



Basic Course Information

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| Semester: | Spring 2023 | Instructor Name: | Suellen Encinas, MSN-Ed, RN Cristal Mora MSN, RN, PHN |
| Course Title & #: | VN 120: The Maternity Cycle | Email: | suellen.encinas@imperial.edu cristal.mora@imperial.edu |
| CRN #: | | Webpage (optional): | Imperial.edu |
| Classroom: | 2100 Building | Office #: | 760-355-6348 (Nursing Office) |
| Class Dates: | 02/13/23 – 04/06/23 | Office Hours: | M & T: 3:30-4:30 PMW & TH: 1:15 -2:15pm |
| Class Days: | M T W TH | Office Phone #: | 760-355-6348 (Nursing Office) |
| Class Times: | Encinas: M & T: 0645-1900 W & TH: 0800-1305 | Emergency Contact: | 760-355-6348 (Nursing Office) |
| Units: | 5.50 | Class Format: | Classroom |

Course Description

The nursing process is used to assess the needs of and devise a plan of care for the pregnant woman throughout the maternity cycle in an integrative, family-centered approach. Consideration is given to the physiological, psychosocial, cultural, and economic factors which have an impact on the mother, infant, and the family as a whole. Course content is focused on the normal responses to pregnancy; however, common disorders of the ante- intra- postnatal periods are presented. The neonate is viewed from a normal perspective, with disorders common to the newborn also presented. Concurrent classroom and clinical experiences are provided in selected settings.

Course Prerequisite(s) and/or Corequisite(s)

VN 112 with a grade of "C" or better

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Demonstrate a physical assessment on a postpartum patient and record the information appropriately.
2. Demonstrate safe medication, (except IV) administration in a clinical setting.
3. Develop and present a major maternal/child health teaching project.
4. Demonstrate a physical assessment on a newborn and document the information appropriately.



Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Identify special problems and/or factors that impinge on the normal childbearing cycle for the adolescent and older woman.
2. Discuss the nurse's role relative to abortion, contraception, sterilization, infertility, and genetic counseling.
3. Apply the nursing process in caring for the antepartum, intrapartum and postpartum patient.
4. Identify common disorders of pregnancy (ante), labor and delivery (intra), and the puerperal (postpartum) periods and implement evidence-based nursing actions to assist the patient.
5. Identify emotional needs of the expanding family and implement therapeutic measures to meet those needs.
6. Develop a teaching plan to assist the new mother to meet nutritional needs during pregnancy and breast feeding.
7. Describe the physiological changes that occur in infants from intra-uterine to extra-uterine life.
8. Perform a comprehensive assessment of women of childbearing age and of the neonate, identify deviations from normal, health risks, and implement evidence-based nursing measures/interventions.
9. Identify common disorders of the newborn and the family.
10. Implement evidence-based nursing interventions to promote maternal-paternal-infant bonding.
11. Develop an individualized, evidence-based plan of care that demonstrates an appreciation of a woman's and newborn's cultural, spiritual, and developmental variations and makes recommendations for the adoption of health- promoting behaviors.
12. Collaborate as a member of the interdisciplinary health care team and act as a patient advocate in the provision of quality care that promotes patient safety for women of childbearing age and newborns
13. Integrate knowledge of pharmacology, pathophysiology, and nutrition as well as concepts from previous nursing courses and evidence-based practice to the care of women of childbearing age and newborns
14. Acknowledge the value of informational technologies and evidence-based practice by integrating both into practice, when communicating with health care team, and in documentation
15. Provide health and safety related education to patients and their families while recognizing the nurse's role in education, reporting patient safety or quality care concerns
16. Use organizational, prioritization, and decision-making skills when providing care to childbearing women and newborns in selected settings
17. Provide care to women of childbearing age and newborns while adhering to ethical and legal standards and maintaining accountability and responsibility for care provided.

Textbooks & Other Resources or Links

Required Textbooks:

Textbook: Ricci, Maternity & Pediatric Nursing, Walters Kluwer/Lippincott Williams & Wilkins.

