

**VIRGINIA WESTERN COMMUNITY COLLEGE**  
**COURSE SYLLABUS SPRING 2023**  
**PNE 110 PRACTICAL NURSING IN HEALTH AND DISEASE I**

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**Office Hours: In Navigate**

**Contact Methods and Response Time:** Students may communicate with faculty by phone or email. Please be aware that it may take 24-48 hours for a response during busy periods or on weekends. Faculty members are also available by appointment during office hours or another mutually agreeable time. Office hours are posted outside faculty office doors.

**Course Description**

Studies the pathophysiology, signs and symptoms, prescribed medical and surgical treatments, and appropriate nursing care for the patient with selected disorders. (5 CR). Lecture 5 hours per week.

**Required Textbooks and Materials**

Kaplan Resources

- Ford: Roach's Introductory Clinical Pharmacology, Twelfth Edition, Susan Ford, ISBN: 978-1-9751-8688-3
- Hinkle, Janice L., Cheever, Kerry H., Overbaugh, Kristen J., Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 15<sup>th</sup> Edition, ISBN: 978-1-975161-03-3
- Moreno: Timby's Fundamental Nursing Skills and Concepts, Twelfth Edition, Loretta Moreno ISBN: 978-1-975155-34-6
- Donnelly-Moreno, Loretta A. (2021) Timby's Fundamentals Nursing Skills and Concepts (12<sup>th</sup> Ed.) Wolters Kluwer - ISBN: 978-1-975155-34-6
- Giddens, Jean Foret, (2021). Concepts for Nursing Practice, (3<sup>rd</sup> Ed.) Elsevier, St. Louis – ISBN: 978-0-323-58193-6

**Suggested Textbooks**

**Course Objectives**

After completion of this course, the student will be able to:

1. **SAFETY** - Demonstrate knowledge of causes of disease and illness, including microorganisms and communicable diseases, biochemical agents, cellular abnormalities, trauma, genetic transmission, and participation in high-risk activities.
2. **SAFETY** - Categorize signs and symptoms of selected disorders.
3. **SAFETY** - Relate expected diagnostic studies and pharmacological interventions including the nursing implications for each, with an emphasis on patient safety and comfort.
4. **SAFETY** - Apply age-related considerations when planning patient care and medication administration.
5. **PATIENT-CENTERED CARE** – Apply knowledge of concepts to individualized care for the patient to meet identified needs and to prevent complications.
6. **CRITICAL THINKING** - Apply critical thinking to prioritize and plan care for patients with selected medical-surgical disorders utilizing case studies and group activities.
7. **TEAMWORK** - Analyze the role of the practical nurse as a member of the interdisciplinary health care team in care planning, health promotion, disease prevention, and patient safety while collaborating with healthcare personnel from all disciplines.

8. **INFORMATICS** - Relate the use of technology and information management tools to support safe patient care.
9. **EVIDENCE-BASED PRACTICE** - Use reliable sources for locating evidence-based information related to selected medical-surgical topics. Examine standardized nursing care plans using critical thinking, clinical reasoning, and evidence-based practice.
10. **CULTURE** – Recognize and provide care with sensitivity and respect for human diversity, and cultural needs.

**Class Meeting Times: Tuesday 11:30AM-2:00PM & Thursday 8:00AM-10:30AM**

### **Attendance**

Students are expected to attend all classes and to be on time. Students are responsible for getting any notes/materials covered in missed classes. When an absence is necessary, it is the responsibility of the student to inform the faculty prior to the absence. A message may be left on voicemail or send email.

A maximum of three (3) classes (per course) and/or two (2) clinical days and/or one (1) OCL per semester will be allowed total for personal/family emergency or death in the immediate family. Excessive absenteeism is defined as missing more than three (3) classes (per course), and/or more than two (2) clinical days per semester, and/or more than one (1) OCL. Excessive absenteeism is cause for disciplinary action up to and including dismissal from the PN program.

**COVID-19 illnesses will be handled on a case-by-case basis.**

Class starts on time. Three (3) tardies will count as one (1) absence from the class.

