



School of Nursing and Health Professions

NUR 202 Pathophysiology/Pharmacology I

Credits: 3

Term: Fall 2025

Mondays: Section: 202-04; Section: 202-05; Section: 202-06
Wednesdays: Section: 202-01; Section: 202-02; Section: 202-03

Instructor Information



Instructor: Joy Ryan, DNP, MSN, RN, CNE

Email: joy.ryan@chaminade.edu

Phone: 808.404.4202

Office Location: Henry Hall 118J

Office Hours: Tuesdays 9:00 am-12:00 pm & Thursdays 12:00 pm-3:00 pm

Office hours can also be made by appointment using this [LINK](#) for virtual and in-person hours.

Communication

Questions for this course can be emailed to the instructor at joy.ryan@chaminade.edu using the Chaminade student email account provided. Demonstrate professionalism by including a subject line that properly summarizes the contents of the message and providing your section number in the email. Proper salutation is appreciated. Response time will take place within a 24–48-hour time period, excluding weekends and holidays.

School & Department Information

School of Nursing & Health Professions

If you have questions regarding the School of Nursing and Health Professions, reach out to your Instructor or the School of Nursing and Health Profession.

Office Location: Henry Hall 110

Email: nursing@chaminade.edu

Phone: 808.739.8340

Course Description & Materials

Catalog Course Description

This nursing course explores processes underlying all disease; systematically reviews pathological changes; and integrates it with pharmacological concepts. There is a focus on disease processes associated with physiologic responses, manifestations, and diagnostic testing of selected health alterations. The complexity of disease and chronic disease will be explored. This course builds upon the knowledge of human anatomy and physiology. This course also provides an overview of pharmacology with a systemic study of representative drugs in each category. Critical and analytical thinking in the application of the nursing process to disease alterations and drug therapy in individuals across the life span and in diverse populations is stressed.

This course is divided into two sections over the academic year. Pathophysiology/Pharmacology I NUR 202 serves as the foundation. Pathophysiology/Pharmacology II NUR 203 will build on material covered in the first semester and increase the level of complex diseases and pharmacological interventions.

Prerequisites: BI 151 and BI 151L, BI 152 and BI 152L, NUR 200

Co-requisites: NUR 207

Time Allocation

This is a three-credit hour course requiring 135 clock hours of student engagement, per the official CUH Credit Hour Policy. Students enrolled in this course are anticipated to spend 37.5 hours in class, 15 hours researching and preparing group presentation, 10 hours studying for course quizzes, and 25 hours studying for midterm and final exams. There will be an additional 47.5 hours of work required beyond what is listed here (course readings and classroom preparation, homework assignments, etc.), averaging 3.2 hours each week.

Required Materials

Adams, M., Holland, L. N., & Urban, C. Q. (2024). *Pharmacology for nurses: pathophysiologic approach*.

7th ed. *w/MyLab Nursing*. Pearson. ISBN: 978-0138097042

Assessment Technologies Institute [ATI]. (2025). *ATI Engage Pharmacology*. www.atitesting.com

Required Resources

- **ATI Content Mastery Series:**
 - RN Pharmacology for Nursing *Edition 9.0* (This text is part of your ATI Learning System package)
 - ATI Engage Pharmacology
 - ATI Learning Systems RN 3.0 (Pharmacology)



- ATI Achieve
- ATI Nurse Logic 2.0
- ATI Pharmacology Made Easy 5.0 (unit specific)
- MyLab Nursing (Pearson bundle)

Assessment Technologies Institute Assessment is an online educational learning system used throughout the nursing courses at CUH SNHP. Website: <http://www.atitesting.com>. Complete system requirements are available on the logon page. For all inquiries during office hours use: (800) 667-7531. After hours technical support, send an email to helpdesk@atitesting.com. Product ID: **CDN022156824**

MyLab Nursing

With MyLab Nursing you will move beyond memorization to true understanding through application. You will have the opportunity to study better at your own pace. *Dynamic Study Modules* use the latest developments in cognitive science to help you study chapter topics by adapting to your performance in real-time. As a result, you will build the confidence needed to deepen understanding, participate meaningfully, and perform better, in and out of class. <https://youtu.be/8ASStVYG-Fk>

Canvas

The Learning Management System, **Canvas**, is used throughout all of the nursing courses. Course website address [Link](#). Hardware requirements: Canvas is accessible from most PCs and Macintosh computers with a reliable Internet connection. Canvas is accessible on all computers available for use on campus.

