**ESSEX COUNTY COLLEGE**

**Nursing and Allied Health Division**

**LPN 104 – Maternal Child Health/Pediatric Nursing**

**Course Outline**

**Course Number & Name:**  LPN 104 Maternal Child Health/Pediatric Nursing

**Credit Hours:**  8.0 **Contact Hours:**  4.0 **Lecture:** 4.0 **Lab:**  3.0 **Clinical**: 12.0

**Prerequisites**: Grades of “C” or better in LPN 101, LPN 102, LPN 103, BIO 121, ENG 101 & PSY 101

**Co-requisites:** None **Concurrent Courses:** None

**Course Outline Revision Date:**  Fall 2010

**Course Description**: This course focuses upon the role of the Practical Nurse in caring for clients and families experiencing childbirth, newborn, and pediatric child care needs. The primary emphasis is on basic human needs during pregnancy, labor and delivery, postpartum period, and the pediatric client. Erikson’s psychosocial theory of development is applied in the assessment of clients from infancy through adolescence. The responses of the child-bearing client, children, and their family to illness and hospitalization are discussed. Students are expected to apply theoretical knowledge and proficient clinical skills in interactions with child-bearing, newborn, and pediatric clients. Interpersonal communication skills, legal and ethical considerations, cultural beliefs and practices, and a family-centered approach are integrated throughout.  Clinical experiences will focus on nurse-client communication in in-patient and ambulatory settings.  The nursing process will be used to guide students in all application of the learning environment.

**Course Goals:** Upon successful completion of this course, students should be able to do the following:

1. apply the nursing process and critical-thinking approach, within the role of the Practical Nurse, with clients and families during pregnancy, labor and delivery, postpartum, and pediatric experiences;

2. use effective communication skills with clients and families in obstetrical and pediatric clinical settings;

3. prepare and present teaching plans for clients and families experiencing childbirth;

4. demonstrate the ability to safely and effectively perform specific nursing skills with maternal, newborn, and pediatric clients;

5. identify the needs of the childbearing and pediatric families in relation to Maslow’s framework and Erikson’s psychosocial theory including physiological, emotional, and sociocultural responses;

6. incorporate legal standards and ethical guidelines into practical nursing interactions with clients and families experiencing childbearing and pediatric development;

7. discuss trends in the care of childbearing and pediatric families;

8. apply theoretical knowledge of obstetrical and pediatric nursing to clinical situations;

**Course Goals** (continued)**:**

9. describe the assessment and medical and practical nursing interventions for maternal, newborn, and pediatric clients during the prenatal, labor and delivery, postnatal, and pediatric periods; and

10. apply knowledge of pediatric nursing and Erikson’s development theory to clinical situations.

**Measurable Course Performance Objectives (MPOs)**: Upon successful completion of this course, students should specifically be able to do the following:

MPOs for LPN 104 are developed in separate lectures, skill laboratory and clinical guides, which are distributed electronically to students via e-mail and/or in print materials.

MPOs are identified and established by state licensure standards and NLNAC accreditation standards.

**Methods of Instruction**: Instruction will consist of lectures, skill lab demonstrations, clinical assignments, discussions, audio‑visual materials, and computer laboratory with computer-aided instruction (CAI) materials.

**Outcomes Assessment:** Test and examination questions are blueprinted from the NCBSN itemized test plan lists. Data is collected and analyzed to determine the level of student performance on these assessment instruments in regards to meeting course objectives.  The results of this data analysis are used to guide necessary pedagogical and/or curricular revisions.

**Course Requirements:** All students are required to:

1. Maintain regular attendance in classroom lectures, skill laboratory and clinical performance.

2. Complete all nursing assignments including group work, care plans and weekly NCLEX\_PN questions.

3. Participate in class discussion and pre- and post-clinical discussions.

4. Take all tests including the NLN standardized examination.

**Methods of Evaluation:** Final course grades will be computed as follows:

**% of**

**Grading Components final course grade**

* Theory Component: **3 unit examinations**  **60%**
* Theory: **Comprehensive final examination** **40%**
  + A final grade of 75% must be achieved for successful course completion. A grade of “C” is required for progression to LPN 105. Grades between 74% and 70% will be recorded as a “D”. Grades below 70% will be recorded as an “F”.
* **Skill Laboratory** **Must achieve a P** 
  + Satisfactory attendance **(100%/0%)**
  + Active participation in discussion, return demonstration and practice of skills
  + Achieve a “Pass” on each of 3 skills tests (see critical elements) vital signs/medication/wound care
* **Clinical Experience (outside agency)** **Must achieve a P** 
  + Satisfactory attendance **(100%/0%)**
  + Achieve a “Pass” on the final clinical evaluation (see clinical evaluation tool for criteria)
  + Successful, **on-time** completion of at least 2 nursing care plans (see clinical guide for criteria)