The Practical Nursing Program's Absence policy exceeds that of Virginia Western Community College, refer to Practical Nursing Handbook 2022-2023.

### **Grading /Make-Up/ Late Work Policy**

All tests will be given in-person in HP 345 on the scheduled day and time. Test make up is allowed only when the absence is due to personal or family matters (e.g.: illness, court dates, or death in the family) and appropriate documentation is emailed to the instructor upon return to class. Make-up tests may be in a different format from the original test and 10 points may be deducted from the overall test grade. Falsification of documentation is considered an honor code violation and may result in dismissal from the program.

Assignments are due on the day of return following an absence or as arranged by the instructor. Acceptance of late assignments is at the sole discretion of the instructor

A grade of "0" will be given for any assignment not turned in.

Students tardy on test days will not be given extra time to complete the test.

**Cell phones/mobile devices will not be allowed during tests or test reviews. At a minimum, a grade of "0" will be given if any devices are seen or touched. Further disciplinary action can be taken, including dismissal from the Practical Nursing Program.**

All backpacks (books, study materials, etc.) caps/hats, electronic devices (turned off) and cell phones (turned off) are to be placed in the front of the testing room during tests and test reviews.

## **Contingency Plan for Emergency Situations Occurring During Testing**

In the event an emergency or drill occurs during a testing session, the current test will be discarded and a different test will be administered during the next class session.

## **Academic Integrity**

Academic misconduct is a serious event that may result in an academic penalty up to and including dismissal from the program.

Violations of the following list represent academic misconduct, a violation of academic integrity, which is not all-inclusive, are subject to disciplinary action.

1. Cheating on an examination or quiz — either giving or receiving information
2. Copying information from another person for graded assignments
3. Using, accessing, or possessing unauthorized materials during tests
4. Collaboration during examinations
5. Buying, selling, providing or stealing papers, examinations, or other work to be submitted for a class
6. Substituting for another person, or arranging such a substitution for yourself
7. Plagiarism — the intentional or accidental presentation of another's words or ideas as your own. This includes:
  - o Using the exact language of someone else without the use of quotation marks and without giving proper credit to the author. This includes memorizing exact wording but not giving credit to the author on a paper or exam.
  - o Presenting the sequence of ideas or arranging the material of someone else even though such is expressed in one's own words, without giving appropriate acknowledgement.
  - o Submitting a document written by someone else but representing it as one's own.Ignorance of what constitutes plagiarism is not a defense for such a serious infraction.
8. Collusion with another person or persons in submitting work for credit in class or lab, unless such collaboration is approved in advance by the instructor
9. Falsifying documentation
10. Multiple Submissions — It is a violation of academic honesty to submit substantial portions of the same work for credit more than once without the explicit consent of the instructor to whom the material is being submitted
11. Having knowledge of an academic integrity violation and not reporting the violation to instructor or college personnel

Penalties for academic integrity violations will follow the VWCC Practical Nursing Honor Code Policy, which states:

**The Practical Nursing Program's Academic Misconduct policy exceeds that of Virginia Western Community College.** Please refer to your copy of the handbook.

## **Accommodations for Disabilities:**

"Students with diagnosed/documented or other disabilities are entitled to reasonable accommodations in the classroom in accordance with the Americans with Disabilities Act. It is the responsibility of the student to meet with the faculty member and bring the appropriate forms from Student Support Services to request accommodations: it is recommended that this meeting take place as early as possible in the semester to facilitate an optimal learning environment. Please contact the instructor after class or during office hours during the first week of the semester to discuss your needs."

**Method of Evaluation (NOTE: 78% MUST BE OBTAINED IN COURSE FOR SUCCESSFUL COMPLETION OF PNE 110)**

Course evaluation will be based on the following:

	% of Final Grade
Tests (6)	78%
Kaplan Assignments	2.5%
Course Point Assignments/PrepU	3.5%
Final Exam	16%
Total	100%

In order to achieve a passing grade in PNE 110, both the test/exam average and final course grade must be at least a 78%. Test averages are calculated first, before any other coursework, including Kaplan scores, are calculated. The test/exam average is not weighted and must be a 78% average of all tests/exams averaged equally. If the average is below 78%, the student will earn the score of the test/exam average for his/her grade and will not be able to progress.

