



RNSG 1018 Pharmacological Concepts and Drug Calculations

COURSE SYLLABUS

Fall Semester 2017

COURSE INFORMATION

Credit Hours/Minutes: 4/3000
Class Location: Gillis Building Room 836
Class Meets: Wednesdays 9:00-3:00
CRN: 20147

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Donna Jean Braddy MSN, RN
Office Location: Gillis Building Rm 732
Office Hours: Mondays-Thursdays 7am-9am and 3pm-5pm
Email Address: dbraddy@southeasterntech.edu
Phone: 912-538-3172
Fax Number: 912-538-3106
Tutoring Hours: please schedule an appointment

REQUIRED TEXT

1. Karch, A. (2017). *Focus on nursing pharmacology (7th ed.)*. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins.
2. *2016 Nurse's Drug Handbook (15th ed.)*. Burlington, MA: Jones and Bartlett Learning.
3. ATI testing web service

REQUIRED SUPPLIES & SOFTWARE

pen, pencil, paper, large 3 ring binder and a pocket folder for drug sheets, highlighter, computer access, ear phones (for ATI skills Modules), large spiral notebook, and calculator

COURSE DESCRIPTION

This course provides an introduction to the principles of pharmacology, including: pharmacokinetics, pharmacodynamics, medication interactions and potential adverse medication reactions. This course also enhances the basic mathematical concepts utilized in calculating medication dosages for safe administration to clients throughout the lifespan. Emphasis is placed on drug classifications and nursing care related to the safe administration of medications.

MAJOR COURSE OUTCOMES

1. Apply principles of pharmacology, pharmacokinetics, and pharmacodynamics to medication therapy.
2. Recognize the major classifications of medications, common medications within each classification, side effects, and contraindications.
3. Demonstrate accuracy in computation of medication dosages.
4. Discuss nursing implications and concepts of medication calculations safety when performing medication administration.
5. Understand the legal and ethical implications/aspects of medication administration.

PREREQUISITE(S)

Program Admission

COREQUISITE(S)

RNSG 1005

CONTENT/UNIT OUTCOMES

PRINCIPLES OF PHARMACOLOGY

Order	Description	Learning Domain	Level of Learning
1	Identify groups of occupations/professions in which knowledge of pharmacology is important.	Cognitive	Remembering
2	Describe the role of the United States Food and Drug Administration in determining the safety of drugs for use by the population.	Cognitive	Remembering
3	Define common terminology used in describing drug properties.	Cognitive	Remembering
4	Describe common terminology used for medication administration.	Cognitive	Understanding
5	Differentiate between the terms pharmacology, pharmacokinetics, and pharmacodynamics.	Cognitive	Analyzing
6	Identify measures that support safe medication administration.	Cognitive	Remembering
7	Discuss legal/ethical issues related to medication administration.	Cognitive	Understanding

INTRODUCTION TO MAJOR DRUG CLASSIFICATIONS

Order	Description	Learning Domain	Level of Learning
1	Discuss the purpose for placing drugs within major classifications.	Cognitive	Understanding
2	Identify common therapeutic drug classifications.	Cognitive	Remembering
3	Explain the terms and drug actions, side effects, and nursing implications.	Cognitive	Understanding

MAJOR CLASSIFICATIONS

Order	Description	Learning Domain	Level of Learning
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Order	Description	Learning Domain	Level of Learning
1	Identify common drugs within the following classifications.	Cognitive	Remembering
1a	Chemotherapeutic Agents	Cognitive	Remembering
1b	Drugs acting on the Immune System	Cognitive	Remembering
1c	Drugs acting on the Nervous System	Cognitive	Remembering
1d	Drugs acting on the Endocrine System	Cognitive	Remembering
1e	Drugs acting on the Reproductive System	Cognitive	Remembering
1f	Drugs acting on the Cardiovascular System	Cognitive	Remembering
1g	Drugs acting on the Renal System	Cognitive	Remembering
1h	Drugs acting on the Respiratory System	Cognitive	Remembering
1i	Drugs acting on the Gastrointestinal System	Cognitive	Remembering
2	Describe the uses, actions, side effects, contraindications, nursing implications, and client education needs of selected prototype drugs.	Cognitive	Remembering

