



RNSG 1018 Pharmacological Concepts and Drug Calculations

COURSE SYLLABUS

Fall Semester 2022

This syllabus is subject to change. If changes are made, you will be notified as soon as possible.

COURSE INFORMATION

Credit Hours/Minutes: 4/3000

Didactic: 4 (3000 minutes)

Class Location: Vidalia Campus/ Gillis Building Room 836; STUDENTS ARE REQUIRED TO WEAR SCRUB PANTS AND SCRUB TOP OR STC SHIRT TO CLASS, TESTING AND LAB- Refer to Handbook

Class Meets: 0900-1200 and 1300-1500 on Wednesdays; **TEST DAYS: TESTS will begin at 0800; doors will close at 0755.** Please note that testing is planned to be held on campus; however, online testing via Respondus may occur. You will be given appropriate notice if any changes are made.

Your first calculation attempt is tentatively scheduled for November 2 at 1530; if additional attempts for the calculation exam are needed, these will also be on campus on November 9 and 16 (times will be announced later).

Course Reference Number (CRN): 20160

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Donna Jean Braddy Master of Science in Nursing (MSN), Registered Nurse (RN)

(Another ASN instructor may fill in and teach at any time)

Campus/Office Location: Vidalia Campus/Gillis Building Room 732

Office Hours: Daily: Daily 1500-1700; Monday, Tuesday, and Thursday 0900-1200

Email Address: Donna Jean Braddy (dbraddy@southeasterntech.edu)

Phone: 912-538-3172

Fax Number: 912-538-3106

Tutoring Hours: please schedule an appointment via email

Preferred Method of Contact: EMAIL

All communication with faculty should be completed using STC email. Please note that emails sent during business hours will be answered within 24-48 hours. Emails sent during holidays and on weekends may not be answered until the next business day.

SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND STUDENT HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook](https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf) (<https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf>).

REQUIRED TEXT

1. Karch, A. (2020). *Focus on nursing pharmacology (8th ed.)*. Wolters Kluwer Health/Lippincott Williams & Wilkins.
2. Vallerand, A. and Sanoski, A. (2020). *Davis's drug guide for nurses (17th ed.)*. F.A, Davis.
3. Assessment Technologies Institute (ATI) Virtual Simulation and testing services **REQUIRED SUPPLIES & SOFTWARE**

REQUIRED SUPPLIES & SOFTWARE:

Pen, pencil, paper, large 3 ring binder, highlighter, laptop, computer access, ear phones for ATI skills assignments, folder with pockets, calculator

Students should not share login credentials with others and should change passwords periodically to maintain security.

Laptop computers are **REQUIRED** with the following suggested specification:

- Processor i5 or i7
- Memory 8GB or higher
- Hard drive 250GB or larger
- Get a DVD Drive either internal or external
- Webcam with microphone is required
- ATI Internet Requirements: A minimum internet speed of 5 Mbps is required (10 Mbps or more is recommended). Test your internet speed using www.speedtest.net

Google Chrome and Firefox are the recommended browsers to use for Blackboard Collaborate. Google Chrome is the recommended browser to use for WebEx. Google Chrome is the recommended browser to use for ATI.

Note: Although students can use their smart phones and tablets to access their online course, discussions, exams, assignments, and other graded activities, these items should be performed on a personal computer. Neither Blackboard nor GVTC provide technical support for issues relating to the use of a smart phone or tablets. Students are advised to not rely on these devices to take an online course.

ATI Technical Requirements: Students have access to the most updated technical requirement recommendations at ATI website. Please note that smart phones and iPads do not support many of the modules within ATI.

Students are encouraged to take pictures of completed ATI modules/assignments that capture

student name, date, time, score, and module name that is contained in one picture. Pictures will be emailed to instructor upon request if there is a question concerning a module/assignment completion.

It is the responsibility of the student to communicate technical issues with an ATI representative as the issue happens.

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

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

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.

PREREQUISITES

Program Admission

CO-REQUISITES

RNSG 1005 Foundations of Nursing

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

Order	Description	Learning Domain	Level of Learning
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
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,	Psychomotor	Complex Response

Order	Description	Learning Domain	Level of Learning
	intradermal, and intravenous injectable medications.		
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. An average grade of 70% between unit exams and the final must be obtained in order to advance to the clinical setting. Students are required to have at least a 70% or higher when calculating the average of the unit exams and final exam before other components including ATI assignments, listed under grading policy, will be added for calculation of the final course average/grade. If the student fails to meet the unit exam/final exam expectations, the student will be withdrawn in accordance with the withdrawal procedure.

