

Nursing 125
Nursing Process II

I. Course Description:

This course provides theoretical perspective, evidence-based knowledge, and principles needed by students to guide their application of the nursing process for individuals with common physiological alterations. Professional, legal and ethical issues are explored. Using the QSEN competencies, this course builds upon the fundamental concepts introduced in prior courses with a focus on health issues across the lifespan. Clinical opportunities are designed to facilitate application of QSEN competencies in knowledge, skills, and attitude while focusing on health issues during care of diverse populations in a variety of settings. This course focuses on the nursing role as communicator, safe provider of care, patient advocate, and client teacher for individuals experiencing common and/or chronic medical and/or surgical conditions related to surgery, respiratory system, musculoskeletal system, reproductive system, and integumentary system. Maternal-newborn nursing is presented, including antenatal, intrapartal, postpartum, and newborn normal and abnormal adaptation. Components of infusion therapy will also be discussed. Variations in nursing care for individual of different ages, socio-economic and cultural backgrounds will be considered. This course also involves clinical application of theoretical concepts taught in this class, Nursing Process I, and Nursing Skills Laboratory I and II. All aspects of the nursing process will be applied to client situations.

II. A. Prerequisites, if any:

NURS 110	Nursing Process I
NURS 111	Nursing Skill Lab I
NURS 112	Nursing Process Application I
NURS 113	Pharmacology I

B. Co-requisites, if any:

NURS 121	Nursing Skills Lab II
NURS 123	Pharmacology II

III. Student Learning Objectives:

Upon completion of this unit, the student will be able to:

THEORY COMPONENT:

1. Determine the planning, implementation and evaluation of care for the adult, geriatric and pediatric client receiving infusion therapy.
2. Describe principles of physical assessment.

3. Determine the planning, implementation and evaluation of care for the adult, geriatric and pediatric client during the immediate pre and post surgical period.
4. Differentiate history and physical data to determine the client's level of respiratory adaptation and identify appropriate nursing care.
5. Determine actual and potential problems of the upper respiratory system in adult and pediatric clients and plan for health promotion, maintenance or restoration through the implementation of appropriate nursing care.
6. Determine actual and potential problems of the lower respiratory system in adult, geriatric and pediatric clients and plan for health promotion, maintenance or restoration through the implementation of appropriate nursing care.
7. Determine actual and potential problems of the musculoskeletal system in adult, geriatric, and pediatric clients and plan for health promotion, maintenance, or restoration through the implementation of appropriate nursing care.
8. Determine actual and potential problems of the reproductive system, both cancerous and non-cancerous and plan for health promotion, maintenance, or restoration through the implementation of nursing care.
9. Determine actual and potential problems of infertility and genetics.
10. Discuss nursing actions related to the use of contraceptives and the impact of cultural and religious beliefs and socioeconomic factors.
11. Differentiate history and physical data to determine health problems that may interfere with the functions of the integumentary system.
12. Determine actual and potential problems of the integumentary system for adult, geriatric and pediatric clients and plan for health promotion, maintenance or restoration through the implementation of appropriate nursing care.
13. Determine major concepts and conceptual issues underlying nursing care related to pregnancy and infants.
14. Differentiate history and physical data to determine the client's level of adaptation during the maternity cycle.
15. Determine actual and potential problems of pregnancy during the antepartal period and plan for health promotion, maintenance, or restoration through the implementation of appropriate nursing care.
16. Determine actual and potential problems of pregnancy during the intrapartum period and plan for health promotion, maintenance, or restoration through the implementation of appropriate nursing care.
17. Determine actual and potential problems of pregnancy during the postpartum period and plan for health promotion, maintenance, or restoration through the implementation of appropriate nursing care.
18. Determine actual and potential problems of the newborn and plan for health promotion, maintenance, or restoration through the implementation of appropriate nursing care.

19. Determine actual and potential problems associated with the high-risk newborn and plan for health promotion, maintenance, or restoration through the implementation of appropriate nursing care.

