Pharmacology II NURS 123 Course Syllabus
Rev: 02 12 2021

Basic Course Information

Semester:	**SPRING 2021**	Instructor Name:	**Julie Kunath MS APRN AGPCNP-BC AACNS-AG CCRN-CMC**
Course Title & #:	**Pharmacology II NURS 123**	Email:	**Julie.kunath@imperial.edu**
CRN #:	**21150**	Webpage (optional):	**CANVAS**
Classroom:	**Synchronous online via zoom**	Office #:	**Available via Zoom & Pronto**
Class Dates:	**February 16 – June 11, 2021**	Office Hours:	**T 10:00a – 12:00p, W 11:00a – 12:00p, F 10:05a – 11:50a; also via appt**
Class Days:	**Tuesdays**	Office Phone #:	**n/a cell# (414) 380-3353**
Class Times:	0800 - 0925	Emergency Contact:	**Nursing Office (760) 355 - 6348**
Units:	1.5	Class Format:	Synchronous online via zoom

Course Description

The course addresses the principles of medication therapy for acute and complex conditions including the effects, actions, algorithms and recommended use of drugs in the treatment of complex patient problems. Safe administration practices and reduction of medication errors will be covered. The student will learn to manage complex medication administration through various routes including intravenous routes. Nursing actions and rationale for nursing actions are explored. Clinical application is integrated into the clinical nursing courses.

Course Prerequisite(s) and/or Corequisite(s)

Prerequisites: Nursing 109 Pharmacology I
Corequisites: Nursing 127 Medical Surgical Nursing I

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. identify the mechanism of action, use, side effects, and nursing interventions of medications for the CNS, cardiovascular, pulmonary, immune, reproductive and endocrine systems and for anti-infective, oncological, and allergic response medications by passing the final with a 78% or better score.

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Describe the anatomy and physiology of the CNS, cardiovascular, pulmonary, immune, reproductive, and endocrine systems.
2. Discuss the rationale and benefits of the major classifications of medications by the system they affect and considering oral versus infusion therapy.
3. Discuss the mechanism of action, use, side effects, and nursing interventions of medications for the CNS, cardiovascular, pulmonary, immune, reproductive, and endocrine systems.
4. Explain legal implications related to medication administration by the major classifications of medications covered; i.e. CNS, cardiovascular, pulmonary, immune, reproductive and endocrine systems.
5. Describe the major classifications of medications as they relate to specific body systems for clients of all ages with acute and complex conditions.
6. Demonstrate understanding of cultural-psychosocial aspects of client care related to patient teaching compliance in administration of the major classifications of medication.

Textbooks & Other Resources or Links

- Burchum, J. R., & Rosenthal, L. D. (2019). *Lehne's pharmacology for nursing care (*10th ed.). St. Louis. Elsevier ISBN: 978-0-323-51227-5. (Required)

- Burchum, J. R., Rosenthal, L. D., & Yeager, J. J. (2019). *Lehne's pharmacology for nursing care: Study guide (*10th ed.). St. Louis. Elsevier ISBN: 978-0-323-59544-5. (Recommended)

- RN Pharmacology for Nursing. ATI nursing education. (Content Mastery Series: Review Module)

- ATI: Pharmacology Made Easy (online within ATI package)

Course Requirements and Instructional Methods

Online and Hybrid courses must demonstrate compliance with the IVC Regular and Effective Contact Policy for Distance Education.]
Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

A. Hours

NURS109 is a 1.5 unit theory course. Synchronous sessions will be held once a week for one and a half hours.

B. Assignments:

Reading, CD/video, Internet, and writing assignments are required. Students will be expected to read, understand, and critique information from college level textbooks, nursing journals, or equivalent. Additional reading assignments will be required to supplement textbook material. Writing assignments will reflect the objectives listed and may include, but not be limited to, short essays, posters, and/or professional papers. Outside assignments including but not limited to nursing lectures, independent exercises, and online learning activities may be assigned and are required.

Plagiarism and cheating policies noted in the student handbook and IVC policies will be strictly enforced. Students are expected to develop original work for this course. It is recommended that students visit the college library (online) to become acquainted with research tools available.

https://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/

Schedule may change at the discretion of the instructor, taking into account the progress of students with the materials. Any change will be announced in class or via email through Canvas. **Students are held responsible for all materials covered in the syllabus and for any changes that are announced in class, sent by email or announced through Canvas**.

