

**Imperial Valley College
Health and Public Safety Division
Spring 2014**

VN 120 - The Maternity Cycle

I. Course Description:

The nursing process is used to assess the needs of and devise a plan of care for the pregnant woman through the maternity cycle. Consideration is given to the physiological, psychosocial, cultural and economic factors which impact on the mother, infant, and family. Concurrent classroom and clinical experiences are provided.

II. Texts:

A. Required

1. Ricci, Maternity & Pediatric Nursing, 1st ed., Walters Kluwer/Lippincott Williams & Wilkins, 2009
2. Lynn, Taylor's Clinical Nursing Skills, 2nd
3. Taber's Cyclopedic Medical Dictionary, 21 ed., F.A. Davis, 2009
4. Doenges, et al, Nursing Care Plans with disk, 6th ed, F.A. Davis, 2002

B. Recommended

1. Ricci, Study Guide for Ricci & Kyle's Maternity & Pediatric Nursing, Walters Kluwer / Lippincott Williams & Wilkins, 2009
2. Doenges, Nursing Care Plans, F.A.Davis, 2006

III. Prerequisites:

VN 110,112,114,116 or permission of instructor.

IV. Course Requirements:

A. Hours

VN 120, The Maternity Cycle, is a 5.5 unit course. It is divided into theory and clinical components as follows:

	<u>Units</u>	<u>Hours</u>
Theory Lecture	2	36
Skills Lecture	<u>.5</u>	<u>9</u>
	2.5	45

Clinical	2.5	135
Skills Laboratory	<u>.5</u>	<u>27</u>
	3.0	162

During this eight (8) week course, clinical experiences will be divided between obstetrical services and the newborn.

B. LVN Program Grading

The Licensed Vocational Program complies with the Imperial Valley College grading policies in the current catalog **and** the LVN program grading policy as outlined.

- 1.) All assignments are graded on the following scale and grades are **not** rounded.

A = 92%-100%

B = 83%-91%

C = 75%-82%

D = 68%-74%

F = Below 68%

F = **When the clinical evaluation is unsatisfactory regardless of the theory grade.**

The final examination must be passed with a 75% or a grade of "F" for the course will be issued as outlined in the LVN student handbook.

- * The student is responsible for making an appointment with their instructor any time their grade average drops below 76%.

- 2.) Student must maintain a "C" average in all nursing courses to advance in the program.
- (a.) Both the clinical and classroom aspects of each course must be passed. Failure in either part results in failure of the course and requires re-taking of the entire course.
- (b.) Scoring requirements for successful completion of each course:
- (i) 75% or better of total possible points accumulated from all written work and examinations (overall coursework), and
 - (ii) 75% or better of the total possible points accumulated from the major unit exams as designated in the course syllabi, and
 - (iii) 'Satisfactory' and /or 75% or better in clinical performance, including non-graded written assignments and pre-lab

preparation.

- 3.) Major Unit Exams and Remediation
 - 1.) The student who fails the 1st unit exam shall:
 - (a.) Complete remediation in the Nursing Learning Center with a tutor.
 - (b.) Demonstrate knowledge of those areas identified, by the faculty as being deficient prior to sitting for the next modular exam.
 - (c.) Receive a 0% on any subsequent exam, if non – compliant with remediation.
 - 2.) The student who fails a 2nd unit exam or has an accumulated average less than 75% shall:
 - (a.) Meet with the teaching team
 - (b.) Develop and submit a personal learning contract that includes all items of deficiencies and specific plan for improving test success.
 - 3.) The student who fails a 3rd unit exam **or** has an accumulated average less than 75% shall:
 - (a.) Meet with the teaching team to consider withdrawal from the nursing program.
 - (b.) If the drop date has passed, the student will meet with the teaching team regarding the possible failure of the nursing course.

4.) ALGORITHM FOR DIAGNOSTIC EXAMS (ATI):

- (a.) Refer to LVN Handbook for information.
- (b.) Scores will be considered as a unit exam.

C. Clinical and Skills Laboratory Performance Grading:

1. Clinical and skills laboratory performance will be determined on a satisfactory or unsatisfactory basis.
 - a. Receive one unsatisfactory in clinical/skills laboratory, complete a NLC referral (remediation) established by the instructor prior to the next clinical/skills laboratory.
 - b. If a second clinical/skills lab is "unsatisfactory", complete NLC referral (remediation) established by the instructor prior to the next clinical/skills lab.
 - c. Receive a third "unsatisfactory" in clinical/skills lab, student will meet with the teaching team to consider dismissal from the nursing course. Please bear in mind that two or three "unsatisfactory" clinical/skills lab performances could be received in one day.
 - d. A formal clinical evaluation will be conducted by the clinical instructor at the completion of each 4 week rotation. A comprehensive classroom and clinical evaluation will be

completed by the clinical instructor in conjunction with the team leader at the completion of the eight-week course.

- e. When a care plan is returned to a student with an unsatisfactory grade, the student is expected to correct the plan within the designated time frame and return it to the instructor. If a student fails to correct the care plan on time or if the returned plan continues to be unsatisfactory, it will be reflected as unsatisfactory performance for the rotation.

2. Theory, clinical, and skills laboratory requirements must be satisfactorily completed independent of each other in order to successfully complete the course.