CLINICAL COMPONENT:

1. Demonstrate competency in starting and maintaining peripheral infusion therapy
2. Demonstrate ability to administer intravenous fluids and medications, and to hang “piggy-backs” through a peripheral line
3. Assess for complications secondary to IV therapy
4. Demonstrate a head to toe assessment on adult, geriatric and pediatric patients
5. Plan and implement nursing care for an adult, geriatric and pediatric patients preparing for surgery.
6. Plan and implement nursing care for an adult, geriatric and pediatric patients recovering from surgery.
7. Plan, implement, and evaluate nursing care for adult, geriatric and pediatric patients with common and/or chronic adaptive disorders of the respiratory system.
8. Plan, implement and evaluate nursing care for adult, geriatric and pediatric patients with common and/or chronic adaptive disorders of the musculoskeletal system.
9. Plan, implement and evaluate nursing care for adult, geriatric and pediatric patients with common and/or chronic adaptive disorders of the integumentary system.
10. Plan, implement and evaluate nursing care for adult, geriatric and pediatric patients with common and/or chronic adaptive disorders of the reproductive system.
11. Plan, implement and evaluate nursing care for adult, geriatric and pediatric patients with common acute adaptive disorders of the reproductive cancers.
12. Plan, implement, and evaluate nursing care for women and families during the normal maternity cycle.
13. Plan, implement, and evaluate nursing care for women and families during the high-risk maternity cycle.
14. Plan, implement and evaluate care for the normal newborn adaptation.
15. Plan, implement and evaluate care for the high-risk newborn adaptation.

IV. Course Requirements:

A. Hours

Nursing Process II, Nursing 125, is an 8.5 unit theory and clinical course. Lectures are held 4 hours and 30 minutes per week and clinical hours are 13 per week. **Clinical hours may be adjusted to meet the required assignment locations; this may include a clinical rotation at a different time than posted or on a different day. Students are**

responsible for transportation to clinical sites and attendance at all scheduled clinical rotations.

B. Assignments:

Reading, CD/video, and writing assignments are required. Students will be expected to read, understand, and critique information from college level textbooks, nursing journals, or equivalent. The reading list will include texts used in prior nursing courses and those required of this course (see text book list). Additional reading assignments will be required to supplement textbook material. Writing assignments will reflect the objectives listed and may include, but not be limited to, short essays, posters, and/or professional papers. Outside assignments including but not limited to nursing lectures, independent exercises, and learning center activities may be assigned and are required.

Clinical pre-assignments will include preparing for clinical by obtaining patient data, developing a mini-care plan, writing out drug cards or having reviewed PDA drug information, and completing pre-assignments as designated for each clinical area. Clinical hours will be spent providing professional nursing care to assigned patients and observations in various clinical departments. Written post-assignments will relate to the clinical experience and may include but not be limited to care plans, case studies, professional papers, and journal entries. Clinical sites may include hospitals, clinics, schools, and social service agencies.

You must complete all facility requirements, i.e., CPR, immunizations, background checks, etc., prior to clinical rotations. You will not be allowed to attend any clinical hours until this is done. If over the maximum hours of absenteeism because of this, you will be dropped.

Simulations are a safe learning environment where all students will have the opportunity to interact within a structured scenario. Simulations may 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 you 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. It is recommended that you visit the college library to become acquainted with research tools available to you.

C. Methods of Evaluation:

Students must maintain a "C" average grade as determined by the scale below:

A = 92-100%

B = 83-91%
C = 75-82%
D = 68-74%
F = Below 68%

Grades will not be "rounded". To advance to the next semester, a "C" or better is required in this course and the co-requisite courses.

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

- A. Final Theory Exam score must be passed at a 75%.
- B. Clinical grade must total equivalent of 75% or greater based on all points accumulated.
- C. Theory grade must total equivalent of 75% or greater.
- D. Pharmacology math quiz must be passed as described below.
- E. Attendance requirements as noted below must be met.
- F. Less than 3 unsatisfactories in clinical work must occur.
- G. Final clinical evaluation must show all categories as "Adequate" or "Satisfactory".

Testing will include no more than 10 examinations in addition to written, demonstration, and oral assignments, and a final examination. Pop quizzes may be included. **THERE WILL BE NO MAKE-UPS FOR TESTS OR QUIZZES MISSED DUE TO ABSENCE.**

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 in 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.

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". The first exam will be given during clinical hours. 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, taking into account the progress of students with the materials.

ATI testing on Maternal-Newborn nursing is a part of the theory graded section of the NS125 course. Students are responsible for reading all material in the ATI Maternal-Newborn book prior to the assigned test date.

To evaluate a student's ability to provide for 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 NS125. This will result in a "W" grade if before the drop date and "F" if after that date.