For example, if the unit exam average is 72.5 and accounts for 60% of the course grade and the final exam grade is 65.6 and accounts 20% for the course grade, the average before progressing to clinical will be calculated as follows:

Unit Exam Average: $72.5 \times 0.60 = 43.5$

Final Exam Grade: $65.5 \times 0.20 = 13.1$.

Average grade for progression to clinical: $43.5 + 13.1 = 56.6$

$56.6 / 80 = 70.7$ average grade and student will be allowed to progress to the clinical portion of the course.

A final clinical average grade of at least 70% must be obtained in order to pass the course.

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 $7 \times 1.66 = 11.62$. $100 - 11.62 = 88.38$. 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 (for example a 69.9 is a 69.9).

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. There will be a week time frame in between the attempts to allow time for remediation. If the student is **unsuccessful on the first attempt**, the **student must attend the scheduled remediation with an ASN Faculty member before subsequent attempts can be taken**. If a student misses an attempt due to an absence, the student may forfeit that attempt and will take the next scheduled attempt. Absences on the third attempt may be evaluated on an individual basis.

It is the student's responsibility to ensure all clinical requirements (immunizations, BLS certification, Fit testing, etc.) remain up to date throughout the program. The student should provide the updated information to course faculty and upload the information into the clinical management system (My Clinical Exchange). Failure to do so by deadline will result in an occurrence and may prevent the student from being accepted by the clinical facility. Failure to be accepted by the clinical facility may result in dismissal from the program as the student will not be able to complete the course without the clinical component.

Textbook PowerPoints will be available via the Blackboard course.

SPECIAL NOTE: During this class, occurrences may be issued for failure to meet classroom/lab requirements (tardiness, uncompleted/late work, etc.).

COVID-19 MASK REQUIREMENT

Students participating in clinical learning experiences are required to follow the **specific screening and PPE protocols of the clinical facility**. Full PPE with N95 mask is required for suspected or confirmed COVID patients.

COVID-19 SIGNS AND SYMPTOMS

We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

COVID-19 Key Symptoms
Fever or felt feverish
Chills
Shortness of breath or difficulty breathing (not attributed to any other health condition)
Cough: new or worsening, not attributed to another health condition
Fatigue

Muscle or body aches
Headache
New loss of taste or smell
Sore throat (not attributed to any other health condition)
Congestion or runny nose (not attributed to any other health condition)
Nausea or vomiting
Diarrhea
In the past 14 days, if you:
Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor(s).

COVID-19 SELF-REPORTING REQUIREMENT

Students, regardless of vaccination status, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report <https://www.southeasterntech.edu/covid-19/>. Report all positive cases of COVID-19 to your instructor and Stephannie Waters, Exposure Control Coordinator, swaters@southeasterntech.edu, 912-538-3195.

EXAMS

If a student shows up late on an exam date or is not prepared to start the exam on time (for example: has laptop issues not related to school network, etc.), the student may not be allowed to take the exam once the faculty has shut the door. The student will have to make up the exam, and this will be counted as his/her opportunity for a make-up exam. After each unit exam, students **must** review missed concepts and rationales allowing for remediation on the missed concepts. While testing in Blackboard, the remediation is provided in a one-time review after the unit exam submission. If for some reason, testing through Blackboard is unavailable, students will review a paper copy of their unit exam in class. After the mandatory remediation review, if a student believes he/she needs further explanation of missed concepts, an appointment should be scheduled with his/her instructor or another faculty member. 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 exam question and rationale will go before a panel of nursing faculty for decision.

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.

