NPN 135 Introduction to Health Deviation
6 credits

Instructors:

Russell Peyton RN BSN
Office: Hatley Building
Phone: 824-7552
E-mail: rpeyton0001@kctcs.edu

Amy Stephens RN
Office: Hatley Building
Phone: 824-7552
E-mail: AStephens0045@kctcs.edu

Office Hours posted on office door and extra time by appointment only

Hours: Lecture/Lab (Saturday 9am-7pm) Clinical (Friday 4pm-10pm)

Description:
Application of the nursing process for selected child/adult clients experiencing common health deviations interfering with activities of daily living. Emphasis is on the nurse as the provider of care. Lecture: 3 credits (45 contact hours) Lab/Clinical: 3 credit (45:1 ratio/135 contact hours)

Prerequisites:
OPTION 1: ((NPN 100 and NPN 105 and NPN 110 and (BIO 135 or BIO 139) and (AHS 100 or PSY 223)) or Consent of PN Coordinator. Minimum “C” grade

OPTION 2: (NPN 101 and 111 and (BIO 135 or BIO 139) and (AHS 115 or AHS 120 or CLA 131 or OST 103) Minimum “C” grade)

Implementation: Fall 2008

Competencies:
Upon completion of this course, the student can:
1. Organize and deliver care according to established priorities for clients experiencing common medical surgical problems.
2. Manage interferences as they relate to conditions that threaten body defenses.
3. Demonstrate the use of evidence-based practice in the performance of nursing skills.
4. Demonstrate the application of family, cultural, environmental, spiritual, and genetic influences in meeting basic human needs across the life span.

Outline:
I. Perioperative Cycle
   A. Preoperative cycle
      1. Definition of terms
      2. Concepts
      3. Principles of preoperative asepsis
      4. Wound healing
      5. Assessment data
      6. Implementation
      7. Evaluation
   B. Intraoperative phase
      1. Surgical asepsis
      2. Anesthesia
      3. Specific needs of patients related to life span changes
   C. Postoperative phase
      1. Assessment
      2. Planning/implementation
      3. Expected and unexpected outcome criteria
   D. Alternative and Complementary Therapies
      1. New systems into traditional American health care
      2. Alternative and Complementary Therapies
      3. Safety and Effectiveness of Alternative Therapies
II. Threats to Body Defenses
   A. Assessment
   B. Health problems
      1. Infant/child
         a. Communicable
         b. Other
      2. Adolescent/young adult
         a. Communicable
         b. Infection
         c. Inflammation
         d. Other
      3. Adult/older adult
         a. Communicable
         b. Other
      4. Across the life span
   C. Nurse’s role
   D. Treatment modalities
   E. Discharge planning
   F. Evaluation
III. Care of the Patient Experiencing Alterations in Oxygenation
   A. Alterations of function, dynamics and regulation
B. Definition of terms 
C. Concepts 
D. Major alterations 
E. Assessment of the individual 
F. Specific aspects of acute and chronic health problems 
   1. Infant/child 
   2. Adolescent/young adult 
   3. Adult/older adult 
   4. Across the life span 
G. Planning/implementing 
H. Treatment modalities 
I. Evaluation 
J. Discharge planning 