It is recommended that if a grade falls below 82% that the student arrange to meet with the faculty member. Faculty can be reached in person (limited), by email, by Zoom appt or during office hours via Zoom to discuss grades or other classroom matters.

The student is responsible for withdrawing (W) from the class before the deadline as outlined on your registration forms. **Failure to pass this class will affect your ability to progress to the next semester.** Students failing or withdrawing must complete a Petition to Re-Enter.

What if I need to borrow technology or access to WIFI?
1. To request a loaner laptop, MYFI device, or other electronic device, please submit your request here: https://imperial.edu/students/student-equity-and-achievement/

2. If you'd like access the WIFI at the IVC campus, you can park in parking lots "I & J". Students must log into the IVC student WIFI by using their IVC email and password. The parking lots will be open Monday through Friday from 8:00 a.m. to 7:00 p.m.

    Guidelines for using parking WIFI:
     -Park in every other space (empty space BETWEEN vehicles)
    -Must have facemask available
    -For best reception park near buildings
    -Only park at marked student spaces
    -Only owners of a valid disabled placard may use disabled parking spaces
    -Only members of the same household in each vehicle
    -Occupants **MUST** remain in vehicles
    -Restrooms and other on-campus services not available
    -College campus safety will monitor the parking lot
    -Student code of conduct and all other parking guidelines are in effect
    -Please do not leave any trash behind
    -No parking permit required
    If you have any questions about using parking WIFI, please call Student Affairs at 760- 355-6455.

Course Grading Based on Course Objectives

Students must maintain a "C" average grade as determined by the scale below:

> A = 93-100%
> B = 85-92%
> C = 78-84%
> F = Below 78%

Grades will not be "rounded". To advance to the next semester, a "C" or better is required in this course and the co-requisite courses. **The course grade will be computed as follows: 10% from homework/assignments, 10% from quizzes (in class, take-home, or online), 45% will come from an average of the three exams prior to the final exam, and 35% of the course grade will come from the final exam.**

Homework/assignments/ATI	**10%**
Quizzes	**10%**
Exam 1	**15%**
Exam 2	**15%**
Exam 3	**15%**
Final Exam	**35%**
Total	**100%**

All of the following must be attained to successfully pass this course:
A. Theory (exams) grade must have a **total equivalent of 78% or greater**. This requirement must be met in order to progress to the Final Exam.
B. Final Theory Exam score must be passed at a **78% or greater.**
C. Total grade calculation must be passed at a **78% or greater**.
D. Attendance requirements as noted below **must be met.**

Testing will include no more than 3 examinations in addition to written, demonstration, and oral assignments, and a final examination. Pop quizzes may be included. EXCEPT FOR UNDER EXTREME CIRCUMSTANCES, THERE WILL BE NO MAKE-UPS FOR TESTS OR QUIZZES MISSED DUE TO ABSENCE.

Course Policies

Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes, including synchronous Zoom meetings, is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.

- Acceptance of absenteeism excuses is at the discretion of the faculty member and may result in failure of the class. A student who reaches the maximum allowable number of hours absent and is not allowed to continue in class and may file a petition to reenter the nursing program. The teaching team will meet with the student to discuss remediation and the possibility of reentry.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.
- **Students who are late for class three times will be considered absent for one day**

What does it mean to "attend" an online class?

Attendance is critical to student success and for IVC to use federal aid funds. Acceptable indications of attendance are:
- Student submission of an academic assignment
- Student submission of an exam
- Student participation in an instructor-led Zoom conference
- Documented student interaction with class postings, such as an interactive tutorial or computer-assisted instruction via modules
- A posting by the student showing the student's participation in an assignment created by the instructor
- A posting by the student in a discussion forum showing the student's participation in an online discussion about academic matters
- An email from the student or other documentation showing that the student has initiated contact with a faculty member to ask a question about an academic subject studied in the course.

Logging onto Canvas alone is NOT adequate to demonstrate academic attendance by the student.

Classroom Etiquette

During all classroom and clinical instruction time, every person will be respected within the group and it is expected that all interactions between students, faculty, and other staff will take place professionally and courteously. It is expected that students will come prepared for class by completing reading assignments, assigned videos or recordings, and other assigned material prior to synchronous sessions and by due dates.

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, only students enrolled in the class may attend; children are not allowed.