Technical Assistance for Canvas Users:

- Search for help on specific topics or get tips [How do I get help with Canvas as a student?](#)
- [Live chat with Canvas Support for students](#)
- Canvas Support Hotline for students: +1-833-209-6111
- Watch this [video to get you started](#)
- [Online tutorials](#): click on “Students” role to access tutorials
- Contact the Chaminade IT Helpdesk for technical issues: helpdesk@chaminade.edu or call (808) 735-4855

Learning Outcomes

Program Learning Outcomes (PLOs)

Upon completion of the Bachelor of Science nursing program, the student will be able to:

1. Utilize the nursing process to advocate for safe, holistic, patient-centered care across the lifespan, incorporating the Marianist value of service, justice, and peace
2. Apply leadership and communication skills to ensure quality, collaborative and continuous patient care

3. Integrate credible research with clinical experience and patient preferences for optimal care across the lifespan.
4. Incorporate informatics and healthcare technologies into the practice of professional nursing.
5. Contribute to the safety and quality improvement of the healthcare environment.

Course Learning Outcomes (CLOs)

At the completion of this course, the student will demonstrate the ability to:

1. Recognize how the nursing process and the Marianist values are utilized in the care of clients receiving drug therapy;
2. Describe the collaborative role and responsibilities of the nurse in monitoring drug therapy responses across the lifespan;
3. Describe the evidence-based principles related to medication management and the prevention of medication errors;
4. Examine the use of information technology sources for medication management and the prevention of medication errors;
5. Describe legal, ethical, and economic aspects of drug therapy to promote quality improvement and preserve patient safety.

Marianist Values

This class represents one component of your education at Chaminade University of Honolulu. An education in the Marianist Tradition is marked by five principles and you should take every opportunity possible to reflect upon the role of these characteristics in your education and development:

1. Education for formation in faith.
2. Provide an integral, quality education.
3. Educate in family spirit.
4. Educate for service, justice and peace, and integrity of creation.
5. Educate for adaptation and change.

Alignment of Learning Outcomes to the Marianist Values

	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5
Marianist Values	1	1,2,3,4,5	2	3,4,5	2,3,4,5
Program Learning Outcomes	1	2	3	4	5

Native Hawaiian Values

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized, the forgotten, and the oppressed, always with an eye toward God (Ke

Akua). This is reflected in the 'Ōlelo No'eau (Hawaiian proverbs) and Marianist core beliefs:

1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Ōlelo No'eau 364) May I live by God.
2. Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kū'ono'ono ('Ōlelo No'eau 1957) Acquire skill and make it deep.
3. Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana 'ohana ('Ōlelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship.
4. Educate for Service, Justice and Peace (Aloha) Ka lama kū o ka no'eau ('Ōlelo No'eau 1430) Education is the standing torch of wisdom.
5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Ōlelo No'eau 203) All knowledge is not taught in the same school

Alignment of Course and Program Learning Outcomes

Key progression in professional nurse practice: I= Introduced to the concept/skill D= Developing M= Mastered	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5
PLO#1 Utilize the nursing process to advocate for safe, holistic, patient-centered care across the lifespan, incorporating the Marianist value of service, justice, and peace	I				
PLO#2 Apply leadership and communication skills to ensure quality, collaborative and continuous patient care		I			
PLO#3 Integrate credible research with clinical expertise and patient preferences for optimal care across the lifespan			I		
PLO#4 Incorporate informatics and healthcare technologies into the practice of professional nursing.				I	
PLO#5 Contribute to the safety and quality improvement of the healthcare environment.					I

Course Activities

Assessment and Course Grading

Assignment/assessment descriptions and instructions can be found in the appropriate modules on Canvas. Students are required to review the expectations of each assignment/assessment prior to completion.

