

**HILLSBOROUGH COMMUNITY COLLEGE  
DIVISION OF NURSING  
NUR 2412C MATERNAL NEWBORN NURSING  
COURSE OUTLINE AND  
ADDENDUM TO THE SYLLABUS**

**Spring 2010**

**Instructor: Cecilia M. Carr, MSN, RN**

**This class schedule is a product of the instructor and subject to change if necessary**

**CLASS TIMES/DAYS:** Tuesday and Wednesday 1300-1600

**Clinical TIMES/DAYS:** Friday--SJWH 0630-1645 (Cecilia Carr)  
Thursday--SJWH 0630-1645 (Cecilia Carr)  
Thursday—UCH 0630-1645 (Vicki Vawter)  
Friday-UCH 0630-1645 (Trish Walton)

- 01-12-10** Orientation to Course  
Reproductive Anatomy and Physiology (Chapter 3, review on own)  
Conception and Fetal Development (Chapter 4)
- 01-13-10** **MATH QUIZ**  
Families with Special Reproductive Concerns (Chapter 7)
- 01-14-10 or 01-15-10** **SKILLS LAB/ 1<sup>ST</sup> CLINICAL DAY--Held on your assigned clinical day  
0800 to 1800** Room 301 or 302 , Hospital Orientation 1500-1800  
**Wear your uniform and HCC photo ID badge + name plate**  
Postpartum Nursing Assessment (Chapters 30 and 31)--Review on own  
Nursing Assessment of the Newborn (Chapter 25)--Review on own
- 01-19-10** **QUIZ: Postpartum/Newborn Assessment (Chapters 25, 30, 31)**  
Physical and Psychological Changes of Pregnancy (Chapter 9)  
Antepartal Nursing Assessment (Chapter 10)
- 01-20-10** The Expectant Family: Needs & Care (Chapter 11)  
Adolescent Pregnancy (Chapter 13)  
Preparation for Parenthood (Chapter 8)
- 01-26-10** Maternal Nutrition (Chapter 12)  
Assessment of Fetal Well-Being (Chapter 14)
- 01-27-10** **EXAM 1--Antenatal Unit (Chapters: 3, 4, 7, 8, 9, 10, 11, 12, 13, & 14)**  
Preparation for Parenthood (Chapter 8)
- 02-02-10** Processes and Stages of Labor and Birth (Chapter 17)  
Intrapartal Nursing Assessment (Chapter 18)  
The Family in Childbirth: Needs and Care (Chapter 19)

- 02-03-10** Pharmacologic Management of Pain (Chapter 20)  
 Postpartal Adaptation & Nursing Assessment (Chapter 30)  
 The Postpartal Family: Needs & Care (Chapter 31, review on own)  
 Home Care of the Postpartal Family (Chapter 32, review on own)
- 02-09-10** The Physiologic Responses of the Newborn to Birth (Chapter 24)  
 Newborn Nutrition (Chapter 27)  
 Nursing Assessment of the Newborn & Normal Newborn: Needs & Care  
 (Chapters 25 & 26, review on own)
- 02-10-10** **EXAM 2-- Intrapartal, Postpartal, and Newborn Units (Chapters: 17, 18, 19, 20, 24, 25, 26, 27, 30, 31, & 32)**  
 Pregnancy at Risk: Pre gestational Problems (Chapter 15)
- 02-16-10** Pregnancy at Risk: Gestational Onset (Chapter 16)  
 Assessment of Fetal Well-Being (Chapter 14, review on own)
- 02-17-10** **COMMUNITY RESOURCE PROJECT DUE**  
 Childbirth at Risk & Pre-labor & Labor-Related Complications (Chapters 21 & 22)  
 The Postpartal Family at Risk (Chapter 33)
- 02-23-10** The Newborn at Risk: Conditions Present at Birth & Birth-Related Stressors  
 (Chapters 28 & 29)
- 02-24-10** **Exam 3--Antepartal, Postpartal, Newborn Complications Units (Chapters: 14, 15, 16, 21, 22, 28, 29, & 33)**
- 03-02-10** **0900-1200—GYN Class Presentations**
- 03-03-10** **EXAM 4--Standardized HESI Cumulative Course Exam-**  
 Computer lab, 4<sup>th</sup> floor, Tech Bldg. Rooms # TBA