**Grading Scale**

- 91-100                      A
- 82-90.99                    B
- 78-81.99                    C
- 67-77.99                    D
- 66.99 & Below             F

**Grades will NOT be rounded.**

Grades will be posted in Canvas within one week of the test date unless unforeseen circumstances arise. Information regarding grades cannot be given out over the phone, even to the student, or to any email account other than the students VWCC assigned email account. Faculty and students may not exchange information regarding grades using personal email accounts.

**Tests**

There are six (6) unit test grades that are worth 78% of the final grade. Each test will be weighed equally, (13% each). Test questions are structured in the NCLEX-PN format and may include multiple choice, order of priority, multiple-response, fill in the blank, matching, select all that apply, short answer or NEXT-GEN. Test questions may come from lecture, power points, additional unit assignments, and reading assignments. Content from previous units and previous PN course work may also be included on each unit test. Tests will be administered on the dates/times indicated on the course calendar unless otherwise informed.

Lippincott **CoursePoint**

There are seven (6) pre-lecture **PrepU quizzes** worth 3.5% of the final grade. Quizzes will be assigned as a tool to help you identify what you know and don't know about the upcoming topic and to help you master chapter content. Quizzes should be taken after reading the chapter, not instead of. A minimum mastery level of "7" must be achieved on all assigned quizzes prior to the due date in order to receive credit. Due dates are listed on the Course Schedule.

In addition, students are encouraged to independently take and practice PrepU quizzes throughout the semester to increase test-taking skills and confidence.

Instructions for accessing PrepU:

- Log into PrepU at <http://thepoint.lww.com> using your existing PrepU login and password.
- From the **"My Content"** click on- Brunner &Suddarth's Textbook of Medical-Surgical Nursing, 15<sup>th</sup> Edition, ISBN 978-1-975161-03-3 (with Course Point +)
- On the welcome screen or from **"My Classes"**, select **"Join a Class"**, enter your **CLASS CODE: AD74D60E**
- ("0" is a zero, not the letter "O"), and click **"Enroll"**.
- If you experience problems, check the code again and re-enter. If this does not work, contact Lippincott
- Online Product Support at 1-800-468-1128 or [techsupp@lww.com](mailto:techsupp@lww.com) for assistance.

## Kaplan Assignments

There are six (6) Kaplan Focused Review Assignments that are worth 2.5% of the final grade. Each assignment is worth 0.5% of the course grade. Assignments must be completed by the deadline posted on the course schedule in order to receive credit. Students who have less-than-reliable internet access at home are advised to use a computer in one of the on-campus computer labs to complete tests. Instructions for accessing and taking the tests will be provided by faculty.

Tests will be grading as follows:

- i. 50 points for taking the assigned test (all or nothing)
- ii. 50 points for remediating the assigned test (all or nothing)
- iii. Remediation rules:
  1. If you scored 75% or greater, you must remediate all missed questions.
  2. If you scored less than 75%, you must remediate all test questions.

## Final Exam

The final exam is worth 16% of the final grade in the course. For the final exam, the 2023-24 VWCC General Catalog Final Exam policy will prevail: "All students are expected to take final examinations at the regularly scheduled times. No exceptions are made without prior approval of the instructor and the Vice President of Academic and Student Affairs".

## Test Review

An opportunity for group test review will be provided after each test. Students who feel they need further instruction on the most recent test and/or course material are encouraged to seek help from the instructor during posted office hours. Please come prepared to ask questions and share concerns. Students may make arrangements with the instructor to individually review a unit test up to the time the next test is administered. After that time, the test will be filed and unavailable for review. **NO TAPE RECORDING OR COPYING OF TEST REVIEW IS PERMITTED.**

## Canvas

All students are required to check Canvas regularly. Notify the instructor if you are unable to access Canvas. Grades will be posted on each student's individual course page. Announcements, including possible additional assignments will be posted. You are responsible for any information and assignments posted on Canvas.