The proportion that each of the above contributes to your grade in this course is as follows:

List of Assignments	Course Grade %
Quiz #1	15%
Quiz #2	15%
Midterm Exam	25%
Final Exam	25%
Students must have a weighted testing average score (above) of 75% for the items above.	
ATI Engage Pharmacology	10%
ATI Pharmacology Made Easy	5%
Global Pharmacology and Cultural Perspectives Project	5%
Didactic Attendance/Reflective Discussion Participation	Pass/Fail
Lab Attendance/Participation	Pass/Fail
	100%

Assignments and Grading Criteria

Didactic & Lab Preparation, Participation & Performance: Students are expected to be adequately prepared to participate in class and seminar discussions and small group collaborative activities. MyLab Nursing assignments for pharmacology are to be completed along with text readings **prior** to class. Each student's responsibility is to be engaged in his or her learning. Substantive participation may include but is not limited to participating in class activities, asking relevant questions, adding information in class supported by pertinent reading materials, discussion questions, etc. Substantive participation often translates to active learning. *See rubric for grading criteria in Canvas file.*

Quizzes and Exams: There will be two (2) closed-book quizzes and two (2) closed-book exams. Quizzes will be taken at the beginning of your didactic class on ATI. Question material will cover content from assigned readings (Pearson and ATI), didactic content/notes/case studies, ATI Engage Pharmacology, and Pharmacology Made Easy 5.0 tutorials. Students are not allowed to speak with other classmates for assistance in person, in writing, or via electronic devices. If this should occur, students will receive a zero (0) grade for the quiz. Any student who arrives after the quiz or exam begins will receive a zero (0) grade for the quiz and must wait outside the door until the other students are finished. **There are no make-up quizzes or exams without prior faculty arrangements.**

Multiple-choice Midterm & Final Examinations: There will be a comprehensive mid-term exam covering weeks 1 through 7, and a final comprehensive exam covering all covered lecture material from weeks 8 through 14. Exams will be created to reflect the Program Learning Outcomes (PLO) and Course Learning Outcomes (CLO). Questions will require recall and critical thinking to incorporate the application of the nursing process (assessment, diagnosis, outcome identification and planning, implementation, and evaluation).

Course Policies

Overall Testing Policy

- **To pass this course, the student must obtain a 75% or higher weighted average on testing assessments in this course.**
 - Exams
 - Quizzes
- **ALL** assignments must be successfully completed in order to pass this course.
- If the student fails to successfully complete all required assignments and/or does not have a weighted average on testing assessments of at least 75% in all testing assessments in this course, the maximum grade obtained for the course will be a D.
- **No Rounding of Grades: Example: If a student earned a final percentage grade of 69.99%, the final score will NOT be rounded to 70.**

Assignment Policy:

- All assignments must be satisfactorily completed in order to pass this course.

ATI Engage Pharmacology is an interactive, comprehensive learning solution that focuses on the pharmacological principles needed for nursing students to learn safe medication administration. Engage Pharmacology aims to bridge the gap between complex pharmacological concepts and real-world applications. It offers a wide array of resources, including interactive modules, detailed drug tables, and case studies, to facilitate a deeper grasp of the mechanisms of action, therapeutic uses, and potential side effects of medications. There will be assigned modules to be completed containing a wide range of learning opportunities—including practice questions, podcasts, virtual application simulations, client chart activities, and client education activities—that support various learning styles through visual, audio, and 3D mediums. These integrated learning activities enable students to immediately apply their knowledge and assess their understanding. Students must complete assigned module and complete the end-of-module tests by earning a 90%. Any posttest can be repeated one time. Students earning below 90% on any posttest will receive a zero for that posttest. There will be no partial credit awarded. Practice questions, tutorial drills, and posttests are individual NOT collaborative efforts.

ATI Pharmacology Made Easy 5.0 tutorial drills and tests are interactive, media-rich online tutorials designed to help students learn about pharmacology and drugs given in practice. Each module focuses on drugs that relate to a body system and contains detailed drug information related to the drugs' use in the management of alterations in health. Students must complete assigned module tutorial drills and complete the module posttest by earning a 90%. Any posttest can be repeated one time. Students earning below 90% on any posttest will receive a zero for that posttest. There will be no partial credit awarded. Practice questions, tutorial drills, and posttests are individual NOT collaborative efforts.



Testing Policy

Students are expected to take tests on the designated day. In case of an emergency, the instructor of the course must be contacted immediately so that an alternate plan can be made at the instructor's discretion. Notification to any other individual other than the instructor of record will not be accepted. Notification must happen prior to the exam, any notification after the exam may not be honored. Failure to do so may result in a zero. In case of absence due to illness, a health care provider note is required. If proper documentation is provided, the instructor may approve a make-up test. The student will be required to take the exam upon the first business day the provider note states the student is clear to return unless the instructor approves otherwise. Make-up test dates and times will be determined by the instructor. Once a student takes an exam, the student will not be permitted to re-take the exam for any reason.