Workbook: Ricci, Maternity & Pediatric Nursing, Walters Kluwer/Lippincott Williams & Wilkins.

Lynn, Taylor's Clinical Nursing Skills

Ackley and Ladwig's Nursing Diagnosis Handbook. An evidence-based guide to care planning. 13th edition. Mosby Publisher. ISBN 0323776833

ATI Textbooks

Recommended:

Taber's Cyclopedic Medical Dictionary, F.A. Davis.

Web Resources:

ATI Nursing Education: <http://www.atitesting.com>

The Point: Student book resources: <http://thepoint.lww.com/student>

Association of Women's Health, Obstetric and Neonatal Nurses: <https://www.awhonn.org> American College of Obstetricians and Gynecologists: <https://www.acog.org>

March of Dimes: marchofdimes.org

La Leche League International: <https://www.llli.org>

Course Requirements and Instructional Methods

VN 120 The Maternity Cycle is a 5.5-unit course.

During this eight (8) week course, clinical experiences will be simulated in the Imperial Valley College Nursing Skills Laboratory and may include experience in an acute care setting.

Reading and Writing:

- Read assigned chapters in textbooks, develop care plans, accurate documentation by completing charting exercises to participate in data collection.
- Audio Visual: DVD of skills required for successful course completion.
- Computer Assisted Instruction: Internet research, case study.
- Demonstration: skills required for successful course completion
- Discussion: Related topics on Nursing Fundamentals and skills
- Group Activity
- Lab Activity: Assessment Skills; Nursing Fundamental Skills; Check-off demonstrations.
- Lecture; Power-point
- Simulation/Case Study: Nursing skills and Vital signs

Two (2) hours of independent work done out of class per each hour of lecture or class work, or 3 hours lab, practicum, or the equivalent per unit is expected.

ASSIGNMENTS:

Class Activities:

Class participation and discussion, presentations, unit exams, pop quizzes, calculation exam and Final exam.

Out-of-class Assignments:

Reading assignments from required textbooks listed for this course (see text book list), and the pharmacology text used in the pharmacology course. Writing assignments will reflect the objectives listed and may include, but not be limited to, care plans, concept-mapping, drug cards, short essays, and/or professional papers. CD/DVD viewing, internet, research evidence-based articles Additional reference materials will be available in the nursing learning center. Outside assignments may include, but not limited to, nursing lectures or in-services offered by local health facilities, independent exercises, and learning center activities.

Clinical/ Simulations Assignments:

Clinical/simulations assignments will include preparing for clinical by practicing and demonstrating skills in a check-off simulation, obtaining patient data, reviewing medication information. Clinical hours will be spent demonstrating proficiency in nursing skills and patient care in the clinical lab setting. Written post-assignments will relate to clinical experience and may include but not be limited to care plans, case studies, documentation exercises. Clinical sites may include hospitals, clinics, simulation lab.

Simulations:



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Simulations are a safe learning environment where all students will have the opportunity to interact within a structured scenario. Simulations will be utilized during this class and simulation materials will be handed out during the semester. All advance assignments must be completed before the start of class. Failure to complete the pre-assignment will prevent the student from attending the class for the day and results in a clinical absence.

Plagiarism and cheating policies noted in the student handbook and IVC policies will be strictly enforced. Students are expected to develop original work for this course. It is recommended that students visit the college library to become acquainted with the research tools available.

Instructional Method:

- Audio Visual: DVD of skills required for successful course completion.
- Computer Assisted Instruction: Internet research, case study.
- Demonstration: skills required for successful course completion
- Discussion: Related topics on Maternal/Child nursing and skills
- Group Activity
- Lab Activity: Assessment Skills; Maternal/infant Nursing Skills; Check-off demonstrations
- Lecture: power-point, flipped classroom
- Simulation/Case Study: Nursing skills postpartum and newborn assessment

Course Grading Based on Course Objectives

Students must maintain a “C” average grade as determined by the scale below. Grades will not be “rounded”. To advance to the next semester, a “C” or better is required in this course.

