

PNE 101

FUNDAMENTALS OF NURSING

3 cr. (3-0)

COURSE DESCRIPTION:

Fundamentals of Nursing is a basic course which presents an introduction to the practice of nursing, the role of the practical nurse, and his/her function in the health care system. The student will learn the nursing process, the therapeutic environment, health maintenance in the health care system, and nursing interventions in specific situations. The Nurse Practice Act will be discussed, as well as end-of-life therapies and care.

PREREQUISITES:

Acceptance in the PNE Program

COURSE OBJECTIVES:

The student will:

1. Advocate professionalism and identify the main elements of professionalism.
2. Explain the purpose of the Nurse Practice Act.
3. Identify concepts relating to the Illinois Nurse Practice Act.
4. Identify the rights of patients, nurses, and students.
5. List the five steps of the nursing process and implementation of this process.
6. Initiate and utilize a basic medical/scientific vocabulary.
7. Formulate beginning assessment skills.
8. Identify OSHA guidelines for infection control.
9. Differentiate types of health care available.
10. Identify basic needs of individuals relating to their diagnosis.
11. Identify comfort measures for individuals in pain.
12. Identify the needs of a surgical patient regarding preoperative and postoperative care.
13. Develop beginning skills in reporting and recording.
14. Articulate basic skills learned in PNE 102 and PNE 103 to theory.

COURSE OUTLINE:

UNIT I INTRODUCTION, MEDICAL TERMINOLOGY

Reading Assignment:

Potter & Perry:

Chapter 2 The Health Care Delivery System

pp. 18-37

Chapter 12 Vital Signs

pp. 225-271

Vital Signs

1. Guidelines for Assessment
2. Factors Contributing to Variations of Vital Signs
3. Ranges of Acceptable Vital Sign Values

Health Care Delivery System

1. Levels of Health Care
2. Issues in Health Care Delivery
3. Future of Health Care

UNIT II

Reading Assignment:

<u>Potter & Perry:</u> Infection Control	pp. 197-207, 209-210, 213-217, 219-223
Williams & Hopper	pp. 98-103
Williams & Hopper Tuberculosis	pp. 594-596
Williams & Hopper Hepatitis	pp. 720-723
Williams & Hopper Acquired Immunodeficiency Syndrome	pp. 321-341
Williams & Hopper Bioterrorism	pp. 207-208, 222-226

INFECTION CONTROL

1. Chain of Infection
2. Course of Infection
3. Defenses Against Infection
4. Health Care-Associated Infections

Tuberculosis

1. Pathophysiology
2. Etiology
3. Signs/Symptoms
4. Treatment

Hepatitis

1. Pathophysiology
2. Etiology
3. Signs/Symptoms
4. Treatment

Human Immunodeficiency Virus

1. Pathophysiology
2. Etiology
3. Signs/Symptoms
4. Treatment

Bioterrorism

1. Primary Survey
2. Recognition of Potential Agents

UNIT III

Reading Assignment:

Potter & Perry:

Chapter 7	Nursing Process	pp. 98-134
Chapter 24	Managing Patient Care	pp. 631-648
	Nursing Theorist	Handout

NURSING PROCESS

1. Assessment
2. Diagnosis
3. Planning
4. Implementing
5. Evaluating

Professional Nursing Roles

1. Characteristics of Profession
2. Roles of a Professional Nurse
3. Code of Ethics
4. History of Nursing

UNIT IV

Reading Assignment:

Potter & Perry:

Chapter 29	Sleep	pp. 820-824; 829-830
Chapter 12	Promoting Comfort	pp. 837-867
Chapter 37	Surgical Patient	pp. 1085-1130

Williams & Hopper

Chapter 11	Nursing Care of Patients Having Surgery	pp. 174-203
------------	--	-------------

PROMOTING COMFORT***Pain***

1. Physiology of Pain
2. Factors Influencing Pain
3. Characteristics of Pain
4. Guidelines for Selecting Individualized Pain Therapies:
Pharmacological and Nonpharmacological

Sleep

1. Factors Affecting Sleep
2. Acute Care Setting

Nursing Care of Patients Having Surgery

1. Classification of Surgeries
2. Surgical Nursing Care: Inpatient and Outpatient
3. Intraoperative Factors Influencing the Postoperative Course
4. Interventions to Prevent Postoperative Complications
5. Patient Education: Preoperative and Postoperative

UNIT V ELIMINATION

Reading Assignment:

Potter & Perry:

Chapter 32 Urinary Elimination pp. 912-947

Chapter 33 Bowel Elimination pp. 948-990

Urinary Elimination

1. Factors Influencing Urinary Elimination
2. Alterations in Urinary Elimination
3. Urinary Diversions
4. Common Diagnostic Procedures

Bowel Elimination

1. Alterations in Bowel Elimination
2. Bowel Diversions
3. Common Diagnostic Procedures

UNIT VI

Reading Assignment:

Williams & Hopper

Chapter 10 Nursing Care of Patients with Cancer pp. 143-172

Potter & Perry:

Chapter 23 Loss and Grief pp. 609-630

Nursing Care of Patients with Cancer

1. Introduction to Cancer Concepts
2. Common Diagnostic Procedures
3. Care of the Client Receiving Chemotherapy or Radiation Therapy
4. Concept of Hospice
5. Oncological Emergencies

LOSS AND GRIEF

1. Phases of Grieving
2. Nursing Role in Assisting Clients and Families
3. Therapeutic Communication
4. Post-Mortem Care
5. Nurse's Own Loss Experience

UNIT VII Reading AssignmentPotter & Perry:

Chapter 31 Nutrition pp. 869-911

Williams & Hopper

Chapter 48 Central Nervous System Disorders pp. 1102-1105

ALZHEIMERS

1. Aging and Dementia
2. Care and Treatment Techniques
3. Behavior Issues
4. Family Roles and Community Support

Nutrition

1. Principles of Nutrition
2. Foundations of Nutrition
3. Alternative Food Patterns
4. Developmental Needs
5. Goals of Enteral and Parenteral Nutrition

COURSE REQUIREMENTS:

1. Attendance is essential in order to learn all material. Please refer to the Nursing Handbook attendance policy. Regardless of attendance, the student is responsible for all materials presented, announcements and missed assignments.
2. If the student is not comprehending course information or is concerned about his/her progress in class, it is the student's responsibility to keep the instructor informed of these concerns. A student may contact the instructor for an appointment to discuss their progress at anytime during the semester.
3. Students must maintain a "C" average in this course. Anything less than a "C" will result in an "E" for the course.
4. Exam Policy. All 7 unit exams must be taken. Students are expected to take all exams during their scheduled class period. No exams will be given in advance. In the event that it shall be necessary for a student to miss an exam they may take a make-up exam in the Learning Resource Center (LRC). Please take a photo ID for proper identification. Students are not required to notify the instructor regarding their absence. Students tardy on exam day will be given the remainder of the time frame scheduled for the class to complete the exam. If any student has completed their exam and turned it into the instructor, it will then become necessary for the tardy student to take the make-up exam.

Learning Lab and library hours for this semester are located on the college website.

Make-up exams will be administered as follows:

First make-up exam: The student will have 7 calendar days from the date of the scheduled exam to take a make-up exam without penalty. After the 7th calendar day the student will receive a 10% penalty on that exam grade. The student should have the make-up exam completed before the next scheduled class to prevent the penalty.

Additional make-up exams: The student will have 7 calendar days from the date of the scheduled exam to take a make-up exam with a 10% penalty on that exam grade. After the 7th calendar day the student will receive a 20% penalty on that exam grade. The student should have the make-up exam completed before the next scheduled class to prevent the penalty.

All make-up exams will be similar, yet different from the exam given in class. Students should be prepared for an exam that will include multiple choice, true/false, short answers, fill in the blanks, and essay. Make-up exam grades may be seen in the instructor's office beginning 8 calendar days after the scheduled exam.

5. Extra credit assignments may be given to enhance student learning. Points received will be added at the end of the semester. Extra credit points will only be assigned if the exam is taken in class. Verification of work done in the LRC or computer lab must be received by the instructor prior to the exam. **Extra credit points will be applied to improve a passing grade for the course.**
6. Any student with a "C" average or lower after the third unit exam will be required to make an appointment with the instructor to review their course progress to develop an action plan for their progress. Failure to make an appointment may jeopardize your success in this course.
7. An ATI test in Fundamentals of Nursing will be administered at the end of the course. All students must take this exam. The ATI will be considered your final exam. The ATI test in Fundamentals incorporates material from PNE 101, 102 A/B, and 103. Students must attain a **Level 2** Score on this test. Students who do not attain a **Level 2** Score will be given an "incomplete" in the course. Students will be allowed a total of two attempts to attain a **Level 2** Score on this exam. After a second unsuccessful attempt has been received the student will then receive an "E" for the course, regardless of unit exam scores. **Please consult your nursing handbook.**
8. Courtesy: Common courtesy and etiquette are expected at all times. It is expected that as an adult learner you want to be here. Unnecessary talking, texting, surfing the web, tardiness and early checkouts are a distraction to the instructor and peers. Any disruptive student will be asked to drop the course.

9. Cell Phones: All cell phones, pagers, etc., should be turned off in the classroom. The ringing of phones, especially those with musical tones, is disruptive to the class. If you **must** maintain contact, place it on vibrate on the desk and leave the classroom if you receive a call. Students that believe they must be available by phone during an exam should plan on taking a make-up exam. No cell phone will be used for any reason during an exam. Students that turn off their cell phones for any reason may be contacted in case of emergency by having someone call the college and asking for Security at ext. 8218 or the nursing office at ext. 8498. They will come to the classroom to inform the student. Please make your contact person(s) aware of your college schedule.

10. Any student utilizing the computer lab or Learning Resource Center for assignments should always be prepared to present identification, which includes a photograph.