The School of Nursing and Health Professions may choose to utilize an online exam proctoring technology at any time during this course. This technology enables students to take proctored exams at a location that is off campus. This technology provides a secure test environment that promotes academic integrity and provides data security. The process identifies a student and records video, audio, and screen capture during the student's exam. This information is communicated to secure servers and reviewed. The video, audio, and screen capture are used solely to ensure academic integrity during the testing process.

Attendance

Class and lab attendance is a **requirement**. The classroom is a teaching and learning environment where there is an exchange of knowledge and experience, so students must attend class and participate in classroom activities to maximize individual learning. Students who are absent from class not only miss a part of the course's subject matter but also diminish the opportunities for contributing to the learning environment for the entire class. **You must email the instructor prior to class if you have any emergencies that will affect your attendance.**

Students must attend both classes and labs to maximize individual learning. Each student will be encouraged to develop a professional work ethic that reflects personal responsibility, initiative, and teamwork. Any student who stops attending class without officially withdrawing may receive a failing grade; unexcused absences equivalent to more than a week of class may lead to a grade reduction for the course. The instructor must report any absence of two weeks or more to the Associate Provost and the Records Office. Federal regulations require continued attendance for continuing payment of financial aid.

Late Work

It is expected that assignments will be submitted on time. Late assignments are highly discouraged. As part of fostering accountability and professional responsibility, a three-strike rule will be applied to late



assignments in this course. Students are permitted up to three instances of submitting an assignment late without penalty, provided the work is **submitted within 24 hours of the due date**. Each late submission will count as one strike.

- **Strike 1–3:** Assignment accepted within 24 hours with no grade penalty, but the strike will be recorded.
- **Strike 4 and beyond:** Any further late submissions will result in an automatic grade reduction of 10% deduction per day late or may not be accepted at all, at the instructor's discretion. **No late assignments will be accepted after 72 hours.**

This policy encourages students to manage their time effectively while still recognizing that occasional challenges may arise. As future nurses, developing consistency, accountability, and professional behaviors is critical to safe and effective practice.

In addition, students are encouraged to collaborate, but individual assignments must be done on an individual basis. When templates are used and information submitted appears to be duplicate information, suspicion of academic dishonesty may occur. Please review the policy of academic honesty in detail.

In the rare occurrence that submission in Canvas is not accessible, please contact Help Desk Support and report any technical issues. The student is responsible for getting a reference number from Help Desk Support as evidence of any technical issues as requested by the faculty. In an event that ATI or Pearson cannot be accessed to submit assignments on time, the student can email the course coordinator prior to the assignment deadline.

Extra Credit

Extra credit is not permitted in the Nursing Program.

Changes to the Syllabus

While the provisions of this syllabus are as accurate and complete as possible, your instructor reserves the right to change any provision herein at any time. Every effort will be made to keep you advised of such changes, and information about such changes will be available from your instructor.

Final Grades

Final grades are submitted to [Self-Service](#):

- A = 90% and above
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 59% and below

Important Information

Academic Honesty

Academic honesty is an essential aspect of all learning, scholarship, and research. It is one of the values regarded most highly by academic communities throughout the world. Violations of the principle of academic honesty are extremely serious and will not be tolerated.

Students are responsible for promoting academic honesty at Chaminade by not participating in any act of dishonesty and by reporting any incidence of academic dishonesty to an instructor or to a University official. Academic dishonesty may include theft of records or examinations, alteration of grades, and plagiarism, in addition to more obvious dishonesty.

Questions of academic dishonesty in a particular class are first reviewed by the instructor, who must make a report with recommendations to the Dean of the Academic Division. Punishment for academic dishonesty will be determined by the instructor and the Dean of Academic Division and may include an "F" grade for the work in question, an "F" grade for the course, suspension, or dismissal from the University.

For the most up to date information, please refer to the [Academic Honesty Policy](#) on the Chaminade University Catalog website.

