

PELLISSIPPI STATE COMMUNITY COLLEGE  
MASTER SYLLABUS

**LIFESPAN NURSING I  
NURS 1160**

**Class Hours: 5.0**

**Credit Hours: 9**

**Laboratory Hours: 4.0**

**Date Revised: Fall 2010**

**Catalog Course Description:**

The course focuses on the therapeutic nursing care and modalities in the care of adults and children with emphasis on perioperative, cardiac, respiratory, and gastrointestinal/biliary systems. Based on the nursing process, this course focuses on health promotion in meeting patient needs in a variety of medical and surgical settings across the lifespan. 5 hours lecture and 12 hours clinical/lab experience per week.

**Entry Level Standards:**

College –level competencies in logic, reading, critical thinking, ability to mathematically reason, effectively utilize communication skills, ability to tug, pull, stoop, and lift 50 pounds unassisted.

**Prerequisites:**

Acceptance and admission to the Associate of Applied Science in Nursing program at Pellissippi State Community College, Department of Nursing; successful completion of NURS 1150; PSY 2400; BIO 2010.

**Co-requisites:**

BIO 2020; ENG 1010

**Textbook(s) and Other Course Materials:**

- Buchholz, S. (2009). Henke's med-math: Dosage calculation, preparation & administration. (6<sup>th</sup> ed.). Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781776288
- Deglin, J. H., Valerand, A. H. & Sanoski, C.A. (2011). Davis's drug guide for nurses. (12<sup>th</sup> ed.). Philadelphia, PA: F. A. Davis Company. ISBN: 9780803623095
- Karch, A.M. (2010). Focus on nursing pharmacology (5th ed.). Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781789820
- Kyle, T. (2008). Essentials of pediatric nursing. Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781751155
- Lynn, P. (2010). Taylor's clinical nursing skills, a nursing process approach (2nd ed.). Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781775724
- Piper, T. (2008). Stedman's medical dictionary for the health professions and nursing, Illus. (6<sup>th</sup> ed.). Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781776189

Smeltzer, S.C., Bare, B.G., Hinkle, J.L., & Cheever, K.H. (2010). Brunner and Suddarth's Textbook of medical surgical nursing (12<sup>th</sup> ed.). Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781785907

Surrena, H. (2010). Brunner & Suddarth's handbook of laboratory and diagnostic tests. Philadelphia, PA: Wolters Kluwer/Lippincott, Williams & Wilkins. ISBN#9780781799072

Taylor, C., Lillis, C., & LeMone, P. (2008). Fundamentals of nursing: The art and science of nursing care (6<sup>th</sup>ed.) . Philadelphia, PA: Lippincott, Williams, & Wilkins. ISBN#9780781781572

### **I. Week/Unit/Topic Basis:**

<b>Week</b>	<b>Topic</b>
1	Perioperative and Pediatric Perioperative
2	Fluid & Electrolytes
3	GI/Biliary
4	GI/Biliary
5	GI/ Biliary and Pediatric GI/Biliary, Cardiac
6	Cardiac
7	Cardiac
8	Cardiac
9	Cardiac and Pediatric Cardiac
10	Pediatric Cardiac
11	Respiratory
12	Respiratory
13	Respiratory
14	Pediatric Respiratory
15	Final Exam Period

### **II. Course Goals\*:**

The course will:

- A. Identify the phases of the perioperative period and components of a comprehensive preoperative assessment. I
- B. Identify health factors that affect the negative outcome of the preoperative patient and develop a teaching plan to promote recovery from surgery/anesthesia. I

