

PNV 1443
Nursing Fundamentals and Clinical
Fall

The information in the [CCC Health Sciences Student Handbook](#) applies to this course, PNV 1728.

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Class Time(s)/Section: 8-12 *Tuesday and Wednesday*
8-12; 1-3 *Thursday and Friday*
6:30-3:00 *Clinical Days*

Course Description

The course provides the student with the basic knowledge and skills necessary to care for the individual in wellness and illness and is applicable across the life span, as well as demonstration and supervised practice of the fundamental skills related to the practical nursing. (13 sch: 6 hrs lecture, 150 hr. lab, 90 hr. clinical).

Pre/co-requisites: The course requires concurrent registration in PNV 1213. To progress to the next semester, passing grades must be achieved in PNV 1443 and PNV 1213. If a passing grade is not maintained, both courses must be repeated concurrently upon re-admission.

Textbook(s) and Material(s)

Cooper, K. & Gosnell, K. (2015). *Foundations of Adult Health Nursing* (7th ed.). St. Louis, MO: Elsevier.

Manning, L. & Rayfield, S. (2014). *Nursing Made Insanely Easy*. Duluth, GA: I CAN Publishing, Inc.

Manning, L. & Rayfield, S. (2014). *Pharmacology Made Insanely Easy*. Duluth, GA: I CAN Publishing, Inc.

Morris, D. (2014). *Calculate with Confidence* (6th ed.). St. Louis, MO: Elsevier.

Myers, E. (2012). *LPN Notes*. (3rd ed.). Philadelphia, PA: F. A. Davis.

Vallerand, A. & Sanoski, C. (2014). *Davis's Drug Guide for Nurses* (14th ed.) Philadelphia, PA: F. A. Davis.

Venes. D. (Ed.). (2014). *Taber's Cyclopedic Medical Dictionary* (22nd ed.). Philadelphia, PA: F. A. Davis.

ATI Fundamentals of Nursing
ATI Pharmacology
ATI Drug Calculation

Students must have access to a computer, internet and printer!

Student Learning Outcomes

Upon completion of this course, the student will be able to do the following:

1. Develop an understanding of practical nursing to include the scope of practice, role, and Board of Nursing administrative code. (LPN 1)*
 - (a) Discuss the scope of practice for the practice nurse.
 - (b) Define and describe common nursing roles for the practical nurse
 - (c) Discuss the Board of Nursing administrative code for practical nursing.

2. Develop an understanding of a safe and effective care environment for client care and health-care personnel. (LPN 1)*
 - (a) Identify the roles of the members of the health-care team.
 - (b) Describe the nurse's role as a client advocate.
 - (c) Explain client rights and standards of care to include the current National Patient Safety Goals.
 - (d) Discuss the ethical standards of nursing practice and evidence-based practice.
 - (e) Discuss advance directives.
 - (f) Discuss how priorities are established in client care and assignments.
 - (g) Discuss the importance of continuity of care to include providing and receiving report, the referral process, and importance of client and family teaching.
 - (h) Describe the use of the nursing process in the delivery of care to clients.
 - (i) Explain the procedures for documentation to include legal responsibilities, terminology, and approved abbreviations.
 - (j) Discuss surgical and medical asepsis to include the handling of hazardous and infectious materials.

- (k) Discuss safety in client care for the health-care setting to include the use of restraints and safety devices, Occupational Safety and Health Administration (OSHA), and internal and external disaster plans.
 - (l) Discuss home safety.
 - (m) Discuss the nurse's legal responsibilities regarding client abuse/neglect.
3. Understand the impact of growth and development in the care of clients and the family. (LPN 1,2)*
- (a) Identify normal growth and developmental milestones that occur across the life span.
 - (b) Discuss "Maslow's Hierarchy of Needs". And how needs change throughout the life span.
4. Promote and support the emotional, mental, and social well-being of clients. (LPN3, 6)*
- (a) Discuss verbal, non-verbal, therapeutic, and non-therapeutic communication.
 - (b) Explain how cultural beliefs and practices influence interpersonal relationships, the health of clients and families, death, dying, the grief process, and nursing considerations.
 - (c) Discuss the impact of death, dying, the grief process, and related nursing considerations.
5. Discuss basic nutritional requirements and relate them to health promotion and maintenance. (LPN 4, 8)*
- (a) Identify the essential nutrients and their impact on health.
 - (b) Describe national guidelines.
 - (c) Describe the types of nutritional support systems and nursing responsibilities.
 - (d) Discuss nutritional needs across the life span.
6. Identify nursing skills and nursing considerations that promote the physical health and well-being of clients to include but not be limited to: (LPN 1,5,6,7,8)*
- (a) Focused assessment by systems
 - (b) Vital signs including pain
 - (c) Mobility skills including body mechanics
 - (d) Hygiene (include client and nurse)
 - (e) Nutrition and oral hydration
 - (f) Elimination
 - (g) Non-pharmacological comfort intervention including sleep and rest
 - (h) Palliative care
 - (i) Pre and Post-operative care
 - (j) Respiratory care
 - (k) Wound care
 - (l) Neurological care