Computer Use. The nursing profession has entered into the 21st century and computerization is a fact of life in the implementation of patient care. The computer can assist the student to have contact with their fellow classmates, and more importantly, is an excellent tool for health resources. There are computers located in the Career Assistance Lab (room C238); hours for the computer lab are still being considered, check on the door to the classroom. There are several computers located in the JALC Library. Computers are located in most city libraries; contact your local library for availability and hours.

Students are required to register on the Blackboard and ATI website as supplements to this course. It is best to use Internet Explorer for Blackboard. If a student has a previous account, you may directly request enrollment to the class.

Blackboard

www.jalc.edu

- Select: Quick Reference
- Select: Blackboard
- Select: Blackboard Login
- Select: Create Account

Fill in blank fields

- Select: Submit

Request enrollment in PNE 101 Fundamentals of Nursing

ATI Website

www.atitesting.com

- Select: sign-in (top right)
- Select: register (top right)

Follow all prompt to create a username and password

Record your ID user number as you will be required to have this for all ATI testing!

Course Material

All power point material, tests, handouts, pictures, instructional (written and computerized) materials including Blackboard notes are property of the instructor and John A. Logan College and are forbidden to be sold or copied for other students. Violation will result in removal from the program and/or possible legal repercussions.

Academic Honesty. Individuals are expected to demonstrate integrity in their academic endeavors throughout their college careers. Practices such as cheating on examinations, plagiarism, fraud, misrepresentation or falsification of data, theft, destruction of exams or papers, alteration of records and/or communication of exam questions, and other acts of dishonesty are not acceptable behavior. Any of these practices will result in failure of the course and may result in dismissal from the Nursing Program. Application procedure for re-entry will be required.

Student Success Center. Tutors may be obtained through the Student Success Center. Contact the staff in C219 if this service is desired. John A. Logan College will make reasonable accommodations for students with documented disabilities under Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990. Any student with a disability that may have some impact on work in this class, who feels she/he needs an accommodation, should make an appointment with the Coordinator of Services for Students with Disabilities on campus, Jennifer Frost, Room C219B, Ext. 8516. Before services can be provided, this advisor must determine eligibility and arrange appropriate academic adjustments. ***It is the student's responsibility to register in advance of a school term with this office and to turn in a schedule each term to ensure that there is every opportunity for success in this class.***

English Writing Center/Tutoring. For assistance with writing assignments in any college course, students are encouraged to visit "The Write Place" in Room E109. English instructors are available for one-on-one tutoring each semester during hours posted at the center.

Financial Aid. Students who receive financial assistance and completely withdraw from classes prior to 60% of the semester being completed (approximately 2-3 weeks after midterm) could be responsible to return a portion of their Federal Pell Grant award. Prior to withdrawing from courses, students should contact the Financial Aid Office.

Course Withdrawal Information. It is expected that you will attend this class regularly. If you stop attending for any reason, you should contact your advisor and withdraw officially to avoid the posting of a failing grade (an E) to your transcript. It is also advisable to discuss the situation with your instructor before dropping.

METHOD OF EVALUATION:

(7) Unit Exams = 100%

Refer to ATI information in Course Requirements regarding the final exam.

Exams will be scored as follows:

A	=.....	94-100
B	=.....	93-85
C	=.....	78-84
E	=.....	77-0

METHOD OF PRESENTATION:

1. Lecture and Discussion
2. Visual Aids
3. Handouts
4. Critical Thinking Activities
5. Videos

TEXTS:

Potter, P. & Perry, A. (2007). Basic Nursing: Essentials for Practice (6th ed.)
Mosby; St. Louis, MO. ISBN-13: 978-0-323-03937-6 ISBN-10: 0-323-03937-5

William & Hopper (2007). Understanding Medical Surgical Nursing (3rd ed.)
F. A. Davis. ISBN-13: 978-0-8036-1491-8 ISBN-10: 0-8036-1491-8

Taber's cyclopedia Medical Dictionary (21st ed.) 2009. Philadelphia: F.A. Davis
ISBN: 0-8036-1559-5 (index) ISBN: 0-8036-1560-1 (non-index)
ISBN: 0-8036-1561-8 (deluxe)

INSTRUCTOR:

Pam Hays, RN, MSN
Office: G218B
Ext. 8447
Email: pamhays@jalc.edu

Denise Orrill, RN, MSN, FNP-BC
Office: DuQuoin Mantracon
Phone: 618-542-2393
email: deniseorrill@jalc.edu

DATE:

Fall, 2009

John A. Logan College Telephone Numbers

Carterville and Williamson County	985-3741 (operator)
	985-2828 (direct extension access)
Carbondale and Jackson County	549-7335 (operator)
	457-7676 (direct extension access)
Du Quoin	542-8612
West Frankfort.....	937-3438
Crab Orchard, Gorham, & Trico areas	1-800-851-4720
TTY (hearing-impaired access)	985-2752

John A. Logan College does not discriminate on the basis of race, religion, color, national origin, disability, age, sexual orientation, or gender orientation.