## Use of Electronic Devices in the Classroom

All cell phones must be set to "silent" (not "vibrate") mode or turned off before class begins. Any student with a ringing or vibrating cell phone in class will be asked to leave and will not be allowed back into the class that day and will not be permitted to make up missed in-class work.

While students are allowed to bring personal electronic devices (e.g., laptops, voice recorders) to class, they must only serve class needs (e.g., typing on a laptop to take notes; using a voice recorder to record lectures). Students are expected to keep class in the "foreground" at all times. If a student appears to be "backgrounding" the class, he or she will be asked to leave the classroom and will not be permitted to make up missed in-class work. Examples of "backgrounding" the class include, answering or making a cell phone call; texting; checking or writing e-mail; surfing the web; logging into Facebook; and handheld gaming. Faculty reserve the right to ban electronic devices entirely if they feel they are distracting you or your classmates from learning.

## Class Cancellation

When you see/hear an announcement that "Virginia Western Community College is closed," or "Virginia Western Community College classes are cancelled," all activities or operations associated with the College are cancelled and the College is closed.

## College Delayed Opening

In the event of a college delayed opening, class will start on the alternate schedule as follows. We also encourage you to check Canvas for any announcements prior to traveling to the College.

- Tuesday 12:30PM-2:10PM & Thursday 10AM-11:40AM

The following **General VWCC Information and Policies** are posted on Canvas under the **Syllabus link**:

- Support Services Available/Disability Statement
- VWCC No-Show and Withdrawal Policy
- Notice of Copyright Restrictions
- Inclement Weather Schedule
- Emergency Alert Information
- Critical Safety Information <http://www.virginiawestern.edu/police/crisismanagement.php> /VWCC Safety Video
- Student Consumer information
- Financial Assistance/Aid
- VWCC Testing Center Policies
- Student Rights and Responsibilities / Student Conduct Policy
- VWCC Student Grievance Procedure

## Course Outline

### Unit 2: Concepts and Principals of Patient Management

#### Concepts: Fluid and Electrolytes #8 & Acid-Base #9

- A. Ch. 10: Fluid and Electrolytes
  1. Fundamental Concepts
  2. Fluid Volume Disturbances
  3. Electrolyte Imbalances
  4. Acid-Base Disturbances
  5. Parenteral Fluids
- B. Ch. 11: Shock, Sepsis, and Multiple Organ Dysfunction
  1. Overview of shock
  2. Stages of shock

### Unit 4: Gas Exchange and Respiratory Function

#### Concepts: Gas Exchange #19

- A. Ch. 17: Assessment of Respiratory Function
  1. Anatomic and Physiologic Overview
  2. Assessment
  3. Diagnostic Evaluation
- B. Ch. 18: Management of Patients with Upper Respiratory Tract Disorders
  1. Upper Airway Infections
  2. Obstruction and Trauma of the Upper Respiratory Airway
- C. Ch. 19: Management of Patients with Chest and Lower Respiratory Disorders
  1. Inflammatory and Pulmonary Disorders
  2. Plural Disorders
  3. Acute Respiratory Failure
  4. Pulmonary Vascular Disorders
  5. Occupational Lung Disease: Pneumoconioses
  6. Chest Tumors
  7. Chest Trauma
- D. Ch. 20: Management of Patients with Chronic Pulmonary Disease
  1. Chronic Obstructive Pulmonary Disease