How do I act differently if I have an on-ground class during COVID?

1. **DO NOT COME TO CAMPUS OR ATTEND AN OFF-CAMPUS CLASS IF YOU FEEL SICK, HAVE A FEVER, OR HAVE A COUGH**
   a. Even if your symptoms are mild, <u>stay home.</u>
   b. Email your instructor to explain why you are missing class.
   c. <u>If you are sick with COVID-19 or think you might have COVID-19</u>, provides CDC guidance.
   d. If you have tested positive for COVID-19, you must self-quarantine for 14 days and then be without symptoms for at least 72 hours. Clearance is required prior to returning to any face-to-face interaction. It is recommended that you undergo a final COVID-19 test to confirm that you are no longer infected.
   e. If you are exposed through direct contact with a person known to be COVID-19 positive, then you must submit negative COVID-19 test results prior to returning to any face-to-face interaction.
2. **ARRIVE AT CAMPUS EARLY (at least 15 minutes early is advised).**
   a. All people entering the IVC campus will need to pass a screening process, which will occur at the gates as your drive onto campus. You will need to take a short questionnaire and get your temperature taken (the screening is completely touchless and will take place while you remain in your car).
3. **BRING A MASK TO CLASS (and always wear it).**
   a. Be sure that your mask covers both your nose and mouth. If your mask is cloth, then wash it each day. If your mask is disposable, then use a new one each day.
4. **GO DIRECTLY TO YOUR CLASSROOM.**
   a. The IVC campus is mostly closed so you should not visit other areas or seek any face-to-face services. Services are available to students online and can be accessed through www.imperial.edu.
5. **WASH YOUR HANDS FREQUENTLY (and use the provided sanitation supplies).**
   a. Your classroom is equipped with cleaning supplies. Use them as needed.
6. **BE SURE TO SOCIAL DISTANCE (stay at least 6 feet from other).**
   a. The number of students in a classroom at any one time is very limited so you have plenty of space to spread and ensure that you stay at least 6 feet from others.
7. **BRING YOUR OWN FOOD AND DRINKS.**
   a. There is no food service currently offered on campus.

Online Netiquette

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.
- Students are to comply with the following rules of netiquette: (1) **identify yourself,** (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].

How am I expected to act in an online "classroom" (especially Zoom)?

Attending a virtual meeting can be a challenge when there are many students on one conference call. Participating in such meetings may count as class attendance, but disruptive behavior may also result in you not being admitted to future meetings. Follow the tips below for best results:

1) **Be RESPECTFUL**
   a. Your written, verbal, and non-verbal communications should be respectful and focused on the learning topics of the class.
2) **Find a QUIET LOCATION & SILENCE YOUR PHONE (if zooming)**
   a. People walking around and pets barking can be a distraction.
3) **EAT AT A DIFFERENT TIME.**
   a. Crunching food or chugging drinks is distracting for others.
   b. Synchronous zoom times are set in advance so reserve meals for outside class meetings.
4) **ADJUST YOUR LIGHTING SO THAT OTHERS CAN SEE YOU**
   a. It is hard to see you in dim lighting so find a location with light.
   b. If your back is to a bright window, you will be what is called "backlit" and not only is it hard on the eyes (glare) but you look like a silhouette.
5) **POSITION THE CAMERA SO THAT YOUR FACE AND EYES ARE SHOWING**
   a. If you are using the camera, show your face; it helps others see your non-verbal cues.
   b. You may be at home, but meeting in pajamas or shirtless is not appropriate so dress suitably. Comb your hair, clean your teeth, fix your clothes, etc. before your meeting time to show self-respect and respect for others.
6) **Be READY TO LEARN AND PAY ATTENTION**
   a. Catch up on other emails or other work later.
   b. If you are Zooming, silence your phone and put it away.
   c. If you are in a room with a TV – turn it off.
7) **USE YOUR MUTE BUTTON WHEN IN LOUD PLACES OR FOR DISTRACTIONS**
   a. Pets barking, children crying, sneezing, coughing, etc. can happen unexpectedly. It's best if you conference in a private space, but if you can't find a quiet place, when noises arise **MUTE** your laptop.
8) **REMEMBER TO UNMUTE WHEN SPEAKING**
   a. Follow your instructor's directions about using the **"raise hand"** icon or chat function to be recognized and to speak, but make sure you have unmuted your device.
   b. Do not speak when someone else is speaking.
9) **REMAIN FOCUSED AND PARTICIPATE IN THE MEETING**
   a. Especially when the camera is on YOU, we can all see your actions. Engage in the meeting. Look at the camera. Listen to instruction. Answer questions when asked.
   b. Do not use the Zoom meeting to meet with your peers or put on a "show" for them.
10) **PAUSE YOUR VIDEO IF MOVING OR DOING SOMETHING DISTRACTING**
   a. Emergencies happen. If you need to leave the room or get up and move about, stop your video.

Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

How do I show academic honesty and integrity in an online "classroom"?

- **KEEP YOUR PASSWORDS CONFIDENTIAL.**
  - You have a unique password to access online software like Canvas. Never allow someone else to log-in to your account.
- **COMPLETE YOUR OWN COURSEWORK.**
  - When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

Examples of Academic Dishonesty that can occur in an online environment:
- Copying from others on a quiz, test, examination, or assignment;
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment;
- Having someone else take an exam or quiz for you;
- Conferring with others during a test or quiz (if the instructor didn't explicitly say it was a group project, then he/she expects you to do the work without conferring with others);
- Buying or using a term paper or research paper from an internet source or other company or taking any work of another, even with permission, and presenting the work as your own;
- Excessive revising or editing by others that substantially alters your final work;

- Sharing information that allows other students an advantage on an exam (such as telling a peer what to expect on a make-up exam or prepping a student for a test in another section of the same class);
- Taking and using the words, work, or ideas of others and presenting any of these as your own work is plagiarism. This applies to all work generated by another, whether it be oral, written, or artistic work. Plagiarism may either be deliberate or unintentional.

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit http://www.imperial.edu/studentresources or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

Tentative, subject to change without prior notice

Reading and assignments due before class are to be completed so that you may be an active participant in synchronous class sessions and class activities.

DATE/ WEEK	ACTIVITY, ASSIGNMENT, AND/OR TOPICS	READING: Lehne's, (2019) UNLESS OTHERWISE SPECIFIED	PRE-CLASS ASSIGNMENTS & RECOMMENDED REVIEW: EVOLVE, ATI, DRUG CARDS, ETC
Week 1 02/16/2021	**Introductions/Syllabus** **Tips to Succeed in Pharm** **Review Drug Card Template** **Types of Seizures** **How Antiepileptic Drugs (AEDs) work** **Therapeutic Considerations** **Traditional vs Newer AEDs** - Mechanism of Action - Pharmacokinetics - Therapeutic Uses - Adverse Effects - Interactions **Depression Overview** - Basic Considerations of Antidepressant Drugs - Selective Serotonin Reuptake Inhibitors (SSRI) - Serotonin/Norepinephrine Reuptake Inhibitors (SNRI) - Tricyclic Antidepressants (TCA) - Monoamine Oxidase Inhibitors (MAOI) - Atypicals - Somatic (nondrug) Therapies **Bipolar Disorder Overview** - Mood-Stabilizing Drugs	**Chapters 24, 32, 33, 35, & 36** **Chapter 24: Drugs for Seizure Disorders** **Chapter 32: Antidepressants** **Chapter 33: Drugs for Bipolar Disorder** **Chapter 35: Management of Anxiety Disorders** **Chapter 36: Central Nervous System: Stimulants and Attention-Deficit/Hyperactivity Disorder** **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"**	**ATI Pharm Made Easy: Modules covering reading content** Review Neurological/ Psychological Diseases Patho Review Physiology of CNS Review Proto-type Drugs **Drug Cards: (5)** **CH24: Phenytoin** **CH32: Fluoxetine** **CH33: Lithium** **CH35: Alprazolam** **CH36: Amphetamine sulfate,** MedCom Videos

