetrical procedures. (C5, 15, 16; F 1, 8, 9, 12) (PPCC 1, 4)
   c. Apply the nursing process and critical thinking to the care of the childbearing family during the antepartum period. (C 5-7, 15-17; F 1, 2, 5, 8-12) (PPCC 1, 3, 4; MHCT 2, 3, 4)
   d. Apply the nursing process and critical thinking to the childbearing family with special needs. (C 5-7, 15-17; F 1, 2, 5, 8-12) (PPCC 3, 4, 6; PSA 3)
   e. Compare the effects of substance abuse on the mother, the fetus and the newborn and correlate associated nursing considerations. (C5, 15, 16; F 1, 8, 9, 12) (PPCC 1, 4)
   f. Relate etiology, nursing considerations, and management for disorders of the placenta, hypertensive disorders, and Rh and ABO incompatibility. (C5, 15, 16; F 1, 8, 9, 12) (PPCC 1, 4)
   g. Categorize the purpose, use, effects, and nursing considerations of magnesium sulfate, terbutaline, betamethasone, and RhoGAM administration. (C 5, 16, 18; F 1, 8, 9, 12) (PPCC 1, 3, 4, 6; MHCT 2, 3; PSA 2)
h. Examine effects, management and nursing considerations of heart disease, common infections, and preexisting and gestational diabetes. (C5, 15, 16; F1, 8, 9, 12) (PPCC 1, 4)

i. Outline maternal and fetal problems that may occur as a result of preterm or post term delivery. (C5, 15, 16; F1, 8, 9, 12) (PPCC 1, 4)

j. Classify risk factors, evaluate signs and symptoms, and relate management of intrapartum emergencies. (C 5, 15; F 1, 9) (PPCC 1-4)

k. Outline predisposing factors, causes, signs and therapeutic management of postpartum hemorrhage, thromboembolic disorders, and puerperal infections. (C5, 16, 18; F1, 8, 9, 12) (PPCC1, 3, 4, 6; MHCT2, 3; PSA 2)

l. Apply the nursing process and critical thinking to women experiencing complications or disorders during the antepartum, intrapartum and postpartum periods. (C 5-7, 15-17; F 1, 2, 5, 8-12) (PPCC 2-4; PSA 3)

m. Correlate special problems of the preterm infant and complications that may result from preterm birth. (C5, 15, 16; F 1, 8, 9, 12) (PPCC 1, 4)

n. Outline and prioritize the steps involved in neonatal resuscitation. (C 5, 15; F 1, 9) (PPCC 1-4)

o. Assess causes and outline nursing care of infants experiencing respiratory problems, jaundice, and neonatal infections. (C5, 15, 16; F 1, 8, 9, 12) (PPCC 1, 4)

p. Apply the nursing process and critical thinking to the care of high risk newborns. (C 5-7, 15-15; F 1, 2, 5, 8-12) (PPCC 2-4)

2. Unit Learning Activities

a. Daily Plan: The Daily Plan for RNSG 1251 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. Student resources are available at http://evolve.elsevier.com/murray/foundations. 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)

d. Drug Information: Identify the classification, generic name, trade name, physiological action, uses, therapeutic range (if applicable), route of administration, principle side effects, contraindications, incompatibilities, patient teaching, nursing responsibilities, and evaluation of effectiveness of Misoprostol (Cytotec), Oxytocin (Pitocin), Magnesium Sulfate, Terbutaline (Brethine), Betamethasone, Rho(D) Immune Globulin
(RhoGAM), Methylergonovine (Methergine), Carboprost Tromethamine (Hemabate), and Naloxone Hydrochloride (Narcan). Also, the student must demonstrate basic mathematical skills necessary for practical problem solving for drug administration. (C 7, 16; F 1, 3, 4, 8, 12)

3. **Equipment and Materials**
   a. Instructor prepared handouts
   b. Student notes and study aids

4. **Lesson Outline**
   a. Nursing Care during Obstetric Procedures
   b. Antepartal Fetal Assessment
   c. The Childbearing Family with Special Needs
   d. Complications of Pregnancy
   e. Concurrent Disorders during Pregnancy
   f. Intrapartum Complications
   g. Postpartum Maternal Complications
   h. High-Risk Newborn: Complications Associated with Gestational Age and Development
   i. High-Risk Newborn: Acquired and Congenital Conditions