DOSAGE CALCULATION

Order	Description	Learning Domain	Level of Learning
1	Convert units of measure from different measurement systems.	Psychomotor	Complex Response
2	Interpret medication orders and identify errors/omissions.	Cognitive	Remembering
3	Interpret information on medication labels.	Cognitive	Remembering
4	Calculate oral medication dosages.	Psychomotor	Complex Response
5	Calculate intramuscular, subcutaneous, intradermal, and intravenous injectable medications.	Psychomotor	Complex Response
6	Calculate IV drip rates.	Psychomotor	Complex Response

GENERAL EDUCATION CORE COMPETENCIES

STC has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS

Students are expected to complete all exams and daily assignments. A unit exam average of 70% or above must be obtained in order to take the final exam.

A final cumulative average of at least 70% must be obtained in order to progress to future nursing courses. No assignment opportunities will be given for extra credit. Any unit exam grade will be entered as is to the nearest 10th. No scores will be rounded (up or down). For example: exam has 60 questions and each

question will be worth 1.66 pts. The student misses 7 questions $7 \times 1.66 = 11.62$. Grade will be recorded as 88.3. This rule applies to every grade issued during this semester. All final averages will be recorded as is (ie a 69.9 is a 69.9).

During an examination, students are required to place all textbooks and personal property on the floor in the front of the classroom as directed by the instructor. Students may be separated in different classrooms, assigned different seats, and/or provided desk dividers during testing as informed by the instructor. No talking is allowed once the exam begins. Once the exam begins, students will not be allowed to exit the classroom until the exam is completed and/or turned into the instructor. Smart watches, cell phones, or any other electronic devices will not allowed during exams. Students found with electronic/communication devices during the exam will be considered cheating; which will result in a zero for the exam. All exams are timed with students receiving one minute to answer each examination question. An additional minute will be added per calculation exam question.

Students must make a 100% on a calculation exam before attending clinical. Students may take the drug calculation exam a maximum of THREE attempts. Each attempt will be a different but similar version. For this exam, students will be allowed 3 minutes per question. Drug calculation exams will be given within the first 3 full weeks of each semester, except for the first semester. During the first semester, the students will complete all ATI drug calculation modules in RNSG 1018 before the first attempt will be given. There will be a week time frame in between the attempts to allow time for remediation, and the student is strongly encouraged to schedule tutoring with an ASN instructor before the next attempt. If a student misses an attempt due to an absence, the student forfeits that attempt and will take the next scheduled attempt. An absence on a third attempt may be evaluated on an individual basis.

Power Points for RNSG 1018 will be available on the M drive: M:\Associate of Science Degree in Nursing\ASN\RNSG 1018\Focus on Pharm 7th ed Karch

EXAMS

Students may be provided time to look at their exam score in class and a general discussion may occur; however, due to time constraints students are encouraged to schedule an appointment with their instructor or another ASN faculty member to view and get further explanation on the missed concepts. In addition, if a student believes a test question needs to be challenged, the student must email their instructor the rationale for consideration. This request must be received via email within 24 hours of the examination. No verbal or text message requests will be granted. The test question and rationale will go before a panel of nursing faculty for decision.

ATI ACTIVITIES

All ATI activities must be completed as outlined on ATI rubric. Failure to do so will result in zero points for the missed activity. No points will be awarded if the activity is not completed on time or the benchmark (most are 85% or Satisfactory) is not met. ATI assignments will be checked at 7:00 am on the morning the assignment is due. If assignment is not satisfactorily completed by this time it will be considered incomplete and points will not be awarded.

TICKET TO CLASS

Assignments may be given as homework which will serve as the student's ticket into class. The student will not be allowed in class if they fail to complete the ticket to class assignment. This will count as an absence and the

student will not be allowed to return to class until the assignment is completed in its entirety. Students may be required to wait until the class takes a break before they are allowed to enter as not to interrupt class.