**Academic Integrity:** Dishonesty disrupts the search for truth that is inherent in the learning process and so devalues the purpose and the mission of the College. Academic dishonesty includes, but is not limited to, the following:

* plagiarism – the failure to acknowledge another writer’s words or ideas or to give proper credit to sources of information;
* cheating – knowingly obtaining or giving unauthorized information on any test/exam or any other academic assignment;
* interference – any interruption of the academic process that prevents others from the proper engagement in learning or teaching; and
* fraud – any act or instance of willful deceit or trickery.

Violations of academic integrity will be dealt with by imposing appropriate sanctions. Sanctions for acts of academic dishonesty could include the resubmission of an assignment, failure of the test/exam, failure in the course, probation, suspension from the College, and even expulsion from the College.

**Student Code of Conduct:** All students are expected to conduct themselves as responsible and considerate adults who respect the rights of others. Disruptive behavior will not be tolerated. All students are also expected to attend and be on time for all class meetings. No cell phones or similar electronic devices are permitted in class. Please refer to the Essex County College student handbook, *Lifeline*, for more specific information about the College’s Code of Conduct and attendance requirements.

**Course Content Outline:** based on the following course materials**:**

**Required textbooks:**

Ramont, Niedringhaus & Towle (2010). Comprehensive Nursing Care, 2nd edition; Pearson, New York, NY. ISBN # 13:978-0-13-504099-7.

Brown, N J, Boyd, S M & Twiname, B G (2003). LPN/LVN Student Nurse Handbook. Prentice Hall, NJ.

Students **MUST** have access to “My Nursing Kit”. This access (access #) is bundled with the purchase of a new textbook. The access # is good for only one individual and is valid for 1 year from the date of purchase.

Daniels, R (2002). Delmar’s Guide to Laboratory and Diagnostic Tests. Delmar-Thomson Learning, New York.

Doenges, Marilyn, Moorehouse & Murr (2010). Nurse’s Pocket Guide Diagnoses, Prioritized Interventions and Rationales. 12th edition. FA Davis, Philadelphia. ISBN # 0-80-362234-1.

Ramont, Niedringhaus & Towle (2010). Student Workbook and Resource Guide for Comprehensive Nursing Care. 2nd edition. Pearson, New York, NY.

A **medical/nursing dictionary**:

Davis (2009). Taber’s Cyclopedic Medical Dictionary (with web access & CD ROM). 21st edition. FA Davis, Philadelphia. ISBN # 978-0-0803-6156-01. (Note: This resource is also available in an e-version for PDA/iPhone/computer.)

