

**STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK**



**COURSE OUTLINE
LPNC 101 – PN Fundamentals**

Prepared By: Christine Thompson

**SCHOOL OF SCIENCE, HEALTH, AND CRIMINAL JUSTICE NURSING
DEPARTMENT**

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Revised January 2022 by Christine Brassard

A. TITLE: PN Fundamentals

B. COURSE NUMBER: LPNC 101

C. CREDIT HOURS: 8

D. WRITING INTENSIVE COURSE: No

E. COURSE LENGTH: 15 weeks

F. SEMESTER(S) OFFERED: Fall

G. HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:

- 3 lecture hours per week
- 3 lab hours per week
- 12 clinical hours per week

1 credit = 1 hour lecture or three hours of lab/clinical

H. CATALOG DESCRIPTION:

This course examines the evolution of nursing including current trends and introduces the health care delivery system to the student. Communication techniques, including documentation, are explored. Legal and ethical considerations and the role of the LPN within healthcare are examined. Students will be encouraged to utilize the nursing process and critical thinking in providing nursing care to clients who are at various points on the health-illness continuum. In lab, students will develop skills fundamental to the practice of nursing. Lab and theoretical content will be applied in the long-term care setting.

I. PRE-REQUISITES/CO-REQUISITES:

- Practical nursing certificate students only
- BIOL 217 Human Anatomy and Physiology I
- ENGL 101 Composition and the Spoken Word
- LPNC 100 Drug Dosage Calculations and Pharmacology

J. GOALS (STUDENT LEARNING OUTCOMES):

By the end of this course, the student will be able to:

Course Student Learning Outcome (SLO)	Program SLO
Apply the nursing process to client care in a safe, holistic and cost-effective manner.	Demonstrate appropriate care to clients with stable and predictable outcomes. Demonstrate proper technique with nursing skills, use of client care equipment and technology in a cost-effective manner.
Exhibit behaviors which reflect professional growth, accountability for nursing practice, and evidence-based nursing care.	Understand client disorders and nursing care utilizing current evidence-based practice.
Demonstrate the ability to communicate and interact effectively.	Demonstrate developmentally appropriate, respectful and effective therapeutic communication skills. Collect data and health histories for individuals using standardized tools in an organized pattern, thereby contributing to nursing care plan. Demonstrate caring behaviors toward client and his/her significant others, thereby assisting coping with stressful events and changes in health status.
Demonstrate understanding of delegation to and supervision of non-licensed health care members.	Demonstrate accountability for legal, ethical, and regulatory parameters within the scope of practice of the practical nurse. Identify clinical scenarios and situations that fall outside of the PN scope of practice. Observe, reflect and participate in self-performance and peer-to-peer teaching.

K. TEXTS:

Author	Title	Publisher
Burton, M., Smith, D., and Ludwig, L. (2019)	Fundamentals of Nursing Care Concepts, Connections & Skills, 3 rd Edition	F. A. Davis Company
ATI Essential Basic Package		Assessment Technologies Institute

L. REFERENCES: None

M. EQUIPMENT:

- Portable computer with internet access
- Clear plastic ID holder
- SUNY Canton Student Identification
- Navy blue scrub pants, white nursing scrub top, and nursing program uniform patch (goes on right shoulder, available at Campus Store)
- White, crew neck, short-sleeve T-shirt (to wear under the scrub top if needed), white socks, and clean sneakers/nursing shoes
- Pen light, blood pressure cuff, and stethoscope
- Folder for clinical papers

N. GRADING METHOD:

A = 90 – 100%

B+ = 85 - 89%

B = 80 – 84%

C+ = 75 – 79%

C = 70 – 74%

D+ = 65 – 69%

D = 60 – 64%

F = 59% and below

A grade of C+ or better is required for successful completion of all nursing courses and a grade of C or better is required for all co-requisite courses to continue on in the program.