Experiments: 
As students are taught concepts and skills, they perform them in the clinical area. 
1. Observe and/or participate in admission process for the operative patients. 
2. Examine surgical consent forms. 
3. Examine institutional and nursing policies/procedures related to surgical procedures. 
4. Assist in performing preoperative care and teaching. 
5. Discuss in pre- and post-conference specific needs for different age groups during preoperative phase. 
6. Role play preoperative teaching. 
7. Safety perform psychomotor skills related to preoperative care. 
8. Administer an enema. 
9. Utilizing the nursing process, formulate a plan of care for a preoperative patient. 
10. Discuss expected versus unexpected outcome criteria related to the preoperative patient. 
11. Open sterile packs. 
12. Maintain sterile technique 
13. Assess for need and if necessary perform a catheterization. 
14. Discuss legal/ethical issues related to the intraoperative phase. 
15. Discuss special needs of patients related to life span changes. 
16. Participate in admitting a patient to the recovery room. 
17. Assist in assessing the postoperative patient. 
18. Discuss concept/needs of different cultures and age groups related to postoperative management. 
19. Assess and intervene with pain management. 
20. Utilizing the nursing process, formulate a plan of care for the postoperative patient. 
21. Safely perform psychomotor skills. 
22. Discuss in pre- and post-conference legal and ethical issues related to postoperative care. 
23. Apply sterile dry dressings/wet to dry dressings. 
24. Perform suture/clip removal. 
25. Apply steri-strips. 
26. Apply binders and bandages. 
27. Insert rectal tube. 
28. Assess patency and character of tubes, e.g., N/G, catheter, chest.
29. Apply anti-embolism hose.
30. Apply hot and cold therapy.
31. Utilizing the nursing process, provide care for patients with infection/inflammatory response.
32. Utilizing the nursing process, assess a patient with threats to body defenses.
33. Summarize an article from an appropriate journal related to threats to body defenses.
34. Obtain various cultures from patients, e.g. wound, throat, urine.
35. Discuss role of practical nurse in caring for patients with allergies and organ transplants.
36. Observe immunization process in a well-baby clinic or county health department.
37. Perform proper gloving for prevention of spread of infections.
38. Assess pressure wounds and perform appropriate intervention(s).
39. Perform/observe concurrent cleaning of patient’s room.
40. Discuss in pre- and/or post-conference alterations in basic human needs related to oxygenation.
41. Participate in a group discussion on smoking and its hazards.
42. Identify appropriate data needed to maintain basic human needs for individuals with alterations in oxygenation.
43. Assess oxygenation status of individuals
44. Perform tracheostomy care/suctioning.
45. Perform nursing care for individuals experiencing alterations in oxygenation within the scope of practical nursing.
46. Perform suctioning of oropharyngeal and nasopharyngeal tract
47. Teach/assist individual with coughing/deep breathing exercises.
48. Assess individuals for breath sounds – differentiating between normal and abnormal sounds.
49. Discuss common medications administered by any route used in treating selected oxygenation problems.
50. Set up and maintain oxygen (e.g., cannula, mask, tent) for individuals experiencing alterations in oxygenation.
51. Observe and/or perform percussion and postural drainage.
52. Administer chest tube care.
53. Evaluate a plan of care for selected individuals with alterations in oxygenation.
54. Incorporate health promotion concepts in providing care in varied community settings.
55. Visit available community resources.
56. Observe in a pulmonary rehab unit.
57. Assist community agencies with a health fair.
58. Care for individuals in adult and child day care centers.
59. Perform replacement/irrigations/feedings per gastric tubes.
60. Demonstrate safe transfer techniques to and use of stretcher.

Web Enhanced Course Guidelines
This course is web enhanced. All students will be required to access the course website through [http://www.elearning.kctcs.edu](http://www.elearning.kctcs.edu). The course website will be utilized for lecture content, assignments, and posting of grades. All students enrolled in this course have been issued a Madisonville Community College email address. Students are encouraged to check their email and the course website frequently for updated information. To access your online courses or any Kentucky Community and Technical College (KCTCS) web enhanced course through the Blackboard 7.1 website, you will need to use a special, unique username and password. (If you have already received and changed your password, continue to use your
changed information to access your account.) You may access your course approximately two days prior to the course’s advertised starting date.

To access your course, please follow these instructions:

Point your browser to [http://www.elearning.kctcs.edu/webapps/portal/frameset.jsp](http://www.elearning.kctcs.edu/webapps/portal/frameset.jsp).

In the space provided for “Username,” enter your Peoplesoft or Webmail login username and password.

3. Click on the “Login” button.

4. Click the link to your course to get started.

If you have difficulty logging in or if you have any further questions, please contact the Blackboard 7.1 Help desk. You may call them at 1-866-606-1725 for help with questions about login, accounts and accessing courses.

It is the student’s responsibility to view all on-line material, including lectures, assignments, videos, and discussion boards located on Blackboard.

Attendance and Late/Make-up course work

Attendance during your educational program is important to your success. Attendance and participation in all learning experiences is essential for achieving an appropriate knowledge base and is necessary for success in the program. Attendance is expected in lectures, campus labs, clinical experiences, and all other assigned activities. Nursing employers are especially desirous of an employee who has demonstrated his/her reliability by good school attendance.

The following rules apply to LPN program attendance:

An absence is defined as coming to class or leaving class early by more than 15 minutes. Two episodes of tardiness or leaving early (less than 15 minutes) will be counted as an absence.

Lecture/Campus Lab Absence Policy:

Attendance will be taken in all lecture classes. Students may not sign in for other students. It is the student’s responsibility to sign in, failure to do so will be counted as an absence.