SNHP Academic Conduct Policy

Nursing students are responsible for promoting academic honesty in all educational settings. **Any behavior that impedes assessment of course outcomes is considered academic dishonesty by the CUH SNHP.** Nursing students represent Chaminade University and the School of Nursing and Health Professions and as such are expected to demonstrate professional, ethical behavior in the classroom, in laboratory settings, in the clinical setting, and in the community. The Chaminade student nurse shall be committed to the Marianist values and the core values of the School of Nursing. **Violations of the principle of academic honesty are extremely serious and will not be tolerated.** Students are responsible for promoting academic honesty by not participating in any act of dishonesty and by reporting any incidence of academic dishonesty by others to an instructor or to a university official. Academic dishonesty may include but not limited to: cheating, accessing or distributing test banks or test questions, plagiarism, unauthorized collaboration, deliberate interference with the integrity of the work of others, falsification of data, and submitting work for evaluation as one's own that was produced in whole or substantial part through the use of artificial intelligence tools or other tools that generate artificial content without permission from the instructor. Infractions may result in a reduced grade, repeating the assignment/ exam, course failure or dismissal from the program. Please refer to



"Professional Behavior" in the **Nursing and Health Professions BSN Student Handbook** for an in-depth explanation.

Recording

Students may not record or distribute any class activity without written permission from the instructor, except as necessary as part of approved accommodations for students with disabilities. Any approved recordings may only be used for the student's private use.

Title IX and Nondiscrimination Statement

Chaminade University of Honolulu is committed to providing a learning, working and living environment that promotes the dignity of all people, inclusivity and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking. As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. For pregnant and parenting students, I am also obligated to provide you with similar resources for support and protections available to you. My goal is to make sure that you are aware of the range of options available to you and have access to the resources and support you need.

Nondiscrimination Policy & Notice of Nondiscrimination

The university is committed to comply with all State and Federal statutes, rules, and regulations which prohibit discrimination. The university is committed to a policy of nondiscrimination on the basis of race, sex, gender identity and expression, age, religion, color, national origin (including shared ancestry and ethnic characteristics), ancestry, citizenship, disability, genetic information, marital status, breastfeeding, arrest and court record (except as permissible under State law), sexual orientation, or status as a covered veteran. Inquiries about Title IX or general Civil Rights concerns may be referred to the University's Title IX Coordinator, the U.S. Department of Education's Office for Civil Rights, or both and contact information may be found [HERE](#). *On-campus Confidential Resources may also be found here at [CAMPUS CONFIDENTIAL RESOURCES](#).*

The University's Nondiscrimination Policy and Grievance Procedures can be located on the University webpage at: <https://chaminade.edu/compliance/title-ix-nondiscrimination-policies-procedures/>.

To report information about conduct that may constitute sex discrimination or make a complaint of sex discrimination under Title IX, please refer to the [Campus Incident Report form](#). Chaminade University of Honolulu prohibits sex discrimination in any education program or activity that it operates.

The NOTICE of NONDISCRIMINATION can be found here: [Notice of Nondiscrimination](#).



Hazing Prevention Resources and Athlete Helpline:

Assists athletes, parents, coaches, and any allies interested in ensuring physical and mental safety for sports communities by offering confidential emotional support, crisis intervention, informational athlete-focused resources, and guidance related to concerns about any type of abuse—including hazing.

Chaminade University's Hazing Policy: <https://catalog.chaminade.edu/studenthandbook/codeofconduct>

<https://hazingpreventionnetwork.org/athlete-helpline/>

<https://hazingpreventionnetwork.org/how-to-report-hazing/>

Basic Needs Resources: <https://chaminade.edu/basic-needs/>

Campus Safety/ SafeSwords

A program for students, faculty and staff, who may feel uncomfortable or unsafe walking alone on campus, at any time of the day. Call security, and a security professional will meet you at your location on campus. The security professional will escort you to your residence hall, car, etc. Students may utilize this when walking to and from night classes around campus or after late night events. [SafeSwords Webpage](#)

CUH Alert Emergency Notification

To get the latest emergency communication from Chaminade University, students' cell numbers will be connected to Chaminade's emergency notification text system. When you log in to the Chaminade portal, you will be asked to provide some emergency contact information. If you provide a cellphone number, you will receive a text from our emergency notification system asking you to confirm your number. You must respond to that message to complete your registration and get emergency notifications on your phone.