You are 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.

D. Attendance:

It is the responsibility of each student to attend all classroom and clinical hours and to contact the faculty person before the start of class of any need to be excused from class. If a student does not contact the faculty member by the assigned time and is absent, a clinical unsatisfactory for professional behaviors will be given. Students are expected to attend all classes. **Absences are limited to 4 hours and 40 minutes of theory and 13 hours of clinical throughout the semester (equivalent to number of hours class meets in one week).** A student who reaches the maximum allowable hours of absenteeism or tardiness may be dropped by the instructor.

Acceptance of absenteeism excuses is at the discretion of the faculty member and may result in failure of the class. A student who reaches the maximum allowable number of hours absent and is not allowed to continue may file a petition to reenter the nursing program. The teaching team will meet with the student to discuss remediation and the possibility of reentry.

Students who are late for class/clinical three times will be considered absent for one day.

V. Methods of Instruction

The appropriate method of instruction will be determined by each instructor and may include, but not be limited to the following: classroom lecture, small group discussions, student presentations, demonstration, simulations, CD or online assisted instruction, audiovisuals, textbooks, handouts, and required reading and assignments.

During all classroom and clinical instruction time, every person will be respected within the group and it is expected that all interactions between students, faculty, and other staff will take place professionally and courteously.

VI. Student Learning Outcomes

Upon completion of this course, the student will be able to:

1. determine actual and potential problems of the maternity cycle and appropriate nursing responses to restore and promote health.
2. plan, implement, and evaluate outcome of nursing care of adult and/or pediatric patients with common problems of the respiratory, surgical, and/or reproductive systems.
3. demonstrate safe medication administration in a simulated or clinical setting.
4. demonstrate critical thinking through development of a nursing care plan on one selected patient in the clinical setting.
5. demonstrate effective verbal and written communication in a clinical setting.
6. plan, implement, and evaluate nursing care of the obstetric and newborn client.
7. demonstrate theoretic knowledge of nursing care for the patient with a respiratory problem.
8. demonstrate professionalism and preparation for effective participation in the clinical setting.

VII. 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
Health Science Building, Room 2117
355-6312

**Books for 2nd semester S13-NS125 and NS121
REQUIRED**

Author	ISBN	Title	Edition	Year	Publisher
Ball Bindler Cowan	9780132111751	Principles of Pediatric Nursing: Caring for Children	5 th	2012	Pearson Prentice Hall
Davidson London Ladewig	9780132109079	Old's Maternal Newborn Nursing & Women's Health across the Lifespan w/CD	9 th	2012	Prentice Hall
Smeltzer	9780781785907	Brunner Textbook of Med-Surg Nursing w/CD (2-vol set)	12 th	2010	Wolters Kluwer LWW
Lynn	9780781793841	Taylor's Clinical Skills	3rd	2011	Wolters Kluwer LWW

RECOMMENDED

Author	ISBN	Title	Edition	Year	Publisher
Hogan	9780132956864	Reviews & Rationales: Maternal Newborn Nursing	3rd	2013	Prentice Hall
Smeltzer	9780781785921	Handbook for Brunners Textbook of Med-Surg Nursing	12 th	2009	Wolters Kluwer LWW
Smeltzer	9780781785945	Brunners Study Guide for Textbook of Med-Surg Nursing	12 th	2009	Wolters Kluwer LWW
Springhouse	9781451108187	NCLEX-RN Maternal Neonatal Nursing Made Incredibly Easy w/CD	1st	2010	Wolters Kluwer LWW
Springhouse	9781605471983	IV Therapy Made Incredibly Easy	4 th	2009	Wolters Kluwer LWW
Fischbach	9780781771948	Manual of Lab and Diagnostic Testing	8 th	2008	Wolters Kluwer LWW

(11/19/12)

Imperial Valley College
Division of Health and Public Safety
Spring Semester 2013

Nursing 125 RN Nursing Process II Schedule (tentative)