**Course Content Distribution: Maternal Child Health**

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| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **Clinical Lab /Experience** | |
|  |  |  | | **On Campus** | |
| 1 | Discussion of the reproduction, development of conception, and pregnancy in the child-bearing client as well as disorders of the menstrual cycle | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-Rom  Basic nursing skills: Disorder in the reproductive system – male and female | | No clinical  Practice assessment of care of the client with male or female reproductive disorders | |
|  | Assignment: Ramont, Neidringhaus and Towle ch 40 | Ramont, Neidringhaus and Towle Student Workbook ch 40 | |  | |
| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **On Campus** | |
| 2 | Discussion of the reproduction, development of conception, and pregnancy in the child-bearing client as well as disorders of the menstrual cycle (continued) | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Disorder in the reproductive system – male and female | | No clinical  Practice assessment of care of the client with male or female reproductive disorders | |
| Assignment: Ramont, Neidringhaus and Towle ch 40 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 40 | |  | |
| 3 | Discussion of the client experiencing sexually transmitted disease alterations | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio-Visual CD-ROM  Basic nursing skills: Fetal conception and development | | No clinical  Practice maternal/child assessment | |
| Assignment: Ramont, Neidringhaus and Towle ch 41 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 41 | |  | |
|  |  |  | | **On Campus/Agency** | |
| 4 | Discussion of the reproduction, development of conception, and pregnancy in the child-bearing client; preconception, fertilization, fetal development, signs and the complexity of pregnancy, and related diagnostic tests will be examined  **Exam # 1** | Complete My Nursing Kit  Practice 45 NCLEX Questions  Audio Visual CD-ROM  Measuring vital signs: temperature, respiration & blood pressure  Case study – developing a nursing care plan | | Orientation to agency  Practice physical and health assessment of the pregnant woman | |
| Assignment: Ramont, Neidringhaus and Towle ch51 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 51 | |  | |
| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **Agency/Clinical Lab** | |
| 5 | Discussion of the reproduction, development of conception, and pregnancy in the child-bearing client; preconception, fertilization, fetal development, signs and the complexity of pregnancy, and related diagnostic tests will be examined (continued) | Complete My Nursing Kit  Practice 45 NCLEX Questions  Audio Visual CD-ROM  Measuring vital signs: temperature, respiration & blood pressure  Case study – developing a nursing care plan | | Practice physical and health assessment of the pregnant woman | |
| Assignment: Ramont, Neidringhaus and Towle ch 51 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch35 | | **First care plan due** | |
| 6 | Discussion of the care of the woman at risk for life-threatening complications as well as issues related to maternal age during pregnancy and multiple pregnancies; complications, pathophysiology, and treatment strategies for both stable and seriously ill clients will be examined | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Fetal conception and development | | Monitor, observe, and care for the woman with a high-risk pregnancy | |
|  | Assignment: Ramont, Neidringhaus and Towle ch 53 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 53 | |  | |
| 7 | Discussion of labor, the birthing process, and related nursing care; the continuum of the process from labor through postpartum is examined to determine the full experience of the mother and her family  **Exam #2** | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Fetal conception and development | | Monitor, observe, and care for the woman in labor and delivery | |
| Assignment: Ramont, Neidringhaus and Towle ch 53 | Assignment: Ramont, Neidringhaus and Towle Student  Workbook ch 53 | |  | |
| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **Agency** | |
| 8 | Discussion of care of the woman in the postpartum period which begins immediately after the birth of the baby and continues approximately 6 weeks; the physiological and psychological changes the mother undergoes during the postpartum period are examined | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Postpartum period | | Care of the client in the postpartum period | |
| Assignment: Ramont, Neidringhaus and Towle ch 54 | Assignment: Ramont, Neidringhaus and Towle Student  Workbook ch 54 | |  | |
|  |  | |  | | **Agency/Clinical Lab** | |
| 9 | Discussion of the care of the woman experiencing complications in the postpartum period; recognition of potential problems and using critical thinking skills to deal with emergencies will be emphasized  **Exam #3** | | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Postpartum period | | Care of the client with postpartum disorders | |
|  | Assignment: Ramont, Neidringhaus and Towle ch 54 | | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 54 | |  | |
|  |  | |  | | **Agency/Clinical Lab Campus** | |
| 10 | Discussion of the care of the newborn infant  Assignment: Ramont, Neidringhaus and Towle ch 57 | | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Newborn assessment  Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 57  **NLN STANDARDIZED TEST** | | Care of the newborn infant | |
| **Week** | **Lecture Topic** | | **Nursing Skill Lab** | | **Agency** | |
| 11 | Discussion of care of the high-risk neonate; collecting data, meeting the basic needs of the newborn in the NICU, and documenting care are emphasized | | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Newborn assessment | | **Agency site and student**  **evaluation** | |
| Assignment: Ramont, Neidringhaus and  Towle ch 58  (Instructor evaluation) | | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 58 | |  | |
|  |  | |  | | **On Campus** | |
| 12 | Review for Final Examination | | **Comprehensive Final Examination** | | **Course Counseling** | |

