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

MASTER SYLLABUS

LPNC 101 Practical Nursing Fundamentals

CIP Code: 51.3901

Created by: Angelina Glover DNP, MSN, RN, CCRN & Meghan Spadaccini

SCHOOL OF SCIENCE, HEALTH, AND CRIMINAL JUSTICE
Nursing Department
Fall 2025

A.   TITLE: Practice Nursing Fundamentals

B.   COURSE NUMBER: LPNC101

C.   CREDIT HOURS: 8 credit hours

# Credit Hours per Week	8
# Lecture Hours per Week	3
# Lab Hours per Week	3
Other per Week (Clinical)	12

D.   WRITING INTENSIVE COURSE:

Yes	
No	X

E.   GER CATEGORY: N/A

F.   SEMESTER(S) OFFERED:

Fall	X
Spring	
Fall and Spring	

G.   COURSE 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.

H.   CO-REQUISITES:

PRACTICAL NURSING CERTIFICATE STUDENTS ONLY
        LPNC 100 Drug Dosage Calculations and Pharmacology
        BIOL 217 Human Anatomy and Physiology I
        ENGL 101 Composition and the Spoken Word
        PSYC 101 Introduction to Psychology

I. STUDENT LEARNING OUTCOMES:

Course Student Learning Outcome [SLO]	End of Program Student Learning Outcome [EPSLO]	GER	ISLO & Subsets
a. Students will be able to apply effective written and oral communication skills to document patient care accurately and convey critical information to the healthcare team and patients.	By the end of the Practical Nursing (PN) program, the student will be able to demonstrate effective communication strategies to document and deliver written and oral communications that are developmentally appropriate, culturally sensitive, and comprehensive in conveying all required information to patients, families, and healthcare team members.	NA	1 [W, O]
b. Students will be able to apply foundational critical thinking skills and evidence-based practice knowledge to assess patient needs, translate clinical data, and implement appropriate scope of practice nursing intervention.	By the end of the Practical Nursing (PN) program, the student will be able to utilize critical thinking skills and evidence-based practices to analyze patient data and implement appropriate nursing interventions within the PN scope of practice, ensuring safe and	NA	2 [CA, IA & PS]

	effective patient care.		
c. Students will be able to employ foundational nursing process knowledge to deliver care that is safe, ethical, and culturally competent.	The PN student will be able to perform foundational nursing skills safely by applying basic procedures and techniques, organizing patient care tasks efficiently, and evaluating their performance to ensure accuracy and competency in various clinical settings.	NA	3 [IM]
d. Students will be able to apply nursing ethical principles and demonstrate cultural competence in patient care.	By the end of the Practical Nursing (PN) program, the student will be able to exhibit nursing ethical reasoning, collaborate with multi-disciplinary teams, and demonstrate cultural competence to work effectively with diverse healthcare teams and provide patient care that is respectful, inclusive, and aligned with nursing ethical standards.	NA	4 [ER, IK, & T]
e. Students will be able to apply foundational delegation skills by identifying appropriate tasks to delegate to unlicensed assistive personnel.	The PN student will manage patient needs, implement appropriate interventions within their scope, evaluate care	NA	5

	effectiveness, and collaborate with healthcare teams to enhance outcomes, all within ethical and legal practice boundaries of the PN licensure.		

KEY	Institutional Student Learning Outcomes [ISLO 1 – 5]
ISLO #	ISLO & Subsets
1	**Communication Skills** Oral [O], Written [W]
2	**Critical Thinking** *Critical Analysis [CA], Inquiry & Analysis [IA] , Problem Solving [PS]*
3	**Foundational Skills** *Information Management [IM], Quantitative Lit, /Reasoning [QTR]*
4	**Social Responsibility** *Ethical Reasoning [ER], Global Learning [GL],* *Intercultural Knowledge [IK], Teamwork [T]*
5	**Industry, Professional, Discipline Specific Knowledge and Skills**

J.   APPLIED LEARNING COMPONENT:

Yes	X
No	

If yes, select [X] one or more of the following categories:

Classroom / Lab	X	Community Service	
Internship		Civic Engagement	
Clinical Practicum	X	Creative Works/Senior Project	
Practicum		Research	
Service Learning		Entrepreneurship [program, class, project]	

K.   TEXTS: ATI Comprehensive Package; Assessment Technologies Institute

L.   REFERENCES: https://www.canton.edu/media/pdf/PN-Handbook.pdf

M.   EQUIPMENT: Technology Enhanced Classroom

N.   GRADING METHOD:

Clinical: P/F

Lab and Lecture: A-F
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

NOTE: Student must pass with a C+ and Pass Lab and Clinical to proceed in the program.
NOTE: 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.   SUGGESTED MEASUREMENT CRITERIA/METHODS:

Written assignments including discussion board and nursing case study analysis.
Formative Exams
Homework Assignments/Quizzes
Standardized Testing (ATI)
Comprehensive Final Exam
Lab Skills Proficiency
Clinical Evaluation
Nursing Simulations