### **POINT VALUES AND GRADING SCALE**

**OB Course Points:**

- Unit Exam #1=55 Points
- Unit Exam #2= 55 Points
- Unit Exam #3= 57 Points
- NB/PP Quiz= 10 Points
- Care Plan= 10 Points
- Classroom Active Learning= 5 Points
- Community Resource Project= 10 Points
- Class Presentation= 10 Points
- Cumulative Final-HESI= 38Points

**NPIII OB and Pedi Course Grade:**

- A= 455-500 Points (91-100%)**
- B= 425-454 Points (85-90%)**
- C= 400-424 Points (80-84%)**
- D= <400 Points (<80%)**

## OBSTETRICAL MEDICATIONS

Be familiar with the **obstetrical** uses, actions, side effects, adverse reactions, and nursing implications for the following medications. These medications will be tested in the pertinent unit examinations.

### Exam #1 Medications:

Aquamephyton (Vitamin K)  
Celestone (betamethasone)  
Erythromycin ophthalmic ointment  
Folic Acid  
Iron supplements  
RhoGAM (Rh Immune Globulin)  
Rubella Vaccine

### Exam #2 Medications:

Cervadil / Prepidil (Dinoprostone)  
Cytotec (misoprostol)  
Fentanyl  
Neonatal Hepatitis Vaccine  
Pitocin (oxytocin)  
Stadol (Butorphanol Tartrate)

### Exam #3 Medications:

Aldomet (Methyldopa)  
Apresoline (hydralazine)  
Brethine (terbuteline)  
Hemabate (carboprost tromethamine)  
Normodyn (Labetalol)  
Magnesium Sulfate  
Methergine (Methylergonovine maleate)  
Procardia (Nifedipine)

## EXAMINATIONS

Examinations are scheduled as listed in the course outline. **Students are required to notify the theory instructor if the student will be absent for an exam or quiz.** Missed exams/quizzes are to be completed within 7 days as per the Nursing Student Policy Manual and will be scheduled with the instructor. Students will be given a different but equivalent exam. Missed exams are subject to a 10% grade penalty. You **must** take the cumulative final exam (HESI) as scheduled, there will be **NO** make-ups.

During the exam:

- No hats, food or drink during the exam
- You may not leave the room and return during the exam, plan ahead
- Turn off cell phones and pagers
- Place backpacks and other belongings around perimeter of the room
- Scantron or paper if required for test, and 1 pencil only on desk
- No more than one student per table, unless approved by instructor

\*\*\*\*\*Each student will be asked to submit 4 Scantrons in clean and unwrinkled condition to the instructor by the 2<sup>nd</sup> day of class. These will be distributed to each student on the day of the quiz or exam. **DO NOT** write your name on them!

## CLASSROOM ACTIVE LEARNING

There will be an opportunity to earn 5 points during active learning activities in the classroom. You will need to be present during the entire class in order to receive the point(s) awarded for the individual exercise(s). These exercises will not be announced in advance. If the exercise has a worksheet or handout, you may receive the worksheet or handout on your next attended classroom day; however, you will **NOT** receive the active learning points. There will also be active learning exercises in the classroom that will not be awarded points for participating or completing. The exercises to receive point(s) will be determined by the instructor.

## COMMUNITY RESOURCE PROJECT

Each student will be required to report on one (1) community resource relevant to maternal-newborn nursing. You will attend a class in the community for non-medical persons lasting 2 to 3 hours. Each student will submit a report to the theory instructor and will report on the agency in a clinical post conference. Reports submitted after the due date will be subject to a 10% grade penalty for each class day the report is late. The report may be typed or neatly handwritten. It is the student's responsibility to schedule the class with the course instructor; some teachers limit the number of students that may attend a particular class. It is a good idea to schedule this early in the course as some classes are held on a cyclical basis and may not be offered every week. You must wear **business casual dress (No jeans, shorts, leggings), port wine or white warm-up jacket**, and **HCC student photo ID + HCC name plate** when attending the class.