7. Recognize safe effective client care related to administration of medications. (LPN 1,4,5)*
 - (a) Discuss references available to assist the practical nurse in administering medications.
 - (b) Discuss methods of obtaining medications for patient care.
 - (c) Discuss documentation methods.
 - (d) Discuss the rights of medication administration.
 - (e) Discuss nursing responsibilities in the administration of controlled substances.
 - (f) Discuss client and family education in relation to drug administration to include discharge planning.
 - (g) Identify general classifications of drug with expected outcomes, side effects, adverse effects, and nursing interventions.
8. Explain diagnostic tests and procedures and nursing considerations. (LPN 1,2,4,5,8)*
9. Demonstrate knowledge of the scientific principles and technical skills necessary to perform nursing procedures. (LPN 1,3,4,5,6,7,8)*
 - (a) Demonstrate communication techniques.
 - (b) Demonstrate skill in observing, reporting, and recording information.
 - (c) Demonstrate the use of information technology in client care.
 - (d) Perform the following nursing procedures satisfactorily utilizing standard precautions in either the skills and/or clinical laboratory to include but not be limited to:
 - (1) Basic data collection with focused assessment, vital signs, height, and weight
 - (2) Personal hygiene skills, incontinent care, bed-making, use of basic equipment, care of patient environment
 - (3) Body mechanics and positioning
 - (4) Isolation procedures
 - (5) Pre-op/post-op care
 - (6) Specimen Collection
 - (7) Surgical asepsis
 - (8) Wound-care skills
 - (9) System specific skills
 - (a) Urinary –catheter insertion and removal, straining urine, and bladder irrigation and scanning
 - (b) Musculoskeletal – basic traction maintenance, basic cast care, and neurovascular checks
 - (c) Gastrointestinal – enemas, checking for and removing fecal impactions, rectal tubes, insertion and care of enteral tubes and feedings, and basic ostomy care
 - (d) Respiratory – oxygen therapy and care, oxygen saturation monitoring, suctioning (oral and nasopharyngeal), maintenance of the oral airway, and tracheostomy care and suctioning.
 - (e) Reproductive skills – breast exam, testicular exam, douching, and sitz bath

- (f) Neurological skills – seizure precautions and basic neurological checks
 - (g) Integumentary – application of heat and cold, application and removal of restraints.
 - (h) Endocrine – capillary glucose monitoring
 - (i) Cardiovascular – circulatory checks
10. Perform basic mathematical procedures and conversions (LPN 1,4,5)*
11. Apply the principles of medication administration (LPN 1,5,7,9)*
- (a) Perform calculations needed for medication administration.
 - (b) Utilize appropriate terminology and approved abbreviations in the documentation of medication administration.
 - (c) Practice receiving and processing health-care provider orders.
 - (d) Demonstrate the role of the practical nurse in the administration of medications.
 - (e) Demonstrate the different methods of drug administration in laboratory and/or clinical practice.
 - (f) Collect data and communicate therapeutic effectiveness, side effects, or adverse reactions to medications.
 - (g) Collect data and communicate need for PRN medications.
 - (h) Instruct a client in self-administration of prescribed medications.

***Section/Activity in the NCLEX-PN® Test Plan**

LPN 1= Safe and Effective Care Environment

LPN 3= Psychosocial Integrity

LPN 4= Physiological Integrity

LPN 5= Clinical Problem Solving Process (Nursing Process)

LPN 6= Caring

LPN 7= Communication and Documentation

LPN 8= Teaching/Learning

Attendance/tardiness

Regular class attendance and punctuality are expected. All arrangements for completing missed work are to be made with the instructor. It is the student's responsibility to initiate these arrangements. The number of times a student may be absent can be found in your College Catalog on-line at www.coahomacc.edu and click Health science Section 3. Absences are allowed as follows: One (1) semester hour course – 1 absence; two (2) semester hour course – 2 absences; three (3) semester hour course or higher– 3 absences.

Tardiness is anything past the scheduled class time. Tardies will be recorded in the attendance record. Three tardies count as one day's absence. Refer to the Catalog and Health Science handbook about calling instructors regarding being late for class or clinical.

Refer to the Catalog and Health Science Handbook about excused absences and required documentation on return to class.

Absences greater than those listed above result in the student being dropped from the class. Clinical absences must be made up.

