



## **RNSG 1018B Pharmacological Concepts and Drug Calculations COURSE SYLLABUS Fall Semester 2019**

### **COURSE INFORMATION**

Credit Hours/Minutes: 4/3000

Campus/Class Location: Swainsboro Campus/Building 8 Room 8141

Class Meets: Tuesdays 2:00pm-6:00pm

Course Reference Number (CRN): 20112

### **INSTRUCTOR CONTACT INFORMATION**

Instructor Name: Beth Hendrix, Master of Public Health (MPH), Master of Science in Nursing (MSN), Registered Nurse (RN), Lead Instructor

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

Campus/Office Location: Swainsboro Campus/Building 8 Room 8121

Office Hours: Wednesdays from 9:00 am-11:00am & 1:00 pm-4:00 pm

Email: [Beth Hendrix \(mailto:bhendrix@southeasterntech.edu\)](mailto:bhendrix@southeasterntech.edu)

Phone: 478-289-2284

Fax Number: 478-289-2336

Tutoring Hours: Please schedule an appointment

Instructor Name: Shannon Veal, Master of Science in Nursing (MSN), Registered Nurse (RN)

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

Campus/Office Location: Swainsboro Campus/Building 8 Room 8119

Office Hours: By appointment only

Email: [Shannon Veal \(mailto:sveal@southeasterntech.edu\)](mailto:sveal@southeasterntech.edu)

Phone: 478-289-2333

Fax Number: 478-289-2336

Tutoring Hours: Please schedule an appointment

### **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 Student Handbook \(http://www.southeasterntech.edu/student-affairs/catalog-handbook.php\)](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php).

### **REQUIRED TEXT**

1. Karch, A. (2017). *Focus on nursing pharmacology (7th ed.)*. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins.
2. *2018 Nurse's Drug Handbook (17th ed.)*. Burlington, MA: Jones and Bartlett Learning.

3. Assessment Technologies Institute (ATI) testing web service

### **REQUIRED SUPPLIES & SOFTWARE**

Pen, pencil, paper, large 3 ring binder, highlighter, laptop, computer access, ear phones (for ATI skills modules), large spiral notebook, and calculator

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

Each student will be required to purchase a skill supply kit through Meridy's Uniform by the designated date.

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

### **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 1019B

### **CONTENT/UNIT OUTCOMES**

#### **PRINCIPLES OF PHARMACOLOGY**

<b>Order</b>	<b>Description</b>	<b>Learning Domain</b>	<b>Level of Learning</b>
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	Cognitive	Remembering

Order	Description	Learning Domain	Level of Learning
	Drug Administration in determining the safety of drugs for use by the population.		
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
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	Cognitive	Remembering

Order	Description	Learning Domain	Level of Learning
	errors/omissions.		
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. An average grade of 70% between unit exams and the final must be obtained in order to progress.

### 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).

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 1018B 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.

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

Power Points for RNSG 1018B will be available on the M drive: M: Associate of Science Degree in Nursing Bridge

## **EXAMS**

If a student shows up late for class on an exam date **or is not prepared to start the test on time (for example: has laptop issues not related to school network, ATI assignments not turned to faculty's specifications, 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 test and this will be counted as their opportunity for a make-up exam. 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.

## **ASSESSMENT TECHNOLOGIES INSTITUTE (ATI) ACTIVITIES**

All ATI activities must be completed as outlined on ATI Activities calendar. Students are required to meet the benchmark (most are 85% or Satisfactory) for each assignment. The ATI Module Report for each assignment is **due at 12:00 noon the Monday before** the class period as indicated on the calendar. Failure to turn in the Module Report will result in the student not being eligible to take the unit exam. This may count for the student's one unit make-up if not already used. Please note that only one make-up exam is allowed.

\*ATI ASSESSMENTS (PRACTICE) and remediation are due on specified dates and will be issued points according to the ATI Rubric. This will account for a certain percentage of the course grade. \* For RNSG 1018B, you will have 2 ATI Practice Assessments to complete. Your score for the **FIRST** attempt on Practice A & B will be averaged together and will count as your ATI grade for the course. Your proctored RN Pharmacology will be administered during your last semester.