	Anxiety Disorders Overview and Management		
Week 2 **02/23/2021**	**Antihistamines, Drugs for Allergic Rhinitis, Cough, and Colds** **Drugs for Asthma and Chronic Obstructive Pulmonary Disease** ****05/15–deadline to drop without a "W".**	**Chapters 70, 76, & 77** **Chapter 70: Antihistamines** **Chapter 77: Drugs for Allergic Rhinitis, Cough, and Colds** **Chapter 76: Drugs for Asthma and Chronic Obstructive Pulmonary Disease** **Chapter 90: Antimycobacterial Agents: Drugs for Tuberculosis, Leprosy, and** *Mycobacterium avium* **Complex Infection** **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"**	**ATI Pharm Made Easy: Respiratory Module 100%** Practice Evolve Questions/ Read Rationales Review Pulmonary Diseases Patho Review Antihistamine response Patho Review Tuberculosis **Drug Cards(7) :** **CH70: Diphenhydramine, Cetirizine** **CH77: Fluticasone,Oxymetazoline,** **CH76: Albuterol, Ipratropium** **CH90: TB treatment card**
Week 3 **03/02/2021**	**Drugs for Spasticity** **Drugs for Localized Muscle Spasm** **Other Centrally Acting Muscle Relaxants** **Management of Insomnia** **Use of Sedative-Hypnotic Drugs**	**Chapters 25 & 34** **Chapter 25: Drugs for Muscle Spasm and Spasticity** **Chapter 34: Sedative-Hypnotic Drugs** **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"**	**ATI Pharm Made Easy: Neuro & musculoskeletal sections that cover this week's reading content** Review Neuromuscular Diseases Patho **Drug Cards(3):** **CH25: Baclofen, Dantrolene** **CH34: Zolpidem** **ATI Pharm Practice Quiz**
Week 4 **03/09/2021**	**EXAM 1: All content from weeks 1, 2, & 3**		**Exams will be in Canvas, during class time while on Zoom – unless otherwise instructed.**
Week 5 **03/16/2021**	**Cyclooxygenase Inhibitors: NSAIDs and Acetaminophen** **Arthritis/Gout**	**Chapters 71, 72, 73, & 74** **Chapter 71: Cyclooxygenase Inhibitors: Nonsteroidal Anti-Inflammatory Drugs and Acetaminophen**	**ATI Pharm Made Easy: Pain/Inflammation – sections that cover this week's readings.**

			Review Musculoskeletal Diseases Patho
		Chapter 72: Glucocorticoids in Nonendocrine Disorders	**Drug Cards: TBA**
		Chapter 73: Drug Therapy for Rheumatoid Arthritis	
		Chapter 74: Drug Therapy for Gout	
		Review Key Points	MedCom Videos
		Prototype Drugs	
		Review "Summary of Major Nursing Implications"	
Week 6 **03/23/2021**	**Parkinson Disease and Management** **Alzheimer's Disease and Management**	Chapter 21 & 22 **Chapter 21: Drugs for Parkinson Disease** **Chapter 22: Drugs for Alzheimer's Disease**	**ATI Pharm Made Easy: Neuromuscular** PD Case Study Review Parkinson & Alzheimer's Diseases Patho
		Review Key Points	**Drug Cards: TBA**
		Prototype Drugs	
		Review "Summary of Major Nursing Implications"	
Week 7 **03/30/2021**	GI	Chapter 78, 79, & 80 **Chapter 78: Drugs for Peptic Ulcer Disease** **Chapter 79: Laxatives** **Chapter 80: Other Gastrointestinal Drugs**	**ATI Pharm Made Easy: Gastrointestinal Module 100%** Review GI Diseases Patho **Drug Cards: TBA**
		Review Key Points	ATI Practice Exam
		Prototype Drugs	
		Review "Summary of Major Nursing Implications"	
	EXAM 2: Majority of content will be on weeks 5, 6, & 7. There will be 5 – 10 questions included on drug classes from previous exam.		**Exam 2 will be on Canvas Friday April 2nd, time TBA**

Week 8 04/06/2021 No Classes	Spring Break		
Week 9 04/13/2021	Cardiovascular Drugs Heart Failure	Chapter 41, 43, 44, 45, 46, 47, & 48 Chapter 41: Diuretics Chapter 43: Review of Hemodynamics Chapter 44: Drugs Acting on the Renin-Angiotensin-Aldosterone System Chapter 45: Calcium Channel Blockers Chapter 46: Vasodilators Chapter 47: Drugs for Hypertension Chapter 48: Drugs for Heart Failure Review Key Points Prototype Drugs Review "Summary of Major Nursing Implications"	ATI Pharm Made Easy: Cardiovascular Practice Evolve Questions/ Read Rationales Review Cardiovascular Diseases Patho Review Cardiovascular and Renal Physiology Drug Cards: TBA
Week 10 04/20/2021	Angina/MI/Coagulation Dysrhythmias/Shock	Chapter 49, 50, 51, 52, & 53 Chapter 49: Antidysrhythmic Drugs Chapter 50: Prophylaxis of Atherosclerotic Cardiovascular Disease: Drugs That Help Normalize Cholesterol and Triglyceride Levels Chapter 51: Drugs for Angina Pectoris Chapter 52: Anticoagulant, Antiplatelet, and Thrombolytic Drugs Chapter 53: Management of ST-Elevation Myocardial Infarction	ATI Pharm Made Easy: Cardiovascular & Hematology Practice Evolve Questions/ Read Rationales Review Cardiovascular Diseases Patho Quizlet Review Drug Cards: TBA