O. MEASUREMENT CRITERIA/METHODS:

Activity	Purpose	Percentage of Course Grade
Formative Exams (6 Exams, 50 questions each, 10% each)	To guide the level of knowledge necessary for the student to be able to make the judgments and decisions required by the program's SLOs. To help students identify their strengths	60%
	and weaknesses and target areas that need work To help faculty recognize where students are struggling and address problems immediately	

Homework Assignments/Quizzes	To help students identify their strengths and weaknesses and target areas that need work.	5%
Standardized Testing (ATI)	To help students identify their strengths and weaknesses and target areas that need work. To evaluate student learning at the end of the course by comparing the students' learning to the ATI national benchmark. To mimic the NCLEX-PN exam	10%
Comprehensive Final Exam (100 questions)	To evaluate students' accomplishment of the course SLOs at the end of the semester.	25%
Lab Skills Proficiency	To demonstrate beginning skill in client rapport, nursing skills and assessment techniques.	P/F
Clinical Evaluation	To begin to scaffold critical thinking abilities, evidence-based practice and client-centered care.	P/F
TOTAL		100%

P. DETAILED COURSE OUTLINE:

1. Infection Control Principles
2. Professional Issues
 - a. Succeeding as a PN student
 - b. Nursing history
 - c. Nursing theory
 - d. Role of the LPN in healthcare
 - e. Professional organizations
3. Health Care Delivery Systems
4. Healthcare agencies
5. Healthcare team members and responsibilities
6. Models of care
7. Current Trends in Health Care
 - a. Aging population
 - b. Managed care
 - c. Health career economics

8. Legal and Ethical Issues in Health Care
 - a. Regulation of practical nursing
 - b. Legal aspects
 - i. Physician's orders
 - ii. Documentation
 1. Client records
 2. Guidelines for documenting
 3. Confidentiality
 4. Documentation systems
 5. Documentation models
 6. Reporting
 - c. Incident reports
 - i. Consent
 - ii. Controlled substances
 - iii. Harassment
 - iv. Professional boundaries
 - d. Ethical
 - i. Ethical and moral concepts
 - ii. Nursing ethics
9. Therapeutic Communication
 - a. Factors influencing communication
 - b. Types of communication
 - c. Therapeutic communication techniques
 - d. Interviewing clients
10. Cultural Considerations
 - a. Transcultural care
 - b. Communication considerations
11. Nursing Process and Critical Thinking
 - a. Problem solving techniques
 - b. Reasoning
 - c. LPNs and their role in the nursing process
 - i. Assessment
 - ii. Diagnosis
 - iii. Planning
 - iv. Implementation
 - v. Evaluation
12. Health-Illness Continuum
13. Admission and Discharge Responsibilities
14. Nutrition, Fluid and Electrolytes (F&E), Acid-Base Balance
15. Nutrients and minerals
 - a. Normal diet
 - b. Special diets
 - c. Fluids
 - d. Electrolytes
 - e. Regulating F&E
 - f. Acid-base balance
 - g. Acid-base imbalances
16. Respiratory acidosis

17. Respiratory alkalosis
18. Metabolic acidosis
19. Metabolic alkalosis

Q. LABORATORY OUTLINE:

- I. Infection control
 - a. Handwashing
 - b. Personal protective equipment
 - c. Establishing and maintain a sterile field
 - d. Applying sterile gloves
- II. Activity, rest and sleep
 - a. Passive range of motion
 - b. Moving a client in bed
 - c. Transferring a client
 - d. Assisting a client to ambulate
 - e. Massage
 - f. Applying heat and cold
- III. Hygiene
 - a. Bathing
 - b. Hair care
 - c. Nail care
 - d. Oral care
 - e. Cleaning and maintaining ear and visual aids
 - f. Changing a bed
- IV. Assessment
 - a. Vital signs
 - i. Temperature
 - ii. Pulse
 - iii. Respiration
 - iv. Blood pressure
 - v. Pain
 - vi. Pulse oximetry
 - b. Focused physical assessment
 - i. General appearance
 - ii. Neurological Status
 - Level of consciousness (LOC)
 - Verbal response
 - Motor response
 - PERRLA
 - iii. Skin
 - iv. Cardiovascular
 - Apical pulse
 - Peripheral pulses
 - v. Respiratory
 - Posterior thorax
 - Anterior thorax
- vi. Abdominal assessment
- vii. Genitourinary

- I&O
 - Distended bladder
 - g. Musculoskeletal
- c. Nutrition, Fluid and Electrolytes, Acid-Base Balance
 - i. Feeding a client
 - ii. Intake and output
- d. Elimination
 - i. Administering an enema
 - ii. Specimen collection
- e. Medication administration
 - i. Oral
 - Tablets
 - Capsules
 - Liquids
 - ii. Injections
 - IM
 - Subcutaneous
 - Intradermal
 - iii. Suppositories
 - iv. Topicals
 - v. Eye drops/ointments
 - vi. Ear drops
 - vii. Inhalation