A = 93-100%

B = 85-92%

C = 78-84%

F = Below 78%

All of the following must be attained to successfully pass this course:

1. Final Theory Exam score must be passed at a 78%.
2. Clinical grade must be a total equivalent of 78% or greater based on all points accumulated.
3. Theory (exams) grade must be a total equivalent of 78% or greater.
4. Dosage Calculation quiz must be passed with a 92% on the first attempt.
5. Attendance requirements as noted below must be met.
6. Less than 3 unsatisfactory clinical work must occur.
7. Final clinical evaluation must show all categories as “Adequate” or “Satisfactory”.

Final Course Grades must be 78% (‘C’) or better, based on ALL the following:

1. All finals will be passed with a score of 78% or
2. The theory portion must be passed with a score of 78% or higher
3. The clinical portion must be passed with a score of 78% or higher (satisfactory)

Clinical evaluation: Clinical evaluation will be done on an ongoing basis with a student required to meet “adequate” or “satisfactory” in all areas to pass the course. Evaluation is based on written assignments, adherence to nursing standards of care, QSEN competencies, and professional performance. An unsatisfactory clinical may be given based on the same standards of care and professional performance and will require remediation in the learning center. Three unsatisfactory



grades given in clinical or failure to meet the clinical objectives will result in failure of this class regardless of the overall grade.

Calculation Exam: As a measure of clinical safety, a dosage calculation exam will be given. The dosage calculation exam will have 25 questions. The student must obtain a score equivalency of 92% or better to pass the test and continue in the class. The score will not be included in the grade point average for this class; it is a pass/fail assignment. If the student is unsuccessful on the third attempt taking the math exam, the student will not be allowed to progress to the next semester. The student will receive a grade of “F” in the current nursing course if the third attempt occurs after the last day to drop with a “W”. Any follow-up exams will take place outside of regularly scheduled clinical hours.

Schedule and total points available may change at the discretion of the instructors, considering the progress of students with the materials. Any change will be announced in class or via email through Canvas. Students are held responsible for all materials covered in the syllabus and for any changes that are announced in class or by email.

ATI testing: Maternal/Newborn nursing is a part of the VN 120 course. Students are responsible for reading all material in the ATI Nursing Fundamentals book prior to the assigned test date.

Evaluation: To evaluate a student’s ability to provide patient safety and to demonstrate clinical competence, students must be present in clinical. Absenteeism and/or tardiness beyond the maximum allowed will result in being dropped from VN 120. This will result in a “W” grade if before the drop date and “F” if after that date.

Student will arrange to meet with the faculty member if a grade falls below 82%. Faculty can be reached in person, by email, or during office hours to discuss grades or other classroom or clinical matters.

The student is responsible for withdrawing (W) from the class before the deadline as outlined on your registration forms. Failure to pass this class will affect your ability to progress to the next semester. Students failing or withdrawing must complete a Petition to Re-Enter.

Pharmacological Dosage Calculation Exam:

Purpose: Patient safety is the institution’s utmost priority; each student will be required to take and successfully demonstrate competence (pass) a drug calculations exam each semester.

Minimum requirements:

- 10 - 25 questions / calculations appropriate to the level of each semester
- Student must show their work
- Pass with a score of 92 % or higher. The score is not included in the grade point average for the course as it is a pass/fail assignment.
- Time limits assigned as appropriate to the number of questions.
- Correct units must be stipulated to count as correct: i.e. ml/hr, units/hr, etc.
- The student is allowed three (3) attempts to pass
- Students who do not pass with a 92% on the first attempt must pass with a 96% on the second attempt.
- If the student does not pass on the second attempt, the student must pass with a 100% on the third and final attempt.
- Students who do not pass after the first or second attempt:
 1. Must seek tutoring from faculty, math department and/or computerized software in the nursing learning center.
 2. Cannot administer any medication in a clinical setting.
 3. If the student is unsuccessful on the 3rd attempt, the student cannot progress to the next nursing course.

1. Course Policies

[LVN 2019-20 Student Handbook.pdf](#)

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit <http://www.imperial.edu/studentresources> or click the heart icon in Canvas.