The written **report** is to include:

1. Name and location of class
2. Date and time of class
3. Instructor's name and contact telephone number= 1 point earned for 1, 2, + 3
4. Summary of class content = 4 points
5. What you learned = 3 points

## MATH QUIZ

Each student must achieve a score of **80% or better** on the math quiz before being allowed to administer medications in the clinical setting. A student may take the quiz up to three times as needed to achieve a score of 80% or better. Students **must** pass the quiz before the end of the second week of clinical or risk failing clinical as administering medications is required to pass clinical.

## CLASS PRESENTATION

Student groups will be responsible for the following:

1. Formulate a presentation on a given topic related to Women's Health/GYN/Oncology issue.  
A sign-up sheet will be available the first several days of class. Only one student per specific topic is allowed.
2. Work in groups as assigned by the instructor.
3. Each student's presentation will be restricted to **3-4 minutes or a total for groups dependent on number of group members**. Points will be deducted for those presentations that extend past the allotted time, as well as those students who do **NOT** contribute to the group.

#### 4. GRADING

CATEGORIES	0 POINTS	1 POINT	2 POINTS
<b>CONTENT</b>	Incorrect information presented and/or lacks in depth	Critical or key pieces of information missing	Thorough and complete coverage of content material
<b>PRESENTATION STYLE</b>	Speaks unintelligibly or in an inappropriate tone or volume, makes no eye contact with audience	Poor eye contact with audience, voice is too soft or too loud to be understood	Good eye contact with audience and appropriate projection of voice
<b>CREATIVITY</b>	No creativity	Presentation lacks of use materials or methods other than lecture	Creative presentation of material including but not limited to demonstration, skits, and unusual facts
<b>VISUAL AIDS</b>	No visual aids used	Visual aids not specific to topic, not easily seen or understood, made poorly, poorly organized	Used creative and appropriate visual aids including but not limited to posters, PowerPoint, handouts, demonstration devices, films or skits
<b>ATTENDANCE</b>	Present for 1-50%	Present for 51-99 %	Present for 100 %

#### CLINICAL REQUIREMENTS

1. One care plan is required for the clinical experience. This care plan will be graded for **10 POINTS** toward your course grade. Due date will be assigned by your clinical instructor. Graded care plan must be **returned to your theory instructor** for recording of the grade.
2. Orally report on the community agency visited for the Community Resource Project.
3. Achieve a score of 80% or higher on the Math quiz.
4. Individual clinical instructors may require additional assignments.
5. Failure to complete these requirements and/or the attendance requirements, as listed in the Nursing Student Policy Manual, will result in an unsatisfactory clinical grade no matter what lecture/course grade the student achieves.
6. Attendance at **ALL** clinical sessions is mandatory. Missed clinical sessions will be made up at the discretion of the instructor.

## **CLINICAL MAKE UP POLICY AND PROCEDURE**

### **Policy:**

Nursing practice competence involves knowledge, skill, application and judgment. Attaining competence requires that students actively engage in all planned practice experiences throughout the program. Clinical and laboratory practice hours are designed to enable the students to achieve a basic level of clinical competence. Missed clinical hours can prevent adequate development and assessment of student competencies such as knowledge, skill, application, and judgment as well as jeopardize successful completion of clinical and/or laboratory experience. Students who miss practice or laboratory time risk not completing the course successfully.

**Students are accountable for attending all nursing practice and laboratory experiences.**

### **Procedure:**

Should a student incur a clinical absence the following procedure will be enacted:

- The absent student will advise the clinical instructor according to the Student Nurses Handbook and/or measures that were reviewed by the didactic or clinical instructor at the beginning of the term.
- Clinical faculty will advise the didactic instructor of any clinical absences within one week of the absence either by telephone or email.
- The absent student will register for the clinical make-up course online within one week of the clinical absence or when the course is available on Web Advisor.
- The absent student will present the didactic instructor with a copy of the registration form for the clinical make-up course within one week of the clinical absence or when the course is available on Web Advisor.
- Upon completion of the clinical make-up, the clinical instructor will notify the didactic instructor that the student has successfully completed the clinical make-up via email or telephone.

**A failing/incomplete grade shall be awarded should the student not satisfy the clinical requirements for the course.**

## **Health/Medical Insurance and Emergency Care**

The College, Division or Program does not provide health and medical insurance for students. The student is responsible for all costs associated with any medical procedure and for maintaining health and medical insurance while enrolled in the program. Some clinical education settings will require that all students attending the facility provide proof of medical insurance. Students attending these clinical education settings must comply with this condition of mutually agreed affiliation between the clinical education settings and HCC. Each student should check his/her personal health insurance policy to ensure that she or he is covered by the policy for illness or injury resulting from the clinical experience.