P.   DETAILED COURSE OUTLINE:

I. Management of Care (Safe, Effective Care Environment)
   A. Health Care Delivery Systems
   B. The Interprofessional Team
   C. Ethical Responsibilities
   D. Legal Responsibilities
   E. Information Technology
   F. Delegation and Supervision
   G. Nursing Process
   H. Critical Thinking and Clinical Judgment
   I. Admissions, Transfers, and Discharge
II.   Safety and Infection Control (Safe, Effective Care Environment)
   A. Medical and Surgical Asepsis
   B. Infection Control
   C. Client Safety
   D. Home Safety
   E. Ergonomic Principles
III.   Nursing Throughout the Lifespan (Health Promotion)
   A. Health Promotion and Disease Prevention
   B. Client Education
   C. Young Adults (20 to 35 years)
   D. Middle Adults (35 to 65 years)
   E. Older Adults (65 years and Older)
IV.   Health Assessment/Data Collection (Health Promotion)
   A. Data Collection and General Survey
   B. Vital Signs

       C.   Head and Neck
       D.   Thorax, Heart, and Abdomen
       E.   Integumentary and Peripheral Vascular Systems
       F.   Musculoskeletal and Neurosensory Systems

V.   Psychosocial Integrity A. Therapeutic Communication
       B. Coping
       C. Self-Concept and Sexuality
       D. Cultural and Spiritual Nursing Care
       E. Grief, Loss, and Palliative Care

VI.   Basic Care and Comfort (Physiological Integrity)
       A. Hygiene
       B. Rest and Sleep
       C. Nutrition and Oral Hydration
       D. Mobility and Immobility
       E. Pain Management
       F. Complementary and Alternative Therapies
       G. Bowel Elimination
       H. Urinary Elimination
       I. Sensory Perception

VII.   Pharmacological and Parenteral Therapies (Physiological Integrity)
       A. Pharmacokinetics and Routes of Administration
       B. Safe Medication Administration and Error Reduction
       C. Individual Considerations of Medication Administration

VIII.   Reduction of Risk Potential (Physiological Integrity)
       A. Specimen Collection for Glucose Monitoring
       B. Airway Management
       C. Enteral Feedings

IX.   Physiological Adaptation (Physiological Integrity) A. Pressure Injury, Wounds, and Wound Management
       B. Fluid Imbalances
       C. Electrolyte Imbalances

Q.   LABORATORY OUTLINE:

I.   Infection Control and Isolation
       A. Performing Hand Hygiene
       B. Applying Personal Protective Equipment (PPE) (Clinical*)
       C. Removing Personal Protective Equipment (PPE) (Clinical*)
       D. Preparing and Establishing a Sterile Field
       E. Applying Sterile Gloves
       F. Removing and Applying Dry Sterile Dressings & wound irrigation
       G. Obtaining Cultures

II.   Safety and Mobility
       A. Transferring Clients (Clinical*)
       B. Assisting with Ambulation (Clinical*)
       C. Moving and Turning Clients in Bed (Clinical*)
       D. Using Safe and Effective Transfer Techniques (Clinical*)
       E. Safe Use of Restraints

F. Use of Safe Body Mechanics (Clinical*)
III. Hygiene
    A. Bathing: Complete Bed Bath (Clinical*)
    B. Providing Oral Care
    C. Providing Denture Care
    D. Providing Perineal Care: Female and Male (Clinical*)
    E. Providing Foot Care
    F. Making and Maintaining an Unoccupied Bed (Clinical*)
    G. Making and Maintaining an Occupied Bed (Clinical*)
    H. Cleaning and Maintaining Ear and Visual Aids
IV. Nutrition
    A. Assisting a Client with Eating
    B. Administering Enteral Nutrition
    C. Obtaining a Capillary Blood Sample for Glucose Testing
    D. Aspiration Precautions
    E. Intake and Output
    F. Insulin Pumps
V. Data Collection
A. Vital Signs
    i. Temperature
    ii. Pulses
      iii. Blood Pressure
      iv. Oxygen Saturation
      v. Respirations
      vi. Pain
B. Physical Data Collection
    i. General Survey
    ii. Focused Data Collection of Systems
    iii. Head-to-Toe Data Collection of Systems
C. Gas Exchange and Oxygenation
    i. Administering Oxygen
    ii. Collecting a Sputum Specimen
    iii. Deep breathing, coughing and leg exercises post-operative
D. Elimination
    i. Inserting and Removing an Indwelling Catheter: Male and Female
    ii. Assisting with Use of a Urinal
    iii Positioning and Removing a Bedpan
    iv. Providing Colostomy and Ostomy Care
    v. Administering Enemas
    vi Obtaining a Urine Specimen from an Indwelling Catheter
    vi. Obtaining Occult Blood Sample
    vii. Inserting and removing external urinary catheters
E. Tissue Integrity
    i. Obtaining a Wound Culture
    ii. Data Collection for Pressure Ulcer Development
    iii. Emptying wound drainage systems

      v.   Treating pressure injuries
      vi.   Identifying pressure injuries

F. Medication Administration

    i. Preparing and Administering Oral Medications

    ii. Preparing and administering Ophthalmic Medications

    iii. Preparing and Administering Otic Medications

    iv. Preparing and Administering Nasal Medications

    v. Preparing and Administering Intravaginal Medications

    vi. Preparing and Administering Transdermal Medications

    vii. Preparing and Administering Rectal Medications

    viii. Preparing and Administering Enteral Medications

    ix. Preparing and Administering Metered-Dose Inhaler Medications

    x. Preparing and Administering Subcutaneous Medications

    xi. Preparing and Administering Intradermal Medications

    xii. Preparing and Administering Intramuscular Medications

    xiii. Locating Intramuscular Injection Sites

    xiv. Recapping Needles Using a One-Handed Technique

    xv. Removing Medication from a Vial