Additional Course Information: Clinical Objectives

Module A-1: Psychosocial, Cultural, Statistical, Legal, and Ethical Issues of Contemporary Maternal-Newborn Care

- a. Include psychosocial and cultural data in your assessment of each patient.
- b. Discuss cultural aspects of pregnancy with assigned patients to assess their impact on the ante, intra, and postnatal behavior of the mother, of the family.
- c. Design nursing interventions that reflect sensitivity to psychosocial and cultural uniqueness of everyone.

Module A-2: Psychosocial and Cultural Responses to Special Reproductive Problems of Infertility and Genetic Disorders. Conception and Fetal Development

- a. Prepare a teaching plan that will inform the patient in areas the patient lacks knowledge. Include available community resources.
- b. Discuss in post-conference differences in patient knowledge/responses according to age, psychosocial and cultural background.

Module B-1: The Nursing Process Applied to Antepartum Care

- a. Assess the prenatal care received by assigned patients. Compare it to the ideal prenatal care discussed in class.
- b. Establish the EDC of assigned patients using the data collected in nursing history.
- c. Participate in as many prenatal examination procedures as possible.
- d. Begin procedures to follow a patient through prenatal, perinatal and postnatal periods.
- e. Evaluate the nutritional background of assigned patients for appropriateness.
- f. Compare attitudes expressed by patients toward pregnancy in terms of age, psychosocial factors and cultural background.

Module B-2: Pregnancy at Risk: Pre-gestational and Gestational Onset Disorders: Assessment of Fetal Well- Being.

- a. When possible, assess, plan and implement care for a patient who has been determined to have one or more high risk factors.
- b. Compare the prenatal progress of a normal pregnancy with one having a complication discussed in this module.
- c. Discuss your feelings when caring for a patient who has or has had a complication of pregnancy.
- d. When possible, assess the reaction of the family to the possibility or existence of a complication of pregnancy.
- e. When possible, observe a patient undergoing ultrasound exam.

Module C-1: The Nursing Process in Labor and Delivery, Intra-Partum Nursing Assessment, and Needs and Care of the Family in Childbirth.

- a. Identify normal fetal heart tones, the purpose of fetal heart monitoring and signs of fetal distress.
- b. Using accurate hand placement, determine onset, duration, strength, and frequency of assigned patient's contractions.
- c. Provide comfort and relaxation measures for the patient in the various stages of labor.

- d. Distinguish between "true" and "false" labor.
- e. Assist staff nurse to set up the delivery room.
- f. When possible, observe a vaginal delivery and/or C-Section
- g. Provide nursing actions to mother and neonate immediately post-delivery.
- h. Palpate and massage uterine fundus as directed by the nursing staff.
- i. Palpate the urinary bladder during the fourth stage of labor.
- j. Discuss the birthing experience with your patient. Discuss, in post-conference, her feelings and your feelings.
- k. Admit an OB patient to a Labor Room
- l. Perform (VN: Verbalize) a general assessment of a patient in labor to determine labor progression.

Module C-2: The Nursing Process in the Care of the Intrapartum Woman and Family at Risk. Maternal Analgesia and Anesthesia.

- a. Perform nursing care for a patient in labor; when possible, follow through delivery.
- b. Assist staff nurse as possible with a delivery.
- c. Describe immediate neonatal care in the delivery room.
- d. Discuss student's feelings about the birthing process in post-conference.
- e. Identify behaviors you feel are cultural responses in origin. Consider the behaviors of staff or patients.
- f. Discuss alternative settings for childbirth, react to advantages and disadvantages of each.
- g. Identify common instruments used in delivery room.
- h. Assist and observe Apgar and Dubowitz scoring on the newborn in the delivery room and nursery.
- i. Recite procedures completed on the neonate immediately after

Module D-1: The Nursing Process during the Puerperium

- a. Assess, plan, and implement care for an assigned postpartum patient.
- b. Assess the diet needs of a lactating mother. Contrast with a non-lactating mother.
- c. Contrast similarities and dissimilarities of primiparous and multiparous patients in terms of nursing care needs.
- d. Prepare a teaching plan for new mothers. Include aspects of care for the mother and the newborn.