**Course Content Distribution: Pediatric Nursing**

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| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **Clinical Lab /On Campus** | |
| 1 | Orientation – overview of the growth and development of the pediatric client; care of infants and children are discussed | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Disorder in the care of infants and children | | No clinical  Practice assessment of infant and pediatric clients | |
| Assignment: Ramont, Neidringhaus and Towle ch 59 | Assignment: Ramont, Neidringhaus and Towle Student  Workbook ch 59 | |  | |
| 2 | Orientation – overview of the growth and development of the pediatric client; care of infants and children are discussed (continued) | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Disorder of the pediatric client | | No clinical  Practice assessment of care of the client | |
| Assignment: Ramont, Neidringhaus and Towle ch 59 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 59 | |  | |
| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **On Campus** | |
| 3 | Discussion of the care of the infant and toddler client; care of both the ill child and the entire family, nutritional needs specific to the child (from 1 to 36 months), developmental milestones, and healthcare of the well infant and toddler are examined | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Infant and toddler development | | No clinical  Practice infant and toddler assessment | |
| Assignment: Ramont, Neidringhaus and Towle ch 59 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 59 | |  | |
|  |  |  | | **Agency** | |
| 4 | Discussion of the growth and development of the infant client; disorders of each body system of infants and children are examined; care of the pediatric client and providing care for the sick child are emphasized  **Exam #1** | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Infant and toddler development  Case study – developing a nursing care plan | | Orientation to agency  Practice physical and health assessment of the  infant and toddler | |
| Assignment: Ramont, Neidringhaus and Towle ch 60 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 60 | |  | |
| 5 | Discussion of the growth and development of the preschooler; adaptations of care for the physical, mental, and emotional needs of children are emphasized | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Measuring vital signs (temperature, respiration, and blood pressure) of the preschooler  Case study – developing a nursing care plan | | Practice physical and health assessment of the preschooler | |
|  | Assignment: Ramont, Neidringhaus and Towle ch 51 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 51 | | **First care plan due** | |
| **Week** | **Lecture Topic** | **Nursing Skill Lab** | | **Agency/Clinical Lab** | |
| 6 | Discussion of the growth and development of the preschooler; adaptations of care for the physical, mental, and emotional needs of children are emphasized  (continued) | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: Fetal conception and development | | Monitor and observe care of the preschooler | |
|  | Assignment: Ramont, Neidringhaus and Towle ch 53 | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 53 | |  | |
| 7 | Discussion of the growth and development of the school-aged child; care of, nutrition, health maintenance, and the most common disorders of the school-aged child are examined  **Exam #2** | Complete My Nursing Kit  Practice 60 NCLEX Questions  Audio Visual CD-ROM  Basic nursing skills: School-aged child development | | Monitor and observe care of the school-aged child | |
| Assignment: Ramont, Neidringhaus and Towle ch 61 | Assignment: Ramont, Neidringhaus and Towle Student  Workbook ch 61 | |  | |
|  |  |  | | **Agency** | |
| 8 | Discussion of the growth and development of the school-aged child; care of, nutrition, health maintenance, and the most common disorders of the school-aged child are examined (continued) | Complete My Nursing Kit  Practice 60 NCLEX Questions  Visual CD-ROM  Basic nursing skills: Postpartum period | | Care of the school-aged child client | |
| Assignment: Ramont, Neidringhaus and Towle ch 61 | Assignment: Ramont, Neidringhaus and Towle Student  Workbook ch 61 | |  | |
|  |  | |  | | **Agency/Clinical Lab** | |
| 9 | Discussion of care of the adolescent client; physical, sexual, and emotion changes during this period are examined  **Exam #3** | | Complete My Nursing Kit  Practice 60 NCLEX Questions  Visual CD-ROM  Basic nursing skills: Physical development and emotional maturity of the adolescent client | | Care of the adolescent client | |
| **Week** | **Lecture Topic** | | **Nursing Skill Lab** | | **Agency/Clinical Lab** | |
| 9 (continued) | Assignment: Ramont, Neidringhaus and Towle ch 62 | | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 62 | |  | |
|  |  | |  | | **Agency/Clinical Lab**  **Campus** | |
| 10 | Discussion of the development of the adolescent client (continued) | | Complete My Nursing Kit  Practice 60 NCLEX Questions  Visual CD-ROM  Basic nursing skills: Adolescent client assessment | | Care of the adolescent client | |
| Assignment: Ramont, Neidringhaus and Towle ch 62 | | Assignment: Ramont, Neidringhaus and Towle Student Workbook ch 62 | |  | |
|  | | **NLN Standardized Test** | |  | |
|  |  | |  | | **Agency** | |
| 11 | Review of all course material | | Complete My Nursing Kit  Practice 60 NCLEX Questions  NLN remediation session & hand in notes | | **Agency site and student**  **evaluation** | |
| Assignment: Ramont, Neidringhaus and Towle all chapters covered in this course  (Instructor evaluation) | | Assignment: Ramont, Neidringhaus,Towle all chapters covered in this course | |  | |
|  |  | |  | | **On Campus** | |
| 12 | Review for Final Examination | | **Comprehensive Final Examination** | | **Course Counseling** | |