In the event a student requires emergency treatment in a clinical setting, the affiliate will provide such treatment according to the conditions of the affiliation agreement between the College and the hospital/affiliate. The affiliate reserves the right to bill the student for such emergency treatment. The student is liable for any medical expenses incurred in the clinical setting from any emergency medical treatment administered. Students at clinical education settings are subject to contracting a disease or incurring bodily injury as a result of activities in the affiliate. Thus, students assume the risk of disease or bodily injury and acknowledge that the College is not responsible for any damages arising from participation in clinical education settings.

## CHEATING AND PLAGIARISM

### **From the Nursing Student Policy Manual (Revised 6-5-02):**

The attributes of honesty, personal integrity and accountability are expected in the nursing profession.

Students shall not attempt to deceive or mislead an instructor from their assessment of an honest and equitable grade. **All** forms of academic dishonesty including, but not limited to cheating on examinations, plagiarism, and falsification of information (including tampering with on-line sources) will call for discipline and may result in termination from the nursing program. You will be awarded an "F", failing grade, for cheating in this course.

## CLASSROOM COURTESY

Please be courteous to your fellow classmates by turning off your cell phones during class. Texting and talking on the phone or to other students during class time is distracting to the classroom instructor as well as the rest of the students.

## NURSING WEBSITES

You may find the following websites useful during and after this course. You will also find other interesting links from these sites.

1. Stanford School of Medicine.

<http://newborns.stanford.edu/PhotoGallery/GalleryIndex.html>

This is a website intended for Stanford University nursing and medical students. The website shows a wide variety of newborn characteristics. It also boasts pictures of newborns with normal and abnormal medical conditions.

2. The Student Nurse Information Center.

<http://www.nurse-center.com/studentnurse/nur4.html>

The primary purpose of this website is to provide student nurses with links to other resources on the internet. There is an area devoted to medication calculations. Contact information for state boards of nursing is also available from this site.

Maternal and Child Health Bureau. [www.mchb.hrsa.gov/](http://www.mchb.hrsa.gov/)

Last visited 12-3-05

This federally sponsored web site contains massive amounts of information specifically related to maternal child health issues. Current research programs and how to apply for available grants for future projects is on this site. Statistics on live birth rates, perinatal morbidity and mortality, AIDS in women and children, and even current breastfeeding trends can be found. The information is presented in written and graphic formats that can be used for a variety of reasons by students.

3. The Student Nurse Information Center. [www.nurse-center.com/studentnurse/nur4.html](http://www.nurse-center.com/studentnurse/nur4.html) Last visited 12-3-05

The primary purpose of this website is to provide student nurses with links to other resources on the internet. Website links and journals are arranged by nursing specialty. There is an area devoted to quick facts such as arterial blood gas results and a review of medication calculations. Contact information for state boards of nursing is also available from this site.

4. National Organization for Associate Degree in Nursing. [www.medi-smart.com/assoc-adn.htm](http://www.medi-smart.com/assoc-adn.htm) Last visited 12-3-05

This is a site devoted to associate degree (ADN) registered nurses (RN). There are statistics on the number of ADN nurses in practice and their state board exam passage rates as compared to those prepared in hospital programs and 4 year universities. Issues specifically related to ADN nursing practice are included such as articles in the media indicating bachelor degree nurses provide better nursing care, an obvious concern of ADN nurses. Upcoming conferences and other continuing education offerings can be found here.

5. Medline plus Health Information. [www.nlm.nih.gov/medlineplus](http://www.nlm.nih.gov/medlineplus) Last visited 12-3-05

This site is sponsored by the U.S. National Library of Medicine and the National Institutes of Health. The information is intended for the general public, but can be of use to nursing students as well. There are over 650 health topics presented. There is a very thorough list of prescription and over the counter medications. Regional directories for health care providers, physicians, dentists, and hospitals, is included. An interactive tutorial with over 65 slide shows, complete with audio self assessment quizzes can be found at this site. For those interested in research they can find information on current clinical trials for medications and treatments of specific disease processes. Federal government and privately sponsored projects are included.