SELF-ASSESSMENT JOURNAL-LIFELONG LEARNING ASSESSMENT

As part of your curriculum and in accordance with the Georgia Nursing Board Rule 410.-8-.04, you are required to keep a journal of your experiences during all didactic and clinical courses; you will continue to make entries until you graduate. By doing so, it is hoped that the entries made in this journal will provide insight into your strengths and weaknesses and assist in your learning experience. The purpose of the journal is to give you a written record of your experiences and professional and personal growth as a nursing student to a registered nurse.

This self-assessment should help you in determining what you may need to focus on improving, while allowing you to gain a sense of accomplishment at tasks well-done. Re-reading of your journal at intervals during your education should reveal the depth of knowledge you have gained and allow you to see the development of the clinical skills and critical thinking skills required to be an outstanding registered nurse, as well as successful member of the workforce.

Each week, you will be required to submit an entry. You will be provided certain topics about the week and may include feelings about the week's experiences.

Your instructors will read your journal! It would be prudent to omit non-constructive personal comments about your instructors or classmates. If there is an issue with a course, clinical, instructor, classmate, etc., the student should discuss these issues with the program director and follow protocol for grievances.

The journal will be in an online format through Blackboard. The journals will be due, as outlined in your course syllabi, every Monday (Tuesday in the event Monday is a holiday) by 8:00 am. The journal will be linked to the following courses: RNSG 1005, 1020, 2000 and 2020. A point per week deduction for not submitting your journal by the date/time due will result in points being taken off your FINAL AVERAGE. For example, there will be 10 journal entries due for Summer Semester. If no journal entries were completed, then 10 points will be deducted from your FINAL AVERAGE.

ATTENDANCE GUIDELINES

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and also interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of F and face financial aid repercussions in upcoming semesters.

ADDITIONAL ATTENDANCE PROVISIONS

HEALTH SCIENCES

Requirements for instructional hours within Health Science programs reflect the rules of respective licensure

boards and/or accrediting agencies. Therefore, these programs have stringent attendance policies. Each program's attendance policy is published in the program's handbook and/or syllabus which specify the number of allowable absences. All provisions for required make-up work in the classroom or clinical experiences are at the discretion of the instructor.

Attendance is counted from the first scheduled class meeting of each semester. To receive credit for a course a student must attend at least 90% of the scheduled instructional time. Time and/or work missed due to tardiness or absences must be made up at the convenience of the instructor. Any student attending less than the required scheduled instructional time (90%) may be dropped from the course as stated below in the Withdrawal Procedure. Tardy means arriving after the scheduled time for instruction to begin. Early departure means leaving before the end of the scheduled time. Three (3) tardies or early departures equal one (1) absence for the course. A tardy will be issued if a student has missed less than 20% of instructional class time. An automatic absence will be issued if the student misses greater than 20% of instructional class time. This averages out to 10 minutes per hour. For example, a class that meets from 9:00-11:30 will be considered absent if he/she is not in class by 9:30.

The didactic portion of the class will meet for 60 hours. A student is allowed to miss a maximum of 6.0 hours. Students missing more than 6.0 hours will be dropped for exceeding the attendance procedure.

SPECIAL NEEDS

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas, 912-538-3126, hthomas@southeasterntech.edu, to coordinate reasonable accommodations.

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please advise me and make appropriate arrangements with Helen Thomas, 912-538-3126, hthomas@southeasterntech.edu.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC)

A student will only be allowed to make-up one unit exam, which will be given at the discretion of the instructor. A physician's excuse/appropriate documentation may be required for the student to be eligible to take a make-up exam. A 10 point deduction may be issued if the student misses a unit exam and fails to provide appropriate documentation. A grade of "0" will be given to all subsequent unit exams missed. The make-up exam may or may not be the same as the original exam. It may also be a different test format. If a student misses the final exam and has already used their ONE time make-up, the student will NOT be allowed to make-up the final exam; which will result in a zero for the final exam.

STUDENT SUCCESS PLAN (SSP)

Our purpose is to educate safe entry-level health care professionals. At times, this may mean there are areas that must be improved upon. The SSP documents deficiencies and provides a means for improvement. A success plan should be initiated for the following reasons:

If the student has a cumulative unit exam average of $\leq 70\%$ after the completion of 25% of the unit exams or skills deficiency, the faculty will initiate individual counseling session and complete a SSP.