C. **Unit Three:** Ch. 1-3, 5-9, 31-34, QSEN
1. **Learning Outcomes:** Upon successful completion of this lesson, the student will:
   a. Analyze current trends that affect perinatal and Women’s Health nursing such as: outcomes management, evidence-based practice and advances in technology. (C 5, 7, 15; F 1, 9, 12) (PPCC 4, 6; MHCT 2, 3, 4)
   b. Evaluate cultural influences on pregnancy and childbearing and outline the elements of a cultural assessment. (C 5, 6; F 1, 15) (PPCC 1, 4)
   c. Compare and contrast examples of therapeutic and nontherapeutic communication techniques. (C7, 15; F 1, 6, 10) (PPCC 5; MHCT 2, 3)
   d. Outline the basic principles of teaching and learning. (C 5, 15; F 1, 6, 8) (PPCC 5, 6; MHCT 3)
   e. Review the legal basis for nursing practice and outline measures to prevent malpractice claims. (C 5-7, 16; F 1, 8, 11, 12, 15) (MOP 1; PSA 1, 6)
   f. Apply ethical principles to the care of Childbearing Families. (C 7, 15; F 1, 8, 17) (PPCC 2)
   g. Distinguish factors that can interfere with prenatal development and ways to prevent or reduce their effects. (C 5; F 1, 9) (PPCC 4)
   h. Differentiate the characteristics of recessive, dominant, and X-linked traits and illustrate their transmission from parent to child. (C7, 15; F1, 5, 11) (PPCC1, 4, 5; MHCT 2, 3)
   i. Examine the role of the nurse in caring for individuals or families undergoing genetic counseling. (C 7; F 1, 6, 12) (MOP 2, 3; MHCT 2-4)
   j. Outline the function of the placenta and umbilical cord and differentiate prenatal and post-natal circulation. (C 7; F 1, 6, 8) (PPCC 1, 4, 5; MHCT 2, 3)
k. Evaluate the physiological and psychological adaptations/changes that occur during pregnancy. (C 5, 6, 15; F 1, 5) (PPCC 1, 4; MHCT 2, 3)

l. Differentiate common discomforts from signs of complications during pregnancy. (C 5, 16; F 1, 8) (PPCC 1, 3, 4)

m. Outline the responses of prospective father and siblings to pregnancy. (C6; F 1, 5, 11) (PPCC 5; MHCT 2-4)

n. Examine the importance of adequate nutrition and weight management in pregnancy and breastfeeding and factors that influence nutritional choices. (C 6, 15; F 1, 6, 9) (PPCC 4-6; MHCT 2-4)

o. Outline the mechanism of action, advantages and disadvantages, side effects, nursing considerations, and teaching needed for effective use of contraceptive methods. (C6; F 1, 5, 11) (PPCC 5; MHCT 2-4)

p. Evaluate ways in which infertility can affect a couple and other family members and integrate the nurse’s role in caring for this population. (C 6, 15; F 1, 6, 9) (PPCC 4-6; MHCT 2-4)

q. Value the elements of QSEN and incorporate them into the care of the childbearing family. (C 7, 9, 17; F 12, 13, 15, 16, 17) (MOP 1-4; PPCC 2, 5, 6; PSA 1-4; MHCT 1-5)

2. Unit Learning Activities

a. Daily Plan: The Daily Plan for RNSG 1251 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. Student resources are available at http://evolve.elsevier.com/murray/foundations. 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)

d. Drug Information: Identify the physiological action, uses, route of administration, principle side effects, contraindications, incompatibilities, patient teaching, nursing responsibilities, and evaluation of effectiveness of hormonal, intrauterine, and barrier methods of contraception. Also, the student must demonstrate basic mathematical skills necessary for practical problem solving for drug administration. (C 7, 16; F 1, 3, 4, 8, 12)

3. Equipment and Materials

a. Instructor prepared handouts
b. Student notes and study aids
c. Corresponding chapter Power-points
4. **Lesson Outline**
   a. Maternity Care Today
   b. The Nurse’s Role in Maternity and Women’s Health Care
   c. Ethical, Social, and Legal Issues
   d. QSEN Competencies
   e. Hereditary and Environmental Influences on Childbearing
   f. Conception and Prenatal Development
   g. Physiologic Adaptations to Pregnancy
   h. Psychosocial Adaptations to Pregnancy
   i. Nutrition for Childbearing
   j. Family Planning
   k. Infertility

*** Central Texas College does not discriminate in admissions or access to, or treatment or employment in, its programs and activities on the basis of race, color, religion, national origin, gender, disability, age, veteran’s status, genetic information, sexual orientation or gender identity.
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/feed- 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 60gtt/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 kilogram (kg) = 2.2 pounds (lb)
- 1 gram (g) = 1,000,000 micrograms (mcg)
- 1 milligram (mg) = 1000 micrograms (mcg)
- 1 liter (L) = 1000 milliliters (mL)
- 1 teaspoon (tsp) = 5 milliliters (mL)
- 1 oz of breast milk = 20 kilocalories (kcal)
- 1 oz of baby formula = 20 kcal unless otherwise specified in problem
1. All exams will consist of 75 questions weighted at 93.75 points each. The final exam will be comprehensive. 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 “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 1251 successfully. Participation points will not be added unless the total written examination average is at least 75% (281.25 points). Written 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 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 1251 follows the testing policy published in the Department of Nursing Student Handbook.

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

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

6. A test 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.**

7. Challenges to test questions must be made during the test review. To challenge a question during the test review, 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 professors and their decision will be final.

8. 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.

9. 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 1251 Course & Testing Policy and the RNSG 1251 Course Syllabus.

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RNSG1251
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RNSG1251

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