		Review Key Points Prototype Drugs Review "Summary of Major Nursing Implications"	
Week 11 04/27/2021	**Hematopoietic Disorders and Management**	**Chapter 55 & 56** **Chapter 55: Drugs for Deficiency Anemias** **Chapter 56: Hematopoietic Agents** **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"**	**ATI Pharm Made Easy: Hematology sections that cover reading content** Review Anemia Patho Review Hematopoietic Physiology and Pathophysiology **Drug Cards: TBA**
Week 12 **05/04/2021**	**EXAM 3: Majority of content will be on weeks 9, 10, & 11. Will be 5 – 10 questions on drug classes from previous exams.**	****Drop Deadline 5/15 with "w"**	
Week 13 05/11/2021	**Chemotherapy of Infectious Disease** **Canvas Review Assignment on Antimicrobial Therapy**	**Chapter 83, 84, 85, 86, 87, 88, 89, & 91** **Chapter 83: Basic Principles of Antimicrobial Therapy** **Chapter 84: Drugs That Weaken the Bacterial Cell Wall I: Penicillins** **Chapter 85: Drugs That Weaken the Bacterial Cell Wall II: Cephalosporins, Carbapenems, Vancomycin, Telavancin, Aztreonam, and Fosfomycin** **Chapter 86: Bacteriostatic Inhibitors of Protein Synthesis: Tetracyclines, Macrolides, and Others** **Chapter 87: Aminoglycosides: Bactericidal Inhibitors of Protein Synthesis** **Chapter 88: Sulfonamides and Trimethoprim**	**ATI Pharm Made Easy: Antimicrobials and all sections that correlate with reading content** **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"** Review Infectious Diseases Patho **Drug Cards: TBA** **ATI Comprehensive Exam 1**

		Chapter 89: Drug Therapy for Urinary Tract Infections Chapter 91: Miscellaneous Antibacterial Drugs: Fluoroquinolones, Metronidazole, Daptomycin, Rifampin, Rifaximin, and Fidaxomicin **05/15 Deadline to drop classes**	
Week 14 **05/18/2021**	**Chemotherapy of Infectious Disease** **Antivirals – chapters 93 & 94 content will not be on final exam. There will be a quiz online in canvas for this content.**	**Chapter 92, 93, 94, 95, & 96** Chapter 92: Antifungal Agents Chapter 93: Antiviral Agents I: Drugs for Non-HIV Viral Infections Chapter 94: Antiviral Agents II: Drugs for HIV Infection and Related Opportunistic Infections Chapter 95: Drug Therapy for Sexually Transmitted Infections Chapter 96: Antiseptics and Disinfectants	**ATI Pharm Made Easy: Anti-viral, fungal, STIs (in Infection Module)** **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"** Review Sexually Transmitted Diseases Patho Review Fungal and Viral Infections Patho **Drug Cards: TBA** **ATI Comprehensive retake**
Week 15 **05/25/2021**	**Endocrine**	**Chapter 57 & 58** Chapter 57: Drugs for Diabetes Mellitus Chapter 58: Drugs for Thyroid Disorders **Review Key Points** **Prototype Drugs** **Review "Summary of Major Nursing Implications"**	**ATI Pharm Made Easy: Endocrine** Practice Evolve Questions/ Read Rationales Review Endocrine Diseases Patho **Drug Cards: TBA** **ATI Comprehensive Exam 2**
Week 16 **06/01/2021**	**Comprehensive Review**		**ATI Comprehensive Exam 2 retake**

Week 17 06/08/2021	Final Exam: Cumulative Exam: 40% of content will be from weeks 13, 14, & 15.		

Subject to change without prior notice