If the student has a cumulative unit exam average of $\leq 70\%$ after the completion of 50 % of the unit exams or skills deficiency, the faculty will initiate individual counseling session, as well as review and update the SSP and submit an Early Alert via TEAMS.

ACADEMIC DISHONESTY POLICY

The STC Academic Dishonesty Policy states All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the STC Catalog and Student Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

The procedure for dealing with academic misconduct and dishonesty is as follows:

1. First Offense

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

2. Second Offense

Student is given a grade of "WF" for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

3. Third Offense

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member or citizenship status (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

ADA/Section 504 - Equity- Title IX (Students) - OCR Compliance Officer	Title VI - Title IX (Employees) - EEOC Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 108 Phone: 912-538-3126 hthomas@southeasterntech.edu	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3147 bwilcox@southeasterntech.edu

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on STC's website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the [STC website](#).

TCSG GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

Assessment/Assignment	Percentage
Unit Exam	50
Final Exam	30
ATI Activities	10

Assessment/Assignment	Percentage
Drug Info Sheets	10
Drug Calculation	P/F

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

SUBJECT TO CHANGE

RNSG 1018 Pharmacological Concepts and Drug Calculations

Fall Semester 2017 Lesson Plan

Week 1 August 16

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Intro to Course	Introduction to Course Review Syllabi and Course Expectations	Complete Student Packet and Course Documents	
Chapter 1	Introduction to Drugs	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*1 **1-3
Chapter 2	Drugs and the Body	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*1 **1-3
Chapter 3	Toxic Effects of Drugs	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*1 **1-3
Chapter 5	Dosage Calculations	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*4 **1-3
Chapter 6	Challenges to Effective Drug Therapy	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*1 **1-3

Week 2 August 23

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
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SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 1 CHAPTER 1,2,3,5,6	*1,4 **1-3
Chapter 34	Endocrine System	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 35	Hypothalamic and Pituitary Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 36	Adrenocortical Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 37	Thyroid and Parathyroid Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 38	Agents to Control Blood Glucose Levels	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3

Week 3 August 30

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 2 CHAPTER 34-38	*2-4 **1-3
Chapter 9	Antibiotics	Read Assigned Chapter Review associated Power Points Complete ATI	*2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities –see Rubric	
Chapter 10	Antiviral Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 11	Antifungal Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 12	Antiprotozoal Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 13	Anthelmintic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 14	Antineoplastic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3

Week 4 September 6

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 3 CHAPTER 9-14 25% Remediation Mark	*2-4 **1-3
Chapter 29	Autonomic System	Read Assigned Chapter Review associated Power Points	*2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		Complete ATI activities –see Rubric	
Chapter 30	Adrenergic Agonists	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 31	Adrenergic Antagonists	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	**2-4 **1-3
Chapter 32	Cholinergic Agonists	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	**2-4 **1-3
Chapter 33	Anticholinergic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	**2-4 **1-3

Week 5 September 13

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 4 CHAPTER 29-33	**2-4 **1-3
Chapter 53	Respiratory System	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	**2-4 **1-3
Chapter 54	Upper Respiratory Agents	Read Assigned Chapter Review associated Power Points Complete ATI	**2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities –see Rubric	
Chapter 55	Lower Respiratory Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	**2-4 **1-3

Week 6 September 20

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 5 CHAPTER 53-55	*2-4 **1-3
Chapter 42	Cardiovascular System	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter43	Blood Pressure Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 44	Heart Failure Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 45	Antiarrhythmic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3

Week 7 September 27

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 6 CHAPTER 42-45	*2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		50% Remediation Mark	
Chapter 46	Antianginal Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 47	Lipid-Lowering Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 48	Blood Coagulation Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 49	Drugs to Treat Anemias	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3

Week 8 October 4

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 7 CHAPTER 46-49	*2-4 **1-3
Chapter 15	Immune Response and Inflammation	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 16	Anti-Inflammatory, Antiarthritis and Related Agents	Read Assigned Chapter Review associated Power Points Complete ATI	**2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities –see Rubric	
Chapter 17	Immune Modulators	Read Assigned Chapter Review associated Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 18	Vaccines and Sera	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3