- C. Discuss the classifications of surgical procedures and the various types of anesthesia including the advantage/disadvantages and the nursing responsibilities. I-V
- D. Describe the role of the nurse to promote safety during intraoperative period and identify assessment parameters for the post-operative patient. I
- E. Apply the nursing process as it relates to prevention and treatment of common postoperative complications. I-IV
- F. Discuss nursing care of the surgical and open wounds including assessment, classification, healing process, wound management, pain assessment, common complications and medication management. I-IV, VII, X
- G. Define terms and abbreviations that are essential for effective communication with individuals of all ages and cultural diversity. III, IV
- H. Describe the various types of intestinal obstruction and their management. I-IV, VII, X
- I. Discuss the etiology, clinical manifestations and nursing care of an adult after experiencing an upper GI bleed. I-IV, VII, X
- J. Identify the clinical significance and related implications of laboratory and diagnostic tests and procedures used for assessment and evaluation of gastrointestinal, cardiovascular, and respiratory function. V, VIII
- K. Compare the various methods of hemodynamic monitoring including potential complications and nursing responsibilities utilizing the provided handout. V, VIII
- L. Utilize ethical and legal standards of nursing practice. I-IV
- M. Recognize common dysrhythmias and identify the appropriate treatment modality. I-IV, VII, X
- N. Compare and contrast the various types of pacemakers, their uses, possible complications, and nursing interventions. I-IV, VII, X
- O. Describe the nursing care of patients with implantable devices. I-IV, VII, X
- P. Compare and contrast the etiology/pathophysiology, clinical manifestations, assessment, medical management, and nursing interventions of patients with common disorders of the gastrointestinal/biliary, cardiovascular, and respiratory system. I-IV, VII, X
- Q. Discuss the preoperative and postoperative nursing interventions for patients undergoing gastrointestinal/biliary, cardiac, vascular, and respiratory surgery. I-IV, VII, X
- R. Discuss the appropriate techniques and pharmacologic management of cardiac arrest. I, VII, IX
- S. Demonstrate patient/family teaching for patients with gastrointestinal, cardiac, vascular, and respiratory disorders. I-X
- T. Identify different acute and chronic signs and symptoms of respiratory distress and incorporate assessment of respiratory risk factors into the nursing history and physical assessment. I-IV, VII, X
- U. Identify and contrast nursing assessment findings, care and evaluation of patients with bacterial, viral, and fungal respiratory illnesses. I-IV, VII, X

- V. Identify medications used for the treatment of gastrointestinal, biliary, cardiac, and respiratory disorders such as generic/brand name, classification, and mechanism of action, side effects, normal dosage, and nursing implications. I-V, VII-IX

\*Roman numerals after course objectives reference goals of the Nursing program (Career Program Goals and General Education Goals are listed

[http://www.pstcc.edu/departments/curriculum\\_and\\_instruction/syllabi/](http://www.pstcc.edu/departments/curriculum_and_instruction/syllabi/) )

### **Nursing Program Educational Goals**

Upon completion of the Associate of Applied Science in Nursing Program, the graduate will develop skills, knowledge, and abilities to accomplish the following:

- I. Provide competent nursing care at the advanced beginner level to diverse populations.
- II. Establish and maintain ethical relationships in order to act within the context of the Nurse Practice Act.
- III. Provide nursing care that promotes, protects, and improves health for individuals, families and communities.
- IV. Deliver culturally competent care that reflects sensitivity to racial, ethnic and cultural diversity.
- V. Utilize nursing and allied health related research in the delivery of nursing care.
- VI. Participate in coordinated care by practicing shared decision-making, delegating aspects of care, and working in teams.
- VII. Deliver nursing care that is cost-effective and assures financial accountability.
- VIII. Utilize multiple sources of information, which include computer-based data, to critique and improve clinical decisions.
- IX. Engage in critical self-assessment in order to maintain life-long learning.
- X. Practice and evaluate caring behaviors in clinical nursing.

### **III. Expected Student Learning Outcomes\*:**

Students will be able to:

1. Discuss the major pathophysiological, psychosocial, cultural, and spiritual aspects of caring for persons across the lifespan with gastrointestinal/biliary, cardiac, and respiratory disorders. J, O, P, R
2. Describe the surgical procedures, perioperative nursing care, postoperative complications, and discharge planning needs of persons of all ages undergoing surgery related to the gastrointestinal/biliary, cardiac, and respiratory systems. A-F
3. Describe common diagnostic methods/laboratory tests and the nursing implications for patients experiencing diseases/disorders of the gastrointestinal/biliary, cardiac, and respiratory systems across the lifespan. J
4. Evaluate the individual's health status in regards to diagnostic findings, prescribed treatment effects and pathophysiological processes. O