Assessment for Student Work

With the goal of continuing to improve the quality of educational services offered to students, Chaminade University conducts assessments of student achievement of course, program, and institutional learning outcomes. Student work is used anonymously as the basis of these assessments, and the work you do in this course may be used in these assessment efforts.

Student with Disabilities Statement

Chaminade University of Honolulu offers accommodations for all actively enrolled students with disabilities in compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, and the ADA Amendments Act (2008).



Students are responsible for contacting Kokua Ike: Center for Student Learning to schedule an appointment. Verification of their disability will be requested through appropriate documentation and once received it will take up to approximately 2–3 weeks to review them. Appropriate paperwork will be completed by the student before notification will be sent out to their instructors. Accommodation paperwork will not be automatically sent out to instructors each semester, as the student is responsible to notify Kokua Ike via email at ada@chaminade.edu each semester if changes or notifications are needed.


Kōkua 'Ike: Tutoring & Learning Services

Chaminade is proud to offer free, one-on-one tutoring and writing assistance to all students. Tutoring and writing help is available on campus at Kōkua 'Ike: Center for Student Learning in a variety of subjects (including, but are not limited to biology, chemistry, math, nursing, English, etc.) from trained Peer and Professional Tutors. Please check [Kōkua 'Ike's](#) website for the latest times, list of drop-in hours, and information on scheduling an appointment. Free online tutoring is also available via TutorMe. Tutor Me can be accessed 24/7 from your Canvas account. Simply click on Account > TutorMe. For more information, please contact Kōkua 'Ike at tutoring@chaminade.edu or 808-739-8305.


Readings & Due Dates

Course content may vary from this outline at the discretion of the instructor to meet the needs of each class. **NOTE:** Assigned readings, pre-assigned modules, and Study Plan content are to be completed prior to class. Please refer to course Canvas shell pages for complete lesson plan.


Week	Lecture & Lab Topics	Assignments
#1 August 25/27 <i>Course Introduction & Core Concepts in Pharmacology</i>	Review of syllabus, discussion of expectations, and supplemental information -> Canvas Chapter 1: <u>Introduction to Pharmacology</u> <u>Lab:</u> <ul style="list-style-type: none"> <u>A&P Proctored Exam</u> 	DUE: Handwritten A&P Active Learning Templates (Practice A & B) with a copy of Individual Performance Profile on the first day of class. <u>Complete Textbook Reading & MyLab Nursing before class:</u> Chapter 1 Complete ATI Achieve by Saturday: <ul style="list-style-type: none"> <i>Classroom Skills Tutorial & Post-Tests</i> <i>Study Skills Tutorial & Post-Tests</i> <i>Test-taking Skills Tutorial & Post-Tests</i>
#2 September 1/3 <i>Labor Day & Spiritual Convocation</i> No class Monday and Wednesday; View Recorded Lecture and Complete Assigned Activity	Chapter 2: <u>Drug Approval & Regulation</u> <u>Lab:</u> <ul style="list-style-type: none"> Students will demonstrate understanding of the drug approval and regulatory process in the United States, including roles of the FDA, phases of clinical trials, and implications for safe 	DUE: A&P Remediation templates from Proctored Exam before class <u>via Canvas</u>. <u>Complete Textbook Reading & MyLab Nursing before class:</u> Chapter 2 <i>Complete ATI Pharmacology Made Easy 5.0 by Saturday: Tutorial: Introduction to</i>


	medication administration and patient education.	<u>Pharmacology</u>
<p>#3 September 8/10</p> <p><i>Core Concepts in Pharmacology</i></p>	<p>Chapter 3: <u>Principles of Drug Administration</u></p> <p>Chapter 7: <u>Medication Errors & Risk Reduction</u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 2</u></p> <ul style="list-style-type: none"> • <i>Safe Medication Administration & Error Reduction</i> <p>Lab:</p> <ul style="list-style-type: none"> • Students will demonstrate safe, accurate, and ethical drug administration by applying the principles of medication administration, identifying risk factors for medication errors, and implementing strategies for error prevention and risk reduction in clinical practice. 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapters 3 & 7</p> <p><i>ATI Engage Pharmacology due by Saturday:</i></p> <ul style="list-style-type: none"> • Unit 1: Introduction to Pharmacology <ul style="list-style-type: none"> - <i>Module: The Nurse's Role in Pharmacology</i> - <i>Module: Dosage Calculations and Medication Errors</i>
<p>#4 September 15/17</p> <p><i>Pharmacology & the Nurse-Patient Relationship</i></p>	 <p>Chapter 6: <u>The Nursing Process and Clinical Judgment Measurement Model in Pharmacology</u></p> <p>Lab:</p> <ul style="list-style-type: none"> • Students will apply the nursing process and the Clinical Judgment Measurement Model (NCJMM) to ensure safe, 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapter 6</p> <p><i>ATI Engage Pharmacology due by Saturday:</i></p> <ul style="list-style-type: none"> • Unit 1: Introduction to Pharmacology <ul style="list-style-type: none"> - <i>Module: Clinical Judgment and Medication Administration</i>