ASSESSMENT TECHNOLOGY INSTITUTE (ATI) ACTIVITIES

All ATI activities must be completed as outlined on ATI Activities calendar/lesson plan. **Although previous versions of the assignments may still be available in ATI (example 2.0 or 2016), students are required to complete the most current version of each assignment (example 3.0 or 2019).** Failure to complete all the assignments, with the **required benchmark of 85% or satisfactory (this benchmark must be met in order for the assignment to be considered complete)** will result in unit exam point deductions. Failure to complete 50% or more of the ATI assignments associated with the unit exam will result in a 10-point deduction off that specific unit exam. Failure to complete less than 50% of the ATI assignments associated with the unit exam will result in a 5-point deduction off that specific unit exam. For example, if the student is required to complete 10 assignments for unit exam one, failure to complete 8 assignments will result in a 10-point deduction, whereas, failure to complete 4 assignments will result in a 5-point deduction from unit exam one. In addition, if the student completes all assignments but only meets the benchmark on 8 assignments, a 5-point deduction will occur. **The ATI Module Report for each assignment will be generated at 0800 the day prior to an exam.** It is recommended that students take a picture of the final results of each assignment once completed. During clinicals, ATI assignments may be your ticket to clinicals. If you do not turn the assignment in by the assigned date, you will not be allowed to attend clinical until the assignment is completed. The clinical day missed will be an unexcused absence.

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.

SIMULATION LAB

This course may include a simulation lab. Simulation lab prepares students with the evidence-based principles and clinical skills they will need in real world clinical environments. This simulation will help reduce errors, improve safety, and elevate the quality of patient care. With this assignment, the goal is to develop clinical judgment skills that are necessary to function as a professionally trained nurse. A pre-simulation assignment will be given prior to lab day. To successfully complete the simulation activity, the student must turn in his/her pre-assignment as well as a post-simulation evaluation form after completion of activity. This assignment is mandatory. Failure to complete the simulation lab will leave the student ineligible to attend clinical. If the student is planning to be absent on his/her simulation lab day, it is his/her responsibility to notify the instructor and to find another student to swap lab days. Tardiness to

simulation lab will be counted as an absence. Be sure to review the student handbook regarding simulation lab regulations.

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 in your journal. 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 8am. The journal will be linked to the following courses: RNSG 1005, RNSG 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 PROVISIONS

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 the student 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 (3000 minutes). A student is allowed to miss a maximum of 3 hours. Students missing more than 6 hours will be dropped for exceeding the attendance procedure.

Procedures of the program may be reviewed on an individual basis related to extenuating circumstances related to COVID.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165

Swainsboro Campus: [Daphne Scott dscott@southeasterntech.edu](mailto:dscott@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

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 make appropriate arrangements with the appropriate campus coordinator.

Vidalia Campus: [Helen Thomas hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165

Swainsboro Campus: [Daphne Scott dscott@southeasterntech.edu](mailto:dscott@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the

absence occurs. Requests made after delivery **may not** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (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” (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a “W” for the course.

Important – Student-initiated withdrawals are not allowed after the 65% point. Only instructors can drop students after the 65% point for violating the attendance procedure of the course. Students who are dropped from courses due to attendance or academic deficiency after the 65% point will receive either a “WP” (Withdrawn Passing) or “WF” (Withdrawn Failing) for the semester.

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

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 accessed due to the withdrawal. A grade of “W” will count in attempted hour calculations for the purpose of Financial Aid.

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

A student may 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. The documentation must be submitted to the course instructor(s) within 48 hours of the missed exam. 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 may NOT be allowed to make-up the final exam; which will result in a zero for the final exam. Procedures of the program may be reviewed on an individual basis related to extenuating circumstances related to COVID.

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 SSP should be initiated for the following reasons:

- if the student has (1) a cumulative unit exam average of < 70% after the completion of 25% of the unit exams or (2) a skill(s) performance deficiency. The faculty will initiate individual counseling session and complete the Student Success Plan.
- if the student has (1) a cumulative unit exam average of < 70% after the completion of 50 % of the unit exams or (2) a skill(s) performance deficiency. The faculty will initiate individual counseling session, as well as review and update the Student Success Plan and submit an Early Alert.
- if the student exhibits behavior outside the expected:
 - codes of conduct outlined in professional codes of ethics, professional standards,
 - all procedures/requirements/policies outlined in program handbooks/documents,
 - STC e Catalog and Student Handbook, and/or
 - clinical facility policies and procedures.

The faculty will initiate an individual counseling session via email/Blackboard Collaborate and complete an Academic Occurrence Notice and the SSP. Students are required to submit the SSP within 48 hours and are responsible for meeting with the instructor by the next class meeting.