5. Utilize the nursing process in caring for persons of all ages experiencing alterations in gastrointestinal/biliary, cardiac, and respiratory functions. J, R
6. Identify the physiologic action, use, side effects and nursing implications of drugs used in pharmacological management of commonly occurring disease processes across the lifespan of the gastrointestinal/biliary, cardiac, and respiratory systems. Q, U
7. Apply basic theoretical nursing concepts to patient/client care situations. A-U
8. Apply safe and effective nursing care to assigned patients/clients as a beginning registered nurse student. D, F, I- K, N- P, T
9. Describe attributes of effective communication
10. Display beginning mastery of content by defining

\* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

#### **IV. Evaluation:**

##### A. Testing Procedures: 85% of grade

Unit Tests: 65% of the course grade: 5 tests (Approximately one test after each subject unit) will be given. Tests will be multiple choice, multiple answer, and alternative style test questions as indicated to follow NCLEX-RN testing format.

Comprehensive Final Exam: 20% of the course grade. (This test will be multiple choice).

A 78% overall course average is required in order for the student to progress in the nursing sequence. Test dates are specified in the class calendar. If a nursing student is unable to take a test, it is the responsibility of the student to contact the instructor PRIOR to the TEST and arrange an alternate make-up test.

##### B. Laboratory Expectations: Satisfactory Performance

Laboratory and clinical behaviors must be satisfactory to receive a passing grade for the course. The following four (4) areas are considered to make up the laboratory portion of this course:

Videos/Laboratory Quizzes: Lab quiz scores must average at least a 78% to receive a satisfactory in lab/clinical.

Skills Lab: Students must perform weekly psychomotor skills with active participation and satisfactory performance of these skills.

Simulation Lab: Students will actively participate in the simulated scenarios provided through the use of Sim Man 3G, Sim Baby, Sim NewB, Vital Sim, and any other electronic simulation device. Failure to actively participate in these simulations with satisfactory responses to the scenarios will result in an Unsatisfactory in the laboratory portion of the class.

Clinical: Students will participate in clinical experiences at area hospitals, extended care

facilities and community agencies as designated by faculty. Students will be responsible for successfully completing the following:

1. Complete written assignments.
2. Perform nursing procedures (skills) at a beginning level.
3. Participate in pre and post clinical conferences.
4. Complete an agency affiliate evaluation.
5. Clinical/lab attendance is mandatory.

Students will receive a clinical evaluation at the completion of the clinical experiences. A grade of Satisfactory (s), Need Improvement (NI), or Unsatisfactory (U) will be awarded. The clinical evaluation must be Satisfactory in order to receive a passing grade for the laboratory portion of the course and therefore to be able to pass NURS 1160.

\*Note: Any student who unduly compromises the safety of a patient and/or displays clinical misconduct behavior will receive a clinical grade of Unsatisfactory.

C. Field Work:

N/A

D. Other Evaluation Methods: 15% of grade

Standardized Kaplan Course Assessment Exam: 15% of the course grad. (This test will be multiple choice).

E. Grading Scale:

**V. Policies:**

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of the Learning Division, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of the Learning Division.

B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
- Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services,

without proper documentation of the original source.

- Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one's own work.
- Taking an exam for another student.
- Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
- Any of the above occurring within the Web or distance learning environment.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at [www.pstcc.edu/departments/swd/](http://www.pstcc.edu/departments/swd/).

D. Other Policies:

Make Up Policy:

The manner in which make up work, test(s), or assignments will be given for excused absences, as allowed by the Standard College Policies, shall be left solely to the discretion of the instructor.

Computer Usage Guidelines:

College-owned or -operated computing resources are provided for use by students of Pellissippi State. All students are responsible for the usage of Pellissippi State's computing resources in an effective, efficient, ethical and lawful manner. (*Pellissippi State Online Catalog*)

Cell Phone Usage:

Faculty recognizes the need for students to be able to be contacted in the event of an emergency. However, noise disturbance must be reduced during nursing activities. Therefore, all pagers, beepers, and cell phones are to be on vibrating mode while in the classroom and Skills Lab. During scheduled testing all cell phones are to be turned off and placed out of reach. Possession of a cell phone during testing constitutes cheating, so any student not in compliance with this rule will receive a grade of zero on the exam and be removed from testing. The use of cell phones by students in an assigned clinical area is prohibited. Please inform your family that in the case of an emergency, you may be reached by calling the agency to which you are assigned and speaking to the nursing faculty supervising your clinical assignment.