Week 9 October 11

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 8 CHAPTER 15-18	*2-4 **1-3
Chapter 19	Nerves & Nervous System	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 20	Anxiolytic & Hypnotic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 21	Antidepressant Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 22	Psychotherapeutic Agents	Read Assigned Chapter Review associated	*2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		Power Points Complete ATI activities –see Rubric	
Chapter 23	Antiseizure Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
OCTOBER 16 is the 65% mark for this class			

Week 10 October 18

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 9 CHAPTER 19-23	*2-4 **1-3
Chapter 24	Antiparkinsonism Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 25	Muscle Relaxant	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 26	Narcotics, NA, & Antimigraine Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 27	General and Local Anesthetic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 28	Neuromuscular	Read Assigned	*2-4

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
	Junction Blocking Agents	Chapter Review associated Power Points Complete ATI activities –see Rubric	**1-3

Week 11 October 25

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 10 CHAPTER 24-28	*2-4 **1-3
Chapter 50	Renal System	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 51	Diuretic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 52	Drugs that affect the Urinary Tract & Bladder	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3

Week 12 November 1

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 11 CHAPTER 50-52 100% Drug Calculation Exam Attempt 1	*2-4 **1-3
Chapter 56	GI System	Read Assigned Chapter Review associated Power Points Complete ATI	*2-4 **1-3

SUBJECT TO CHANGE

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities –see Rubric	
Chapter 57	Drugs that Affect GI Secretions	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 **1-3
Chapter 58	Drugs that Affect GI Mobility	Read Assigned Chapter Review associated Power Points Complete ATI activities –see Rubric	*2-4 *1-3
Chapter 59	Antiemetic Agents	Read Assigned Chapter	Chapter 58

Week 13 November 8

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 12 CHAPTER 56-59 100% Drug Calculation Exam Attempt 2-if needed	*2-4 **1-3

Week 14 November 15

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		COMPREHENSIVE FINAL 100% Drug Calculation Exam Attempt 3-if needed	*1-4 **1-3

***Competency/Unit Outcomes:**

1. Principles of Pharmacology
2. Introduction to Major Drug Classifications
3. Major Classifications
4. Dosage Calculation

****General Core Educational Competencies**

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.

SUBJECT TO CHANGE

3. The ability to read, analyze, and interpret information.

SUBJECT TO CHANGE**RNSG 1018 ATI ACTIVITIES**

Week	Lecture Pharmacology Made Easy 3.0 Lessons/Test (10 Points Each)	Lab Dosage Calculation and Safe Medication Administration 2.0 Lessons (10 Points Each)	Practice Assessments (15 Points Each)	Total Possible Points	Points Earned
1	Introduction	Safe Dosage Test		20	
2	Endocrine ***Start Musculoskeletal	Medication Administration Test		20	
3	Infection/ **Start Immune	Oral Medications Test		20	
4	Start Neurological- 2	Injectables Test		20	
5	Respiratory	Powdered Test		20	
6	Cardiovascular	Parenteral Test		20	
7	Hematologic	Dosage by Weight Test		20	
8	**Complete Immune *** Continue Musculoskeletal	Pediatric Test		20	
9	Neurological-1 Finish Neurological-2	Critical Care Test		20	
10	***Finish Musculoskeletal			10	
11	Genitourinary			10	
12	Gastrointestinal			10	
13			Practice Assessments A&B	30	
14					
15				240	

There are a total of 240 points assigned for all completed ATI activities which account for 24 points (10%) toward your final grade. In order for you to receive the full 24 points, you must complete all assignments (this includes watching videos in a timely fashion and completing exams per section) and score at least an 85% benchmark. All ATI assignments are due by 7:00 am on the specified due date (e.g. Week 1 activities will be checked the morning of Exam 1, Week 2 activities will be checked the morning of Exam 2, etc.). Failure to complete assignments by this time will result in a grade of zero for that assignment.