(T)echnical College System of Georgia (E)arly (A)lert (M)anagement (S)ystem (TEAMS) & The Student Success Plan are designed to ensure that students are well informed about strategies for success, including college resources and assistance. One of the responsibilities of the Program faculty is to monitor the academic progression of students throughout the curriculum. The faculty believes that the student is ultimately responsible for seeking assistance; however, faculty will meet or refer students who are having academic difficulties.

- TEAMS is designed to provide assistance for students who may need help with academics, attendance, personal hardships, etc.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that 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 Southeastern Technical College 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" (Withdrawn Failing) 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

As set forth in the student catalog, Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

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

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3147 Email: Lanie Jonas ljonas@southeasterntech.edu

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College’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 [Southeastern Technical College \(STC\) Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (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- This percentage is calculated based on 12 unit exams	55
Final Exam	30
ATI Activities-This percentage is calculated based on first attempt scores on PRACTICE ASSESSMENT RN Pharmacology Online Practice 2019 A&B (due midnight on December 7)	5
Drug Info Sheets- Students must turn these on the designated date for each unit	10
Calculation Exam- Students must score 100% within 3 attempts in order to pass the course	P/F

Calculation Examination – Students must score 100% within 3 attempts in order to progress in the course and program. Students who do not meet the requirements for the Calculation Examination on the third attempt will be withdrawn according to the withdrawal procedure.

Each student's final course grade will be determined as follows:

Unit exam grade x 0.55 = _____

Final exam grade x 0.30 = + _____

ATI Activities x 0.05 = + _____

Drug Sheets x 0.10 = + _____

Numerical course grade = _____

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79

Letter Grade	Range
D	60-69
F	0-59

RNSG 1018 Pharmacological Concepts and Drug Calculations

Fall Semester 2022 Lesson Plan

Subject to change

(*TBA= to be announced)

Week 1 August 17

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ACTIVITIES	*1 **1-3
Chapter 2	Drugs and the Body	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*1 **1-3
Chapter 3	Toxic Effects of Drugs	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*1 **1-3
Chapter 5	Dosage Calculations	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*4 **1-3
Chapter 6	Challenges to Effective Drug Therapy	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*1 **1-3

Week 2 August 24

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 35	Hypothalamic and Pituitary Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 36	Adrenocortical Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 37	Thyroid and Parathyroid Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 38	Agents to Control Blood Glucose Levels	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 3 August 31

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

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	
Chapter 10	Antiviral Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 11	Antifungal Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 12	Antiprotozoal Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 13	Anthelmintic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 14	Antineoplastic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 4 September 7

Chapter/Lesson	Content	Assignments & Tests Due	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

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	
Chapter 30	Adrenergic Agonists	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 31	Adrenergic Antagonists	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	**2-4 **1-3
Chapter 32	Cholinergic Agonists	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	**2-4 **1-3
Chapter 33	Anticholinergic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	**2-4 **1-3

Week 5 September 14

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ATI ACTIVITIES	**2-4 **1-3
Chapter 54	Upper Respiratory Agents	Read Assigned Chapter Review associated Power Points	**2-4 **1-3

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	
Chapter 55	Lower Respiratory Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	**2-4 **1-3

Week 6 September 21

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 43	Blood Pressure Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 44	Heart Failure Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 45	Antiarrhythmic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 7 September 28

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		EXAM 6 CHAPTER 42-45 50% Remediation Mark	*2-4 **1-3
Chapter 46	Antianginal Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 47	Lipid-Lowering Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 48	Blood Coagulation Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 49	Drugs to Treat Anemias	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 8 October 5

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 16	Anti-Inflammatory, Antiarthritis and Related Agents	Read Assigned Chapter Review associated Power Points	**2-4 **1-3

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	
Chapter 17	Immune Modulators	Read Assigned Chapter Review associated Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 18	Vaccines and Sera	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 9 October 12

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 20	Anxiolytic & Hypnotic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 21	Antidepressant Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 22	Psychotherapeutic Agents	Read Assigned Chapter Review associated Power Points	*2-4 **1-3

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	
Chapter 23	Antiseizure Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 10 October 19

Chapter/Lesson	Content	Assignments & Tests Due	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 RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 25	Muscle Relaxant	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 26	Narcotics, NA, & Antimigraine Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see -see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 27	General and Local Anesthetic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 28	Neuromuscular Junction Blocking Agents	Read Assigned Chapter Review associated Power Points	*2-4 **1-3