If you are absent for any reason, you MUST call in prior to 8:00 am. If the absence occurs on a class day, the student must notify the nursing instructor/instructors office/s prior to 8:00 am. The telephone number of the school is (270) 824-7552. All quizzes and tests will be graded as a 0 for a NO CALL/NO SHOW DAY.

More than 2 absences from theory or lab class meetings will result in a two-point deduction in the final course grade for each subsequent absence. Instructors will close the door at the beginning of a class period and students will not be permitted to enter the classroom until the next break. If an exam is scheduled on the day you return to class you are expected to take the exam on that day. If an exam was given on the day of your absence, it is to be made up on your FIRST day back at school or at the convenience of your instructor. FIVE POINTS will be automatically deducted from the score of any make-up exam. It is the student’s responsibility to contact the instructor to schedule make-up exams. Exams will cover the same material other students were tested over, but may not be the same exam. IF AN EXAM OR QUIZ HAS ALREADY STARTED, THE STUDENT WILL NOT BE ALLOWED TO ENTER THE ROOM AND A MAKE-UP EXAM OR QUIZ WILL BE SCHEDULED.
Grades:
3 Exams 75%
Final 15%
Math Tests and Assignments 10%

Course Requirements/Attendance:

Students must complete this course with a minimum grade of 76% (letter grade C). Students must have at least a 76% average after the completion of Exam III to take the final. Students are expected to attend all scheduled classes, read all assigned lessons, and complete all written assignments. If you are absent for any reason, you are required to call in prior to the start of the class day. Absences in excess of 2 class periods will result in a two point deduction in the final course grade for each subsequent absence.

ADA Statement:

Students with documented disabilities that require individualized accommodations should schedule a conference with the Disability Resources Coordinator, Valerie Wolfe at their earliest convenience (Hatley Building Room 127 or LRC Room 112). Telephone number is 824-1670.

Evaluation of Writing:

All writing assignments will be evaluated for correct use of Standard English. Errors in English usage will result in penalty points and require the rewriting of assignments that do not meet acceptable standards.

Withdrawal Policy:

A student withdrawing from school without following proper withdrawal procedures will not receive a grade report or school transcript and may be denied re-entry. If the student returns with a verified excused absence, he/she may be readmitted and permitted to make up missed work. Failure to attend class does not constitute official withdrawal. Please schedule a conference with the Program Chair and your instructor prior to withdrawing from class.

KCTCS Student Code of Conduct:

Students may locate information regarding academic rights, academic offenses and the right to appeal infringements upon those rights at: http://www.kctcs.edu/student/code.htm
<table>
<thead>
<tr>
<th>Dates</th>
<th>Readings and Assignments</th>
</tr>
</thead>
</table>
| March 20<sup>th</sup> Friday | Syllabus, Start Unit 1.  
(White) Chapters 29, 30. (Med-Surg)  
Chapters 4, 9, 11 |
| March 21<sup>st</sup> Saturday | Unit 1:  
(White) Chapters 29, 30. (Med-Surg)  
Chapters 4, 9, 11  
Lab: IV Initiating, Care, and Phlebotomy |
| March 27<sup>th</sup> Friday | Clinical |
| March 28<sup>th</sup> Saturday | Unit 1:  
(White) Chapters 29, 30. (Med-Surg)  
Chapters 4, 9, 11  
Lab: NG Placement, Ostomy Care, and Pouching |
| April 3<sup>rd</sup> Friday | Clinical |
| April 4<sup>th</sup> Saturday | Unit 1:  
(White) Chapters 29, 30. (Med-Surg)  
Chapters 4, 9, 11  
Lab: Nasopharyngeal, Oropharangeal, and Tracheal Suctioning and Care |
| April 10<sup>th</sup> Friday | No School |
| April 11<sup>th</sup> Saturday | Unit 1 Exam, Start Unit 2  
Unit 2: (Med-Surg) Chapters 7, 19, 44  
(White) Chapter 20  
Lab: Care of Patient with a Chest Tube and EKG |
| April 17<sup>th</sup> Friday | Clinical |
| April 18<sup>th</sup> Saturday | Unit 2 Exam Start Unit 3:  
(Med-Surg) Chapters 29, 30, 31 (White)  
Chapters 56 pp 1600-1605 & Chapter 57 pp. 1642-1645  
Lab: Central/PICC line Care and Blood Transfusion |
| April 24<sup>th</sup> Friday | Clinical |
| April 25th Saturday | Unit 3 Exam |
| March 1<sup>st</sup> Friday | NPN 135 Final Exam |