## **Unit 5: Cardiovascular and Circulatory Function**

### **Concepts: Perfusion**

- A. Ch. 21: Assessment of Cardiovascular Function
  - 1. Anatomic and Physiologic Overview
  - 2. Assessment of Cardiovascular System
  - 3. Diagnostic Evaluation
- B. Ch. 22: Management of Patients with Arrhythmias and Conduction Problems
  - 1. Arrhythmias
  - 2. Adjunct Modalities and Management
- C. Ch. 23: Management of Patients with Coronary Vascular Disorders
  - 1. Coronary Artery Disease
  - 2. Coronary Atherosclerosis
  - 3. Angina Pectoris
  - 4. Acute Coronary Syndrome and Myocardial Infarction
  - 5. Invasive Coronary Artery Procedure
- D. Ch. 24: Management of Patients with Structural, Inflammatory Cardiac Disorders
  - 1. Valvular Disorders
  - 2. Surgical Management: Valvular Repair and Replacement Procedures
  - 3. Infectious Disorders of the Heart
- E. Ch. 25: Management of Patients with Complications from Heart Disease
  - 1. Heart Failure
  - 2. Complications from Heart Failure
- F. Ch. 26: Assessment and Management of Patients with Vascular Disorders and Problems of Peripheral Circulation
  - 1. Anatomic and Physiologic Overview
  - 2. Assessment of the Vascular System
  - 3. Arterial Disorders
  - 4. Venous Disorders
  - 5. Lymphatic Disorders
  - 6. Cellulitis
- G. Ch. 27: Assessment and Management of Patients with Hypertension
  - 1. Hypertension
  - 2. Hypertensive Crisis

## **Unit 10: Metabolic and Endocrine**

### **Concepts: Hormonal and Glucose**

- A. Ch. 42: Assessment and Management of Patients with Obesity
  - 1. Obesity
- B. Ch. 43: Assessment and Management of Patients with Hepatic Disorders
  - 1. Assessment of the Liver
  - 2. Manifestation of Hepatic Dysfunction
  - 3. Viral Hepatitis
  - 4. Nonviral Hepatitis
  - 5. Acute Liver Failure
  - 6. Hepatic Cirrhosis
  - 7. Cancer of the Liver
  - 8. Liver Transplantation
  - 9. Liver Abscess
- C. Ch. 44: Management of Patients with Biliary Disorders
  - 1. Anatomic and Physiologic Overview
  - 2. Disorders of the Gallbladder

3. Disorders of the Pancreas
- D. Ch. 45: Assessment and Management of Patients with Endocrine Disorders
  1. Assessment of the Endocrine System
  2. The Pituitary Gland
  3. The Thyroid Gland
  4. The Parathyroid Gland
  5. Adrenal Glands
- E. Ch. 46: Management of Patients with Diabetes
  1. Diabetes
  2. Acute Complications of Diabetes
  3. Long Term Complications of Diabetes
  4. Special Issues in Diabetes Care

**Note:** This syllabus is not a contract between the instructor and the enrolled student. Content is subject to change. Students will be given a written/types copy of any changes made in the content, course policies, or grading as they may occur.



# SCHEDULE

## PNE 110 Practical Nursing in Health and Disease I Fall 2023

Date	Class Readings	**Tests and Assignments
Aug 22	Orientation Begin Unit 2: Ch. 10 & Ch. 11 (MM)	
Aug 24		
Aug 29		
Aug 31		<b>Test 1 Ch. 10 &amp; 11</b> <b><u>PrepU Quiz 1 Ch. 10 &amp; 11 &amp; Kaplan Fluid and Electrolytes A NGN Due by 8 am</u></b>
Sept 5	Begin Unit 4: Ch. 17, 18, 19, 20 (MW)	Review Ch. 17 On your own
Sept 7		
Sept 12		
Sept 14		
Sept 19		
Sept 21		<b>Test 2 Ch. 17, 18, 19, 20</b> <b><u>PrepU Quiz 2 Ch. 17, 18, 19, &amp; 20 &amp; Kaplan Respiratory A NGN Due by 8 am</u></b>
Sept 26	Begin Unit 5: 22, 23, 24 (MM)	Review Ch. 21 On your own
Sept 28		
Oct 3		
Oct 5		
Oct 10		<b>Test 3 Ch. 21, 22, 23, 24</b> <b><u>PrepU Quiz 3 Ch. 21,22,23 &amp; 24 &amp; Kaplan Cardiovascular A NGN Due by 8 am</u></b>
Oct 12	Begin Unit 5: Ch. 25, 26, 27 (MM)	
Oct 17		
Oct 19		
Oct 24		
Oct 26		<b>Test 4 Ch 25, 26, 27</b>