Chapter/Lesson	Content	Assignments & Tests Due	Competency Area
		Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	
OCTOBER 24 is the 65% mark			

Week 11 October 26

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 RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 51	Diuretic Agents	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 52	Drugs that affect the Urinary Tract & Bladder	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Week 12 Nov 2

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 11 CHAPTER 50-52	*2-4 **1-3
Chapter 56	GI System	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Chapter 57	Drugs that Affect GI Secretions	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 **1-3
Chapter 58	Drugs that Affect GI Mobility	Read Assigned Chapter Review associated Power Points Complete ATI activities –see RNSG 1018 ATI ACTIVITIES	*2-4 *1-3
Chapter 59	Antiemetic Agents	Read Assigned Chapter	Chapter 58
TODAY at 1530		100% Drug Calculation Exam Attempt 1	

Week 13 Nov 9

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		EXAM 12 CHAPTER 56-59	*2-4 **1-3
Time TBA		100% Drug Calculation Exam Attempt 2, if needed	
NOVEMBER 10 at 0800		MAKEUP EXAM DAY	

Week 14 Nov 16

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

Week 17 December 7

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		RN Pharmacology Practice 2019 A & B BY MIDNIGHT	*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.
3. The ability to read, analyze, and interpret information.

RNSG 1018 ATI ACTIVITIES Week	Pharmacology Made Easy 4.0 Lessons/Test	Dosage Calculation and Safe Medication Administration 3.0 Lessons (Finish the tests weekly)	RN Pharmacology 2019	Due Date Each is due at 0800 unless specified
1	-Finish Introduction to Pharmacology	Safe Dosage		08/23/2022
2	-Finish The Endocrine System -Start The Musculoskeletal System (<i>Drug Therapy for Osteoporosis</i>) -Start The Reproductive and Genitourinary System(<i>Drugs for the Female Reproductive System</i>)	Medication Administration		08/30/2022
3	-Finish Infection	Oral Medications		09/06/2022

RNSG 1018 ATI ACTIVITIES Week	Pharmacology Made Easy 4.0 Lessons/Test	Dosage Calculation and Safe Medication Administration 3.0 Lessons (Finish the tests weekly)	RN Pharmacology 2019	Due Date Each is due at 0800 unless specified
	-Start The Immune System (<i>Drug Therapy for Cancer, Drug Therapy for HIV</i>)			
4	-Start The Neurological System-Part 1 (<i>Drugs That Treat Alzheimer's Disease</i>) -Start The Neurological System-Part 2 (<i>Drug Therapy for Glaucoma</i>)	Injectable Medications		09/13/2022
5	-Finish The Respiratory System	Powdered Medication		09/20/2022
6	-Start The Cardiovascular System (<i>Drug Therapy for Hypertension, Heart Failure, Cardiac Dysrhythmias</i>)	Parenteral (IV) Medications		09/27/2022
7	-Finish The Cardiovascular (<i>Drug Therapy for Coronary Heart Disease</i>) System -Finish The Hematologic System	Dosage by Weight		10/04/2022
8	-Start The Neurological System-Part 1 (<i>Drugs that Treat Multiple Sclerosis</i>) -Finish	Pediatric Medications		10/11/2022

RNSG 1018 ATI ACTIVITIES Week	Pharmacology Made Easy 4.0 Lessons/Test	Dosage Calculation and Safe Medication Administration 3.0 Lessons (Finish the tests weekly)	RN Pharmacology 2019	Due Date Each is due at 0800 unless specified
	<p>The Immune System</p> <p>-Finish The Musculoskeletal System (Drug Therapy for Rheumatoid Arthritis)</p> <p>-Start Pain and Inflammation (Drug Therapy for Pain and Drug Therapy for Inflammation)</p>			
9	<p>-Start The Neurological System-Part 1 (Introduction, Drug Therapy of Seizure Disorders, ADHD and Narcolepsy)</p> <p>-Finish The Neurological System-Part 2(Introduction, Drug Therapy for Anxiety Disorders, Depression, Bipolar)</p>	Critical Care Medications		10/18/2022
10	<p>-Finish Neurological System Part 1 (Drug Therapy for Muscle Spasms, Drug Therapy That Supports Anesthesia, Parkinson's Disease, and Migraine Headaches)</p> <p>-Finish Pain and Inflammation (Introduction)</p>			10/25/2022