	evidence-based pharmacologic care by assessing patient needs, analyzing relevant cues, prioritizing hypotheses, and evaluating medication outcomes.	
<p>#5 September 22/24</p> <p><i>Core Concepts in Pharmacology</i></p> <p><i>*9/26 Last day to withdraw without record</i></p>	<p>Chapter 4: <u>Pharmacokinetics</u></p> <p>Chapter 5: <u>Pharmacodynamics</u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 1 and Ch. 5</u></p> <ul style="list-style-type: none"> • <i>Pharmacokinetics & Routes of Administration</i> • <i>Adverse Effects, Interactions, & Contraindications</i> <p>Lab:</p> <ul style="list-style-type: none"> • Students will explain foundational understanding of pharmacokinetics and pharmacodynamics by interpreting drug actions, predicting patient responses, and applying clinical reasoning to ensure safe and effective medication administration across the lifespan. 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u> Chapter 4 & 5</p> <p><i>ATI Engage Pharmacology due by Saturday:</i></p> <ul style="list-style-type: none"> • Unit 2: Pharmacological Basics - <i>Module: Pharmacokinetics and Pharmacodynamics</i>
<p>#6 September 29/October 1</p> <p><i>Pharmacology & the Nurse-Patient Relationship</i></p>	<p>Chapter 8: <u>Drug Administration Throughout the Life Span</u></p> <p>Chapter 9: <u>Individual Variations in Drug</u></p>	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u> Chapters 8 & 9</p> <p><i>ATI Engage Pharmacology due by Saturday:</i></p>

	<p><u>Response</u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 6</u></p> <ul style="list-style-type: none"> Individual Considerations of Medication Administration <p>Lab:</p> <ul style="list-style-type: none"> Students will demonstrate competency in adapting pharmacologic care based on age-related and individual variations by assessing patient-specific factors, modifying drug administration practices, and ensuring safe, effective medication use across the life span. 	<ul style="list-style-type: none"> Unit 1: Introduction to Pharmacology - <i>Module: Legal, Ethical, and Cultural Considerations</i> Unit 3: Pharmacology for Health Promotion - <i>Module: Medication Education for Clients</i>
#7 October 6/8		
<p>#8 October 13/15</p> <p><i>Indigenous Day</i></p> <p>No class Monday and Wednesday; View Recorded Lecture and Complete Assigned Activity</p>	<p>Chapter 10: <u>The Role of Complementary Alternative Therapies in Pharmacology</u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 49</u></p> <ul style="list-style-type: none"> Complementary, Alternative, and Integrative Therapies <p>Lab:</p> <ul style="list-style-type: none"> Students will begin collaborating and exchanging ideas for their Global Pharmacology and Cultural Perspective Group Project. 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapter 10</p> <p><i>ATI Engage Pharmacology due by Saturday:</i></p> <ul style="list-style-type: none"> Unit 2: Pharmacological Basics - <i>Modules: Complementary and Alternative Medicine and Over-the-Counter Medications</i>