		<b><u>PrepU Quiz 4 Ch. 25, 26, &amp; 27 &amp; Kaplan Cardiovascular B NGN Due by 8 am</u></b>
Oct 31	Begin Unit 10: Ch 42, 43, 44 (MW)	<b>Assessment of the liver on your own PP 1365-1368</b>
Nov 2		
Nov 9		
Nov 14		<b>Test 5 Ch. 42, 43, 44 <u>PrepU Quiz 5 Ch. 42, 43, &amp; 44 &amp; Kaplan Endocrine A NGN Due by 8 am</u></b>
Nov 16	Begin Unit 10: Ch 45 & 46 (MW)	
Nov 21		
Nov 28		
Nov 30		
Dec 5		<b>Test 6 Ch. 45 &amp; 46 <u>PrepU Quiz 6 Ch. 45 &amp; 46 &amp; Kaplan Endocrine B NGN Due by 8 am</u></b>
Dec 7	MW & MM	<b>Simulation DKA</b>
Dec 11		<b>Final Exam – 9 am</b>

**\*Due to inclement weather and other unexpected circumstances, this schedule is subject to change. All changes will be announced on Canvas.**

**\*\* PrepU quizzes and Kaplan must be completed by 8:00 AM on date indicated on the schedule.**

**NO SCHOOL - Nov 7 Election Day & Nov 23 Thanksgiving**

**PNE 110**

**Practical Nursing in Health and Disease I**

**Fall 2023**

I have read and agree to all written material in this syllabus, which has been reviewed with me in detail. I have had the opportunity to ask questions in regard to all material in this syllabus, and I understand the policies, consequences, material, and all other information contained herein. I understand how this will be enforced and how my academic standing/position in the practical nursing program may be affected. I also understand that some of the policies in this syllabus exceed that of Virginia Western Community college's policies.

**Virginia Western Community College Honor Pledge**

I understand that Virginia Western Community College fosters a culture of academic integrity and respect and that this integrity is the foundation of our academic system. As a member of this academic community, I pledge to support this culture. I affirm that I will not give or receive any unauthorized assistance, and that all work will be my own. I further affirm that I understand that if I have knowledge of academic misconduct, I am obligated to notify my instructor.

**Printed Name** \_\_\_\_\_

**Full Legal Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**VIRGINIA WESTERN COMMUNITY COLLEGE  
STATEMENT ON IMMUNIZATIONS**

Virginia Western Community College recognizes the individual rights to self-determination and decision making for all individuals with regard to public health vaccination recommendations. Virginia Western Community College strongly supports immunizations to protect the public from highly communicable and deadly diseases such as measles, mumps, diphtheria, pertussis, influenza and the coronavirus for its students and employees. Effective protection of the public health mandates that all individuals receive immunizations against vaccine-preventable diseases according to the best and most current evidence outlined by the Centers for Disease Control and Prevention (CDC) and the Advisory Committee on Immunization Practices (ACIP). All health professional program students should be vaccinated according to current recommendations for immunization by the CDC and Association for Professionals in Infection Control and Epidemiology (APIC).

While Virginia Western Community College does not require that all health professional students are vaccinated to be admitted into a restricted admissions health program, vaccinations may be required by our clinical facilities in order for our students to enter these facilities. A facility's decision to mandate vaccinations is independent of Virginia Western Community College. Virginia Western Community College faculty and students must comply with the vaccination policies required by our partner clinical agencies. If a student refuses to comply with a facility vaccination requirement, Virginia Western Community College will attempt, but cannot guarantee, to place a student into an alternative facility. A student will only be placed in an alternate location if it meets the educational objectives of the program, is deemed a suitable educational site, if there are available faculty, and if the alternate clinical experience meets program requirements for clinical placement. Refusal to comply with a facility vaccination requirement by a student in our health programs may impede your progress in the program or your ability to remain in the VWCC health program. Your signature on this document acknowledges that you have read and understand that by coming into this program you may be required to complete the clinical experiences in facilities that mandate vaccination. If you choose to not receive vaccinations required by the clinical facilities, the following could occur:

- You may be able to be rerouted to another facility only if one exists; and if there are available faculty to support an alternate clinical experience,
- You may not be able to be rerouted to another facility because there is no other option for this specific educational requirement;
- If there is not another clinical option, due to the facility requirements and the inability to route you to another facility, you will be unable to continue in the program.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date