DATE	DAY	TIME	DESCRIPTION	INSTR	ASSIGNMENT	ROOM
1/15	Tue	0805-1020	Orientation to NS 125 Unit 1: Physical Assessment: Adult, Pediatrics	Davis	Bring syllabus and schedule B/S: Ch. 4,5, 8, 12 BBC: Ch 5 T: pp. 45-93 Assigned videos, computer programs	2150
1/16	Wed	0805-1020	Unit 1: Physical Assessment: Adult, Pediatrics	Davis	Same as above assignment	2150
1/17 1/18	Thur Fri	0700-1330	Orientation to Clinical and Hospital, care plan instruction, physical assessment practice and evaluation in lab (check-off) 1st Pharmacology Math Post-test	Davis Menvielle	Clinical Guide Be in uniform at hospital orientation and checkoff	ECRMC, PMHD and labs 3/4
1/22	Tue	0805-1020	Unit 1: Physical Assessment: Adult, Peds	Davis	Same as above assignment	2150
1/23	Wed	0805-1020	Units 3&4: Surgical Care	Davis	B/S: Ch. 18-20, 13 (Review pain control) BBC: Ch 11, 15 T: Ch 4, 6 Assigned videos, computer programs	2150
1/24 1/25	Thur Fri	0645-1315	Clinical rotation	Davis Menvielle	See Clinical Guide	PMHD ECRMC
1/29	Tue	0805-1020	Units 3&4: Surgical Care	Davis	Same as previous assignment	2150
1/30	Wed	0805-1020	Quiz #1: Physical Asst, Surgical Care Units 5&6: Respiratory-Adult	Sullivan	B/S: Ch 21-25 T: pp. 69-75, Ch 14 Assigned videos, computer programs	2150
1/31 2/1	Thur Fri	0645-1315	Clinical rotation	Davis Menvielle	See Clinical Guide	PMHD ECRMC

2/5	Tue	0805-1020	Units 5&6: Respiratory-Adult	Sullivan	Same as previous assignment	2150
2/6	Wed	0805-1020	Unit 7: Respiratory: Pediatrics	Sullivan	BBC: Ch 20 and pp. 135-139 T: pp. 69-75, Ch 14 Assigned videos, computer programs	2150
2/7	Thur	0645-1315	Clinical rotation	Davis Menvielle	See Clinical Guide	PMHD ECRMC
2/12	Tue	0805-1020	Quiz #2: Respiratory-Adult Unit 7: Respiratory- Pediatrics	Sullivan	Same as previous assignment	2150
2/13	Wed	0805-1020	Unit 8: Integumentary	Davis	B/S: Ch.55, 56, 57 BBC: Ch 31 and pp. 119-122 T: pp. 57-60 Assigned videos, computer programs	2150
2/14 2/15	Thur Fri	0645-1315	Clinical rotation	Davis Menvielle	See Clinical Guide	PMHD ECRMC
2/19	Tue	0805-1020	Unit 8: Integumentary	Davis	Same as previous assignment	2150
2/20	Wed	0805-1020	Units 9, 10: Musculoskeletal	Sullivan	B/S: Ch 66-69 BBC: Ch 29 and pp. 149-153 T: pp. 85-91, Ch 9 Assigned videos, computer programs	2150
2/21 2/22	Thur Fri	0645-1315	Clinical rotation	Davis Menvielle	See Clinical Guide	ECRMC
2/26	Tue	0805-1020	Quiz #3: Respiratory- Pediatrics, Integumentary Units 9, 10: Musculoskeletal	Sullivan	Same as previous assignment	2150
2/27	Wed	0805-1020	Units 9, 10: Musculoskeletal	Sullivan	Same as previous assignment	2150