Module D-2: Disorders of the Puerperium

- a. Assess, plan, and implement care for a patient post-C-Section or a patient with a post-partum complication.
- b. In post-conference, discuss nursing actions appropriate to a variety of postpartum complications and give rationale for each.

Module E: The Nursing Process in Caring for a Normal Newborn

When possible, assist staff nurse with admission care given immediately after delivery and transition care.

- a. Assist with daily physical care to a newborn
- b. Discuss parent/infant bonding with mother and father when possible
- c. Assess a newborn's gestational age/maturity rating using form in nursery
- d. Assist a new mother to begin breast feeding.
- e. Using Handout, Newborn Assessment Skills, assess a newborn.
- f. Demonstrate the following skills:
 - Measuring temperature, apical heart rate, respiration, and weight
 - Measurement of head and chest
 - Palpation of fontanelles, sutures
 - Movement of joints

Module F: The Nursing Process in Caring for the Newborn at Risk



- Compare nursing actions in the care of a normal newborn and a high-risk infant and write a nursing care plan or other required clinical assignment on one infant.
- Discuss the nursery environment in terms of temperature, infectious organisms, and sound.
- In post conference, discuss emotional support needed by parents of a high-risk infant; discuss the pathology, treatment, and nursing interventions of a commonly seen problem of a high-risk infant.

| Anticipated Class Schedule/Calendar | | | | | |
|-------------------------------------|-------------|---------------------------|----------|--|--|
| Week 1 | | | | | |
| Date | Instructor | Instructor | Location | Description | Assignment |
| Monday 02/13/23 | 0800 - 1630 | Encinas: Lab 2 Mora | 2110 | Orientation GENERAL ORIENTATION VN120 8-12PM (TBA) ECRMC ONBOARDING ORIENTATION 1300-1600 Care Plan Review Next-Gen testing overview | |
| Tuesday 02/14/23 | 0800-1630 | Encinas Mora | 2110 | Childbirth Prep Postpartum & Newborn Assessment | Pre-Clinical Assignment Head to toe assessment ATI & Hands-on |
| Wednesday 02/15/23 | 0800-1305 | Encinas & Mora | 2110 | Mod. A1 | Ricci Ch. 1, 2, & 9 ATI Maternal Child |
| Thursday 02/16/23 | 0800-1305 | Encinas & Mora | 2110 | Mod. A2 | Ricci Ch. 3, 4, & 10 ATI Maternal Child |

| Week 2 | | | | | |
|-----------------------|-------------|-------------------|----------|---|--|
| Date | Time | Instructor | Location | Description | Assignment |
| Monday 02/20/23 | Holiday | | | | |
| Tuesday 02/21/23 | 0800 - 1630 | Encinas Mora | TBD | Clinical | Review Surgical Asepsis ATI |
| Wednesday 02/22/23 | 0800-1305 | Encinas & Mora | 2110 | Quiz #1 (Mod. A-1 & A-2) Mod. B1 Teaching Project: Group selection & Topic Due | Ricci Ch. 11 & 12 ATI Maternal Child |
| Thursday 02/23/23 | 0800-1305 | Encinas & Mora | 2110 | Dosage Calculation Test | Ricci Ch. 19 & 20 |



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| | | | | Mod. B2 | ATI Maternal Child |
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| Week 3 | | | | | |
|-----------------------|---|----------------|----------|--|---|
| Monday 02/27/23 | Encinas: IVC Lab 2 from 0800-1200 Mora: PMH OB 0645-1900 | | | | |
| Tuesday 02/28/23 | Encinas: PMH OB 0645-1900 Mora: IVC Lab 2 from 0800-1200 | | | | |
| Date | Time | Instructor | Location | Description | Assignment |
| Wednesday 03/01/23 | 0800-1305 | Encinas & Mora | 2110 | Quiz #2 (Mod. B- 1 & 2) Mod. C1 | Ricci Ch. 13 & 21 ATI Maternal Child |
| Thursday 03/02/23 | 0800-1305 | Encinas & Mora | 2110 | Mod. C2 | Ricci Ch. 14 & 21 ATI Maternal Child |