WEEKS (3&8) & (4&9) ATI ACTIVITIES RUBRIC TUTORIALS & PRACTICE ASSESSMENT SECTIONS

***Week 2- You will start the Musculoskeletal; work on it during week 8, and finish week 10.

**Week 3- You will start the Immune Module and complete it during Week 8.

For Week 4 Assignments, you will still need to watch the module and complete the test for the Dosage

SUBJECT TO CHANGE

Calculation and Safe Medication Administration 2.0 Injectables.

For the Lecture Pharmacology Made Easy 3.0, you will need to watch the Neurological-2, sections:

INTRODUCTION

DRUG THERAPY FOR GLAUCOMA

You will also need to watch Neurological-1 sections:

INTRODUCTION

DRUGS THAT TREAT ALZHEIMER'S DISEASE

The remaining parts of Neurological-1 & 2 will need to be watched during week 9. Both tests will need to be completed at this time and then points will be rewarded for both.

DRUG SHEETS

There are specific drugs that you are assigned to complete a drug sheet on throughout the course; these will help you prepare for the unit exam and be used for clinicals throughout the program. You will need to keep these drug sheets in a 3 ring binder. The drug sheets will be graded and will count for 10% of your grade. The drug sheet for each unit will be due the morning of the test at 9am in a pocket folder. Failure to turn in drug sheets by the deadline will result in a grade of "0" for this assignment. (Remember this is 10% of your grade).

1. The ATI Medication Template Sheet is to be utilized to capture the required drug information for selected drugs. The template is located on ATI's web site under Integration Resources: Active Learning Templates 2016: Medication.

2. ALL INFORMATION ENTERED ONTO THE TEMPLATE MUST BE HANDWRITTEN.

DRUG ASSIGNMENT LIST

*Place the drug sheets in a pocket folder and turn in by **9am the day of each unit exam!** All drug sheets for each section must be handwritten and be turned in to receive credit; no partials will be accepted.*

Week	Unit	List of Drugs
Week 2	Endocrine (10)	DDAVP, Decadron, Glucagon, Glucophage, ¹³¹ I, Parlodel, Predinsone Propylthiouricil, Synthroid, Insulins (on back of sheet, list different types of insulin-refer to page 638)
Week 3	Chemotherapeutic (12)	Acyclovir, Diflucan, Flagyl, INH, Keflex, Rocephin, Septra, Sumycin, Tamiflu Vancocin, Vermox, Zithromax
Week 4	ANS (11)	Aricept, Atropine, Cardura, Catapres, Detrol, Inderal, Mestinon, Normodyne, Phentolamine, Dopamine, Epinephrine
Week 5	Respiratory (10)	Atrovent, Mucinex, Proventil, Pulmicort, Pulmozyme, Sudafed, Vistaril, Zyrtec, Benadryl, Mucomyst
Week 6	Cardiovascular A (9)	Capoten, Cardizem, Lanoxin, Lidocaine, Monopril, Nitropress, Tenormin, Cozaar, Cordarone
Week 7	Cardiovascular B (18)	Aspirin, Coumadin, Epogen, Feosol, Folvite, Heparin, Hydro-Crysti-12, Lipitor, Lovenox, Nitro-Bid, Plavix, Questran, Toprol, Urokinase, Vit K, Zetia, Niacin, Protamine Sulfate

SUBJECT TO CHANGE

Week 8	Immune (13)	Celebrex, Comvax, DTaP, Enbrel, HibTITER, Immune globulin, Indocin, M-M-RII, Motrin, RhoGAM, Sandimmune, Toradol, Tylenol
Week 9	Central and Peripheral Nervous System A (15)	BuSpar, Depakote, Dilantin, Elavil, Haldol, Lithotabs, Nardil, Prozac, Ritalin, Tegretol, Thorazine, Valium, Wellbutrin, Xanax, Zyprexa
Week 10	Central and Peripheral Nervous System B (10)	Anectine, Cogentin, Dantrium, Imitrex, Levodopa, Narcan, , Demerol, Morphine, Flexeril, Propofol
Week 11	Renal (8)	Aldactone, Pyridium, Diamox, Ditropan, HydroDIURIL, Lasix, Osmitol, Flomax
Week 12	GI (11)	Antivert, Carafate, Colace, Cytotec, Imodium, Pancrease, Phenergan, Prilosec, Reglan, Tagamet, Zofran