RNSG 1018 ATI ACTIVITIES Week	Pharmacology Made Easy 4.0 Lessons/Test	Dosage Calculation and Safe Medication Administration 3.0 Lessons (Finish the tests weekly)	RN Pharmacology 2019	Due Date Each is due at 0800 unless specified
11	-Finish The Reproductive and Genitourinary Systems (Introduction, Male and Genitourinary Drugs)			11/01/2021
12	-Finish The Gastrointestinal System			11/08/2021
15			RN Pharmacology Online Practice 2019 A & 2019 B	12/07/2021 DUE BY MIDNIGHT on Dec 7

The RN Pharmacology Online Practice 2019 A and B will be due after completion of clinicals.

STC Department of Nursing Rounding Rules

Approved: 2/26/2019, Updated: 6/17/2019, reviewed 6/17/2020; 8/9/2021

It is vitally important that you follow the rounding rules below. Failure to follow these rules could cause a client to receive too much or not enough medication. Note: When you begin working, your facility will have a policy on medication administration that you will be expected to follow.

❖ DOCUMENTING

- When documenting your final answer, you must ensure the unit of measurement is included in your answer to indicate you understand what you are giving.
 - For example, if you are finding teaspoons, make sure the word teaspoon(s) is in your answer. Correct = 2 tsp or 2 teaspoons Incorrect = 2
 - The entire unit of measurement must be correct, for example, 40 mL is not the same as 40 mL/hr.
- No trailing zeros and no naked decimals.
 - For example: Whole numbers should never have a zero placed behind the decimal. Correct = 4 mL Incorrect = 4.0 mL
 - For example: When a whole number is NOT present, ALWAYS place a zero in front of the decimal. Correct = 0.1 mL Incorrect = .1 mL

❖ WHEN TO ROUND AND WHEN NOT TO ROUND

- General Rounding: If the number to the right is equal to or greater than 5; round up the number on the left. If the number on the right is less than 5; leave the number to the left as is.
 - For example: 0.76 mL = 0.8 mL; 0.74 mL = 0.7 mL
- Do not round any numbers until the end of the problem!
- **EXCEPTION:** unless you are converting weight (ie: from lbs to kg), you will round to the nearest tenth within the problem.
 - For example: $150 \text{ lbs} \div 2.2 \text{ kg} = 68.1818181818$. You will round to the tenth to give you 68.2 kg before continuing the calculation.
 - Keep all your numbers in your calculator until the end. At the end, you will do your final rounding.
- Make sure you read the question well; some questions may direct you to specifically round to a certain number. In this case, you will follow the provided directions (ie: round your answer to the nearest tenth, hundredth, etc).

❖ IV CALCULATIONS

- Drops/minute (gtts/min) calculations: need to be calculated to the nearest whole number. You cannot measure a $\frac{1}{2}$ a drop.
 - For example: $21.4 = 21 \text{ gtts/min}$ $21.5 = 22 \text{ gtts/min}$
 - mL/hr calculations: need to be calculated to the nearest tenth.
 - For example: $74.32 = 74.3 \text{ mL/hr}$ $75.65 = 75.7 \text{ mL/hr}$

- ❖ **CAPSULES:** Need to be calculated to the nearest whole number; cannot be cut into other portions.

- ❖ **TABLETS:** Unless otherwise indicated, assume tablets are scored and round to the nearest half tablet.

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. The drug sheets will be graded and will count for 10% of your grade. The drug sheet for each unit will be due the day before the corresponding exam at **0800** via the drop box in Blackboard. 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: Resources: eBooks and Active Learning Templates 2019: Medication.
2. ALL INFORMATION ENTERED ONTO THE TEMPLATE MUST BE TYPED.