Absence from Class for School Sanctioned Activities:

The nature of the educational programs at Coahoma Community College is such that it is necessary for every student to attend class regularly. Instructors will keep accurate class attendance records, and those records will become part of the student's official record. Regular class attendance and punctuality are expected. All arrangements for completing missed work are to be made with the instructor. It is the student's responsibility to initiate these arrangements. *Excessive absences may result in loss of credit for the course concerned as well as loss of grant refunds and/or financial aid eligibility.* For more information, see the Attendance Policy section in the College Catalog and Health Science Handbook.

Make-up Policy

Exams: Tests must be made up on the first day back for class or at the instructor's discretion.

Assignments: Are due on day assigned. If you are absent, they are due on first day of your return. If you miss a day, it is up to you to get assignment from classmate or instructor. See policy and procedure for rules on late work.

Academic Dishonesty

Cheating and plagiarism (the representation of someone else's work as your own, usually by directly copying or paraphrasing without a reference to the original source) will not be tolerated. The penalty will be receiving a (0) for that assignment, without any possibility of make-up work or alternative assignments. Additionally, according to the Student Handbook, *such acts will be considered a severe infraction and carry a possible sanction of suspension in semester (s) length or expulsion.* For a more in-depth explanation of academic dishonesty, see the Student Handbook.

Electronic Devices in Class

Cell phone use is prohibited in the classroom, laboratory, and clinical areas. Students must keep cell phones on silence and in their purses, lockers, or in faculty/supervisor's office. Students are not permitted to send or receive phone calls, text messages, or types of communication during assigned educational time. The one exception is secondary to an emergency situation. All emergency phone calls to students must be called into the department office. The message will be relayed to the student. The student may return the call during authorized breaks

Non-Discrimination/Disability Policy

Notice of Non-discrimination. Coahoma Community College is an equal opportunity institution in accordance with civil rights and does not discriminate on the basis of race, color, national origin, sex, disability, age, or other factors prohibited by law in any of its educational programs, activities and employment opportunities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Michael Houston, Director of Human

Resources/Coordinator for 504/ADA, Title IX Compliance Officer, Office #A100, Vivian M. Presley Administration Building, (662) 621-4853, mhouston@coahomacc.edu.

Accommodations for Students with Disabilities. Coahoma Community College is committed to ensuring equal access to an education for enrolled or admitted students who have verified disabilities under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA). College policy calls for reasonable accommodations to be made for eligible students with verified disabilities on an individual and flexible basis.

Any student enrolling in Coahoma Community College with a documented disability, who requests accommodations, must first provide a current evaluation of the disability from a medical professional. This documentation, which is required by federal guidelines, will remain on file in the office of Michael Houston; Coordinator for Section 504/ADA, Title IX; 3240 Friars Point Road; Clarksdale, MS 38614; Telephone # (662) 621-4853; Email: mhouston@coahomacc.edu; Office #A100, Vivian M. Presley Administrative Building.

Instructional Techniques

Lecture
Discussion
Demonstration
Practice
Student Presentation, Feedback and Reports
Lab

Resources

Dry Erase Board
VCR/DVD/TV
Computer/ Projector
Handouts
Textbook
Printer
Internet
ebook

Method(s) of Lecture Evaluation

Unit Tests	=	87% of Final Grade
Daily Grades	=	3% of Final Grade
<u>Final Tests</u>	=	<u>10% of Final Grade</u>
TOTAL		100%

The proctored ATI test for Fundamentals will count as the last unit test:

Level 3 = 97%
Level 2 = 90%
Level 1 = 83%
Below level 1 = 75%

Students must make at least 85% on a drug calculation test. It will be given near the middle of the program. If a student fails to make 85% on the first test, a second test will be given near the end of the course. Failure to make 85% on the second test will result in the student failing the course and will be dismissed from the Practical Nursing Program.

Student will perform the mandatory clinical skills. The skills will be pass or fail.

Students must pass the mandatory clinical skills and the lecture with 80% to progress to the next semester.

Grade Scale

Coahoma Community College changed from the 3.0 system to the 4.0 system effective, September, 1974. Practical Nursing students progress is evaluated according to the following grading system as mandated by the state.

GRADE	SCALE	QUALITY POINTS
A – Excellent	94-100	4.0
B – Good	87 - 93	3.0
C – Average	80 - 86	2.0
D – Poor	70 -79	1.0
F – Failure	69 or below	0.0

Passing for practical nursing students is 80% or above. Below 80% will prevent the student from progressing to the next class.

To be in good academic standing, students are required to maintain a cumulative 2.0 average on the 4.0 system. Each grade reported as having been earned by the student at the end of a semester or summer term will be included in computing the cumulative grade point average. The student should observe that the grade “F” carries zero quality points and will be included in the computation. For more information on the Coahoma Community College Grade Scale, students should see the College Catalog.