2/28 3/1	Thur Fri	0645- 1315	Clinical rotation	Davis Menvielle	See Clinical Guide	ECRMC
3/5	Tue	0805- 1020	Unit 2: IV Therapy	Sullivan	B/S: Ch 14 p. 298-310 T: pp. 203-227, 779-809 Assigned videos, Computer programs	2150
3/6	Wed	0805- 1020	Unit 2: IV Therapy	Sullivan	Same as previous assignment	2150
3/7 3/8	Thur Fri	0700- 1330	Clinical simulations, IV Start and management evaluations	Davis Menvielle	See Clinical Guide T: pp. 203-227, 779-809	NLC
3/12	Tue	0805- 1020	Quiz #4: Musculoskeletal and IV Therapy Unit 1: Physical Assessment: Newborn, Postpartum, Pregnancy	Davis	Olds: Ch. 15, 30, 35; T: pp. 45-93 Assigned videos, CDs Same as previous assignment	2150
3/13	Wed	0805- 1020	Unit 12: MCN Issues	Davis	Olds: Ch 1-3, 9, 17 Assigned videos, Computer programs	2150
3/14 3/15	Thur Fri	0645- 1315 or 1230- 1900	Clinical rotation	Davis Sullivan Toves	See Clinical Guide	ECRMC PMHD
3/19	Tue	0805- 1020	Unit 13: Fetal Development, Infertility, Genetics	Davis	Olds: Ch. 10-12 Assigned videos, Computer programs	2150
3/20	Wed	0805- 1020	Unit 14: Normal Prenatal	Davis	Olds: Ch 14-16, 18 Assigned videos, Computer programs	2150
3/21 3/22	Thur Fri	0645- 1315 or 1230- 1900	Clinical rotation	Davis Sullivan Toves	See Clinical Guide	ECRMC PMHD
3/26	Tue	0805- 1020	Quiz #5: MCN Asst, Units 12 & 13 Unit 15: High Risk Prenatal	Davis	Olds: Ch 19-21 Assigned videos, Computer programs	2150
3/27	Wed	0805- 1020	Unit 15: High Risk Prenatal	Davis	Same as previous assignment	2150
3/28	Thur	0645-	Clinical rotation	Davis	See Clinical Guide	ECRMC

3/29	Fri	1315 or 1230- 1900		Sullivan Toves		PMHD
4/9	Tue	0805- 1020	Quiz #6: Prenatal Unit 16: Normal L&D	Sullivan	Olds: Ch 13, 22-24 Assigned videos, Computer programs	2150
4/10	Wed	0805- 1020	Finish Unit 16. Unit 17: High Risk L&D	Sullivan	Same as previous assignment Olds: Ch 25-28; T: Review Ch 6 Assigned videos, Computer programs	2150
4/11 4/12	Thur Fri	0645- 1315 or 1230- 1900	Clinical rotation	Davis Sullivan Toves	See Clinical Guide	ECRMC PMHD
4/16	Tue	0805- 1020	Unit 17: High Risk L&D	Sullivan	Olds: Ch 25-28	2150
4/17	Wed	0805- 1020	Quiz #7: Intrapartum Unit 18: Postpartum	Sullivan	Olds : Ch 35-37, 39 T : pp. 428-433 Assigned videos, Computer programs	2150
4/18 4/19	Thur Fri	0645- 1315 or 1230- 1900	Clinical rotation	Davis Sullivan Toves	See Clinical Guide	ECRMC PMHD
4/23	Tue	0805- 1020	Unit 19: Newborn- Low Risk	Sullivan	Olds: Ch. 29-32 Assigned videos, Computer programs	2150
4/24	Wed	0805- 1020	Unit 20: High Risk Newborn	Sullivan	Olds: Ch. 33-34 Assigned videos, Computer programs	2150
4/25 4/26	Thu Fri	0645- 1315 or 1230- 1900	Clinical rotation ATI Testing: 1215 Clinical simulation: Postpartum Hemorrhage	Davis Sullivan Toves	See clinical guide ATI Book Written assignment, Review Olds pp. 1114-1124 Taylor : IV skills	ECRMC PMHD NLC Lab ¾
4/30	Tue	0805- 1020	Quiz #8: Postpartum, Newborn Unit 11: Nursing Care of Reproductive System Problems	Davis	B/S: Ch 46-49 Olds: Ch. 5-6 BBC: pp. 836-843, 145-149	2150

					Assigned videos, computer programs	
5/1	Wed	0805-1020	Unit 11: Nursing Care of Reproductive System Problems 1030: REPEAT ATI (OPTIONAL)	Davis	Same as previous assignment	2150
5/2 5/3	Thur Fri	0645-1315 or 1230-1900	Clinical rotation	Davis Sullivan Toves	See Clinical Guide	ECRMC PMHD
5/7	Tue	0800-1000	Final Exam	Davis Sullivan		2150
5/9	Thur	0645-1315 or 1230-1900	Clinical rotation	Davis Sullivan Toves	See Clinical Guide	ECRMC PMHD

B/S = Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 12th ed.

BBC = Ball, Bindler & Cowan Principles of Pediatric Nursing, 5th ed.

T= Lynn, Taylor's Clinical Nursing Skills, 3rd ed.

Olds= Olds, London, Ladewig, & Davidson. Maternal-Newborn Nursing & Women's Health Care, 9th ed.

(11/14/12)