6. Nursing Spectrum. [www.nursingspectrum.com](http://www.nursingspectrum.com) Last visited 12-3-05

Nursing spectrum is a website operated by a registered nurse communications company. They have 10 regional magazines, with the same name, in print as well. The website has information on continuing education and employment opportunities. An area devoted to student nurses has specific information and links to financial aid offerings. There is an area devoted to school survival tips, interviewing techniques, and how to manage ones career and achieving job success. Finally there are links to many sites of interest to nurses and students.

7. Nurse Week. [www.nurseweek.com](http://www.nurseweek.com) Last visited 12-3-05

This is a free website for nurses. It offers current articles and continuing education offerings. The clinical information area offers an easy to use interactive medication calculator. It also has recent medical updates and current flu and pollen reports. There is an interesting area in the news category where nurse leaders are interviewed about their nursing careers as well as their opinions about nursing's past, present and future. Career resources and continuing education offerings, online and on-site, are also available on this site.

8. The National Women's Health Information Center. [www.4woman.gov](http://www.4woman.gov) Last visited 12-3-05

This website is sponsored by the U.S. Department of Health and Human Services. It has valuable data for lay persons and healthcare professionals. There is a pull-down site specifically for healthcare professionals. Publications, continuing education, women's health statistics, drug resources and clinical trials can be found here. Of interest to me is an area with data about medications in pregnancy. They provide the usual information and the specifics about the effects in pregnancy, adverse and benign.

9. Laleche League International. [www.lalecheleague.org/](http://www.lalecheleague.org/)  
Last visited 09-07-05

This website is dedicated to promoting human lactation. There is information for parents and professionals. There are articles about lactation and upcoming conferences on this site. You will also find references to other sites for additional information.

10. American College of Nurse Midwives. <http://www.midwife.org/>  
Last visited 12-3-05

This website also has useful information for the nursing professionals and lay persons. There is information about pregnancy, labor and delivery and the controversial VBAC procedure. You will also find data found in the latest journals such as how to prescribe and decide if hormone replacement therapy is appropriate for you and your patients.

11. VARK-A guide to Learning Styles. <http://www.vark-learn.com/english/index.asp>  
Last visited 09-07-05

This site is an interactive site where you can investigate your own learning style. You are able to take a brief questionnaire and receive feedback in what may be your best learning style. You might have a combination of styles. Hopefully, you could use this information to organize your studying for this and other classes.

12. National Institutes of Health. [www.nih.gov](http://www.nih.gov)

Last visited 12-3-05

This website has invaluable information for the student nurse and lay person. You can access Medline from this link. You can research current research trials and much more medical information.

13. Susan G. Komen Breast Cancer Foundation. [www.komen.org](http://www.komen.org)

Last visited 12-3-05

This website will be of particular interest for the cancer patient, survivors and health professionals. Volunteer opportunities as well as research, and fund raising can be found here.

14. Centers for Disease Control and Prevention. [www.cdc.gov](http://www.cdc.gov)

Last visited 12-3-05

This website contains valuable information for the student nurse and lay person. Many statistics can be located here. Health conditions can be researched at this site.

15. Medical Mnemonics <http://www.medicalmnemonics.com/cgi-bin/browse.cfm>

Last visited 12-3-05 and under revision, may or may not be in working order

This website provides free mnemonics or acronyms to help memorize the fine points of human anatomy, physiology, and a variety of medical disciplines. There are mnemonics to memorize cranial nerves, pathways for traveling sperm, and causes of postpartum hemorrhage to name a few. The software may be downloaded for free. This site allows students from many disciplines to share what has helped them to remember large amounts of complex information. New additions may be added to the site by visitors and each entry can be reviewed as well.

16. [http://owl.english.purdue.edu/handouts/research/r\\_apa.html#Your%20Reference%20List](http://owl.english.purdue.edu/handouts/research/r_apa.html#Your%20Reference%20List)

Last visited 12-03-05

This is a site for Perdue University students. You may find it helpful in using the APA format for the references on your careplan. APA format is used by upper level nursing programs as the acceptable method of documentation on papers. If you are continuing on it will be a good idea to be familiar now. There are also several other links from this site if you need more detailed APA information.