<p>#9 October 20/22</p> <p><i>The Nervous System</i></p>	<p>Chapter 12: <u>Cholinergic Drugs Affecting the ANS</u></p> <p>Lab:</p> <ul style="list-style-type: none"> Students will demonstrate understanding of cholinergic drugs by identifying their mechanisms of action, therapeutic uses, contraindications, and side effects, and applying this knowledge to ensure safe, evidence-based nursing care in clinical settings. 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapters 12</p> <p><i>Complete ATI Pharmacology Made Easy 5.0 by Saturday: Tutorial: The Neurologic System Pt. 1</i></p> <p><i>ATI Engage Pharmacology due by Sunday:</i></p> <ul style="list-style-type: none"> Unit 1: Introduction to Pharmacology - Module: Basics of the Autonomic Nervous System
<p>#10 October 27/29</p> <p><i>The Nervous System</i></p>	<p>Chapter 13: <u>Adrenergic Drugs Affecting the ANS</u></p> <p>Lab:</p> <ul style="list-style-type: none"> Students will demonstrate safe and evidence-based pharmacologic decision-making by applying knowledge of adrenergic drugs' mechanisms of action, therapeutic uses, side effects, and nursing implications in clinical scenarios. 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapters 13</p> <p><i>Complete ATI Pharmacology Made Easy 5.0 by Saturday: Tutorial: The Neurologic System Pt. 2</i></p>
<p>#11 November 3/5</p> <p><i>The Nervous System</i></p>	<p>Chapters 18: <u>Drugs for the Control of Pain</u></p> <p>Chapters 22: <u>Substance Abuse</u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 11</u></p>	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapters 18 & 22</p> <p>Complete MyLab Nursing Decision Making Case by Friday:</p>

	<ul style="list-style-type: none"> • <i>Substance Use Disorders</i> <p><u>ATI RN Pharmacology for Nursing: Unit 9</u></p> <ul style="list-style-type: none"> • <i>Chapters 36 – 38</i> <p><u>Lab:</u></p> <ul style="list-style-type: none"> • Students will determine safe, evidence-based, and ethical decision-making in the administration of pain control medications and the care of patients with substance use disorders, using pharmacologic knowledge and clinical judgment. 	<p><u>Pain</u></p> <p><i>Complete ATI Pharmacology Made Easy 5.0 by Saturday: Tutorial: Pain & Inflammation</i></p> <p><i>ATI Engage Pharmacology due by Sunday:</i></p> <ul style="list-style-type: none"> • Unit 5: Pharmacology for Pain <ul style="list-style-type: none"> - <i>Modules:</i> <ol style="list-style-type: none"> 1. <i>Analgesics</i> 2. <i>Medications to Treat Headaches</i>
<p>#12 November 10/12</p> <p><i>The Nervous System</i></p>	 <p><u>Chapter 17: Drugs for Seizures</u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 12</u></p> <ul style="list-style-type: none"> • <i>Chronic Neurologic Disorders</i> <p><u>Lab:</u></p> <ul style="list-style-type: none"> • Students will apply pharmacologic knowledge and clinical judgment to safely administer, monitor, and evaluate antiepileptic drug (AED) therapy, while providing patient education and minimizing risk for adverse effects in 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapters 17</p> <p><i>ATI Engage Pharmacology due by Sunday:</i></p> <ul style="list-style-type: none"> • Unit 13: Pharmacology for the Neurological System <ul style="list-style-type: none"> - <i>Module:</i> <i>Medications to Treat Seizure Disorders</i>

	individuals with seizure disorders.	
<p>#13 November 17/19</p> <p><i>The Immune System</i></p>	<p>Chapter 33: <u><i>Drugs for Inflammation & Fever</i></u></p> <p>Chapter 34: <u><i>Drugs for Immune System Modulation</i></u></p> <p><u>ATI RN Pharmacology for Nursing: Ch. 33</u></p> <ul style="list-style-type: none"> • <i>Nonopioid Analgesics</i> <p>Lab:</p> <ul style="list-style-type: none"> • The student will demonstrate safe and evidence-based administration of anti-inflammatory, antipyretic, and immune-modulating drugs, applying clinical reasoning to manage side effects, educate patients, and monitor therapeutic responses across diverse clinical scenarios. 	<p><u>Complete Textbook Reading & MyLab Nursing before class:</u></p> <p>Chapters 33 & 34</p> <p><u>Complete ATI Pharmacology Made Easy 5.0 by Saturday: Tutorial: The Immune System</u></p> <p><u>ATI Engage Pharmacology due by Sunday:</u></p> <ul style="list-style-type: none"> • Unit 4: Pharmacology for the Immune System - Modules: <ul style="list-style-type: none"> ○ Vaccine ○ Immunomodulators ○ Medications to treat inflammation
#14 November 24/26		Complete Group Work and Peer Evaluations

#15 December 1/3	Global and Cultural Pharmacology Group Presentation 	Study for Final Exam
Final Exam Week December 8-11		