| Week 4 | | | | | |
|-----------------------|---|----------------|----------|---------------------------------------|---|
| Monday 03/06/23 | Encinas: IVC Lab 2 from 0800-1200 Mora: PMH OB 0645-1900 | | | | |
| Tuesday 03/07/23 | Encinas: PMH OB 0645-1900 Mora: IVC Lab 2 from 0800-1200 | | | | |
| Date | Time | Instructor | Location | Description | Assignment |
| Wednesday 03/08/23 | 0800-1305 | Encinas & Mora | 2100 | Quiz #3 (Mod. C1 & C2) Mod. D1 | Ricci Ch. 15 & 16 ATI Maternal Child |
| Thursday 03/09/23 | 0800-1305 | Encinas & Mora | 2100 | Mod. D2 | Ricci Ch. 22 ATI Maternal Child |

| Week 5 | | | | | |
|-----------------------|---|----------------|----------|--------------------------------------|---|
| Monday 03/13/23 | Encinas: IVC Lab 2 from 0800-1200 Mora: PMH OB 0645-1900 | | | | |
| Tuesday 03/14/23 | Encinas: PMH OB 0645-1900 Mora: IVC Lab 2 from 0800-1200 | | | | |
| Date | Time | Instructor | Location | Description | Assignment |
| Wednesday 03/15/23 | 0800-1305 | Encinas & Mora | 2100 | Quiz #4 (Mod. D1 & D2) Mod. E | Ricci Ch. 17 & 18 ATI Maternal Child |
| Thursday 03/16/23 | 0800-1305 | Encinas & Mora | 2100 | Mod. E Cont. | Ricci Ch. 17 & 18 ATI Maternal Child |



| Week 6 | | | | | |
|-----------------------|--|----------------|----------|---|--|
| Monday 03/20/23 | Encinas: IVC Lab 2 from 0800-1200 Mora: PMH OB 0645-1900 | | | | |
| Tuesday 03/21/23 | Encinas: PMH OB 0645-1900 Mora: IVC Lab 2 from 0800-1200 ATI Test Taking Strategies Seminar | | | | |
| Date | Time | Instructor | Location | Description | Assignment |
| Wednesday 03/22/23 | 0800-1305 | Encinas & Mora | 2100 | Quiz #5 (Mod. E) Mod. F | Ricci Ch. 23 & 24 ATI Maternal Child |
| Thursday 03/23/23 | 0800-1305 | Encinas & Mora | 2100 | ATI PN Maternal Newborn Mod. F Cont. | Ricci Ch. 23 & 24 ATI Maternal Child |

| Week 7 | | | | | |
|-----------------------|---|----------------|----------|-----------------------------------|-----------------|
| Monday 03/27/23 | Encinas: IVC Lab 2 from 0800-1200 Mora: PMH OB 0645-1900 | | | | |
| Tuesday 03/28/23 | Encinas: PMH OB 0645-1900 Mora: IVC Lab 2 from 0800-1200 | | | | |
| Date | Time | Instructor | Location | Description | Assignment |
| Wednesday 03/29/23 | 0800-1305 | Encinas & Mora | 2100 | Teaching Project Presentations | Study for final |
| Thursday 03/30/23 | 0800-1305 | Encinas & Mora | 2100 | Teaching Project Presentations | Study for final |

| Week 8 | | | | | |
|-----------------------|---|----------------|----------|----------------------|-----------------|
| Monday 04/03/23 | Encinas: IVC Lab 2 from 0800-1200 Mora: PMH OB 0645-1900 | | | | |
| Tuesday 04/04/23 | Encinas: PMH OB 0645-1900 Mora: IVC Lab 2 from 0800-1200 | | | | |
| Date | Time | Instructor | Location | Description | Assignment |
| Wednesday 04/05/23 | 0800-1305 | Encinas & Mora | 2100 | Comprehensive Review | Study for final |
| Thursday 04/06/23 | 0800-1305 | Encinas & Mora | 2100 | Final Exam | |

Subject to change without prior notice