D. Grade Components:

1. Theory

- a. A maximum of six (6) Module exams will be given.
- b. One comprehensive final exam will be given.
- c. Other written assignments may be given at the discretion of the instructor. Written assignments will be assigned completion dates by the instructor. Materials handed in late may be given an “unsatisfactory” grade. Written assignment grades will be averaged in with other grades according to the grading scale policy. **All written assignments must be typewritten and follow APA format.**

2. Skills Laboratory

- a. All skills described later in this course must be satisfactorily demonstrated to the instructors or the Nursing Learning Center tutors by the dates designated on the schedule.
- b. Clinical instructor may refer a student back to the skills lab if in his/her judgment more practice on a skill is needed.

3. Clinical

- a. A Student Progress Report form will be given to each student at the beginning of the course. A performance assessment will be conducted at the completion of 4 weeks. A comprehensive evaluation will be conducted at the end.

E. Pharmacological Dosage Calculation Exam:

- 1.) Purpose: Because patient safety is the utmost priority, each student will be required to take and successfully demonstrate competence (pass) a drug calculations exam each semester.
- 2.) Minimum requirements:
 - a.) 10 – 25 questions / calculations appropriate to the level of each semester

- b.) Student must show their work
 - c.) 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.
 - d.) Time limits assigned as appropriate to the number of questions.
 - e.) Correct units must be stipulated to count as correct: i.e. ml/hr, units/hr, etc.
- 3.) The student is allowed three (3) attempts to pass
- a) Students who do not pass:
 - (i) Must seek tutoring from faculty and /or math department and/or computerized software in the nursing learning center.
 - (ii) Cannot administer any medication in a clinical setting, except under the direct supervision of the instructor: ensuring the 5 rights, review of drug action, nursing considerations, calculations, rates, relevant labs and administration with the instructor present.
 - (iii) If the student is unsuccessful of the 3rd attempt, the student cannot progress to the next nursing course.

D. Attendance

1. According to the Imperial Valley College catalog: Regular attendance in all classes is expected of all students enrolled. Instructors are expected to take a student's record into account in computing grades. A student may be excluded from further attendance in a class during any semester when absences after the close of registration have exceeded the number of class hours which the class meets per week. Further, an instructor may drop any student judged to be a disturbing element in the class. However, the attendance policy of the Nursing Program is implemented as follows:
- a. LVN students in the Imperial Valley College Associate Degree Nursing Program are expected to attend all classes and clinical practice assignments. Absences will be limited to the following for the semester:

VN 120: 11.5 hours

A student who reaches the maximum allowable number of hours absent will file a petition to remain in the nursing program. The student will meet with the teaching team to

discuss the situation and will be considered for dismissal. If remediation is considered, the student will be required to match missed hours, in excess of the maximum allowable, with assigned hours of study. These assignments will be based upon the classroom and clinical objectives. The instructor(s) will determine the appropriate type of remediation.

- b. VN students in the Imperial Valley College Vocational Nursing Program are expected to meet the attendance requirements approved by the Board of Vocational Nurse and Psychiatric Technician Examiners as posted on the bulletin board.
- c. Students who are late to class three times in any nursing course will be considered absent for one day. Class includes lecture and clinical.

E. Disabilities

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible.

DSP&S
Room 2117
Health Sciences Building
(760) 355-6312

V. Course Content:

VN 120 - The Maternity Cycle

The Maternity Cycle is considered from pre-conception throughout the childbearing process. Bio-psycho-social and cultural components of conception, pregnancy and birth are presented using the Nursing Process to assess and plan care for the expanding family. The 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.

VI. Course Objectives:

- I. Identify the factors that impinge on the normal maternity cycle:
 - a. Pathophysiology***
 - b. Diagnostic tests
 - c. Pharmacologic agent
 - d. Nutritional requirements
 - e. Teaching/learning needs
 - f. Nursing Interventions
 - g. Growth and Developmental needs
 - h. Coping mechanisms
 - i. Legal/Ethical aspects
 - j. Cultural aspects
 - k. Psychosocial needs
2. Identify emotional needs of the expanding family and implement therapeutic measures to meet those needs.
3. Discuss the nurse's role relative to abortion, contraception, sterilization, infertility and genetic counseling.
4. Apply the nursing process in caring for the antepartal, intrapartal and postpartal patient.
5. Identify special problems of the adolescent and older women in the maternity cycle.
6. Identify common disorders of pregnancy, labor and delivery, and the puerperium and implement nursing actions to assist the patient.
7. Develop a teaching plan to assist the new mother to meet nutritional needs during pregnancy and breastfeeding.
8. Describe the physiological changes that occur in infants from intra-uterine to extra-uterine life.
9. Assess the neonate and implement nursing measures to provide a safe environment.
10. Identify common disorders of the newborn and the family.
11. Implement nursing actions to promote maternal-paternal-infant bonding.

VII. Content Modules:

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

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

Module B-1: The Nursing Process Applied to Antepartal Care.

Module B-2: Pregnancy at Risk: Pregestational-Gestational Onset Disorders.
Assessment of Fetal-Well-being

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

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

Module D-1: The Nursing Process During the Puerperium

Module D-2: Disorders of the Puerperium.

Module E: The Nursing Process in Caring for the Normal Newborn.

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

VIII. Student Learning Outcomes:

1. Upon completion of this course , the student will be able to demonstrate a physical assessment on a postpartum patient and record the information appropriately.
2. Demonstrate safe medication administration in a clinical setting, except IV.
3. Student will develop and present a major maternal/child health teaching project.
4. Applying the nursing process, the student will successfully apply the nursing process in caring for the antenatal, intrapartal & postpartal patient.
5. Student will achieve at least a level one, on the ATI computerized Pharmacology exam.