DRUG ASSIGNMENT LIST

*Turn in by **0800 the day before the corresponding unit exam!** All drug sheets for each section must be typed and be turned in to receive credit; no partials will be accepted (partials will receive a zero). These will need to be uploaded into the RNSG 1018 Med Sheet Dropbox.*

Week	Unit	List of Drugs
Week 2	Endocrine (10)	DDAVP, Decadron, Glucagon, Glucophage, ¹³¹ I, Parlodel, Predinsone, Propylthiouricil, Synthroid, Insulins (on an additional sheet of paper, list the different types of insulin - include onset, peak, duration-refer to page 642 in your textbook- this must be included for this week's drug sheets)
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
Week 8	Immune (10)	Celebrex, DTaP, Enbrel, 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

ONLINE/VIRTUAL SYLLABUS ADDITIONS (if needed due to COVID numbers)

RESPONDUS ONLINE TESTING GUIDELINES:

Due to the COVID 19 pandemic, the Department of Nursing is making an exception in offering online/offsite testing; this only applies to students who have contacted the exposure control coordinator and is not permitted to be on campus due to quarantine. The programs will use Respondus Monitor through Blackboard to administer and proctor the examinations. If a student violates any of these guidelines, his/her test score/attempt will not be counted and the student may be required to take a makeup/additional test.

The following are faculty expectations of the student during the online/offsite testing process.

1. The student will download Respondus to their devices from the STC website.
2. The student will log in at least 15 minutes before the exam is scheduled to begin.
3. The student will secure an area with reliable internet service prior to beginning the exam. It is the student's responsibility to secure a location with reliable internet connection before beginning the examination. Specific Requirements listed below:

- Windows: 10, 8, 7. Windows 10S is not a compatible operating system.
- Mac: OS X 10.12 to macOS 10.15.
- Web camera (internal or external) & microphone
- A broadband internet connection

NOTE: Chromebooks do not support the use of Repondus calculators; therefore, they should not be used for testing purposes.

4. Mobile Hotspots are not to be used since as they are not considered a reliable internet source.
5. The student will perform all required Respondus checks prior to being allowed to test. (examples- Webcam Check and Facial Recognition Check) Faculty are not responsible for student technology issues. It is the student's responsibility to maintain their equipment in working order.
6. The student will have in place a monitoring camera as Respondus Monitor will be used to ensure test integrity. The student will take a complete, 360 degree scan of the testing environment, showing floor, desk and walls. In addition, the student will use a hand held mirror held up to the camera to show that their screen and keyboard is clear of any unnecessary items. The student will need to show the front and back of the mirror. Once the student sits down to start the testing process, he/she is not allowed to get up and leave the camera's view. No one should be present in the room while the student is testing.
7. During the exam, students will be both audio and visually recorded.
8. The student exams will be timed, just like in the face-to-face setting.
9. The student will not use any books, notes or third party supplies during the test. The desk/table will be cleared of additional items. There will be no paper or writing materials allowed. EXCEPTION: On certain tests, your instructor will notify you when a paper (regular or legal) sized white board with one marker and one eraser is allowed. This white board can only be one-sided. During the environmental scan, students will need to have the whiteboard, marker, and eraser present on their desk/table. They will be required to take the whiteboard and show on the environmental scan that both sides of the whiteboard are free of any writings. During testing, when questions require the use of the whiteboard, students will be required to show their work on the whiteboard for the specific question and show that

it is erased after the question prior moving on to the next question. At the end of the exam before submitting the last question, the student will be required to show the front and back of the whiteboard.

10. The student has reviewed the Dishonesty Policy and Procedure for Academic Dishonesty as noted on the course syllabus.
11. The student will not be allowed to use smart watches, cell phones, tablets, calculators, ear phones or other electronic devices during the exam.
12. The student will not wear a hat or any items that obscures the face or eyes while testing.
13. The student will keep the face in clear view of the camera while testing.
14. The student will have all background noise silenced while testing.
15. The student will have no other operating functions open on the computer during testing. (ie: Word, Excel, PowerPoint)
16. The student will be prohibited from taking screen shots or recording of the exam in anyway.
17. The student is prohibited from reading questions or any test material out loud during the test.
18. Question rationales will not be available at this time for test security. Instructors will be available at a later time for missed content review. Students are encouraged to set up individualized meetings with their faculty to discuss specific content areas which were missed.
19. After the exam, the final grade will not be issued or posted to the Blackboard gradebook until the validity of the test is reviewed and approved by the instructor(s). Be aware that the downloads may take 24-72 hours. This includes reviewing the Respondus Monitor report and the video recording of the testing session. At any time the validity is questionable, the student may be required to take a different version of the examination.
20. If a student believes a test question needs to be challenged, the student must email their instructor the evidence-based rationale for consideration. This request must be received via email within 24 hours of the examination.