**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 by midnight**. The journal will be linked to the following courses: RNSG 1019B, 2000B and 2020B. 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 16 journal entries due for Fall Semester. If no journal entries were completed, then 16 points will be deducted from your **FINAL AVERAGE**.

### **CLINICAL SIMULATION LAB**

This course may include a clinical simulation lab. Clinical 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. The student will sign up for ONE clinical simulation lab day. 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 clinical 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.

### **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” (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

### **ADDITIONAL 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. All 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 class will meet for 60 hours. **For this class, which meets 1 day a week for 15 weeks, the maximum number of days a student may miss is 6 hours during the semester. Students missing more than 6 hours will be dropped for exceeding the attendance procedure.**

### **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.

**Swainsboro Campus:** Macy Gay [mgay@southeasterntech.edu](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

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

### **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 arrangements with the appropriate campus coordinator.

**Swainsboro Campus:** Macy Gay [mgay@southeasterntech.edu](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210

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

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” 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 after the 65% point will receive either a “WP” or “WF” for the semester. Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.

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 assessed 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 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 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 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 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" (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**

The Technical College System of Georgia (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, 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 nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

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

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

**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 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 [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 Exams – This percentage is based on 8 unit exams	70
Final Exam	25
ATI Activities – This percentage is calculated based on first attempt scores on PRACTICE ASSESSMENT RN Pharmacology Online Practice 2016 A & B (these are to be completed and due by midnight)	5
Drug Calculation – Students must score 100% within 3 attempts in order to pass the course	P/F

### GRADING SCALE

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

## RNSG 1018B Pharmacological Concepts and Drug Calculations Fall Semester 2019 Lesson Plan

**Week 1 & 2 August 13 & 20**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Intro to Course	Introduction to Course Review Syllabi, Lesson Plan, ATI Activities and Course Expectations	Read Assigned Chapters  <b>***8/15 is the Last Day of Drop/Add for This Semester</b>	
Chapter 1	Introduction to Drugs	Read Assigned Chapter Complete ATI activities	*1 **1-3
Chapter 2	Drugs and the Body	Read Assigned Chapter Complete ATI activities	*1 **1-3
Chapter 3	Toxic Effects of Drugs	Read Assigned Chapter Complete ATI activities	*1 **1-3
Chapter 5	Dosage Calculations	Read Assigned Chapter Complete ATI activities	*4 **1-3
Chapter 6	Challenges to Effective Drug Therapy	Read Assigned Chapter Complete ATI activities	*1 **1-3
Chapter 34	Endocrine System	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 35	Hypothalamic and Pituitary Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 36	Adrenocortical Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**SUBJECT TO CHANGE**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Chapter 37	Thyroid and Parathyroid Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 38	Agents to Control Blood Glucose Levels	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 3 August 27**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 1</b> CHAPTER 1,3,6, 34-38	*1,4 **1-3
Chapter 9	Antibiotics	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 10	Antiviral Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 11	Antifungal Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 12	Antiprotozoal Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 13	Anthelmintic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 14	Antineoplastic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 4 September 3**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 2</b>	*2-4

**SUBJECT TO CHANGE**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		CHAPTER 9-14 <b>100% Calculation Exam Attempt 1 25% Mark for Student Success Plan</b>	**1-3
Chapter 29	Autonomic System	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 30	Adrenergic Agonists	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 31	Adrenergic Antagonists	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 32	Cholinergic Agonists	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 33	Anticholinergic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 5 & 6 September 10 & 17**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 3 September 10 100% Drug Calculation Exam Attempt 2-if needed September 5 100% Drug Calculation Exam Attempt 3-if needed September 12</b> CHAPTER 29-33	*2-4 **1-3
Chapter 53	Respiratory System	Read Assigned Chapter Complete ATI	*2-4 **1-3

**SUBJECT TO CHANGE**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities	
Chapter 54	Upper Respiratory Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 55	Lower Respiratory Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 42	Cardiovascular System	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 43	Blood Pressure Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 44	Heart Failure Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 45	Antiarrhythmic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 7 & 8 September 24 & October 1**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 4 September 24</b> CHAPTER 53-55, 42-45 <b>50% Mark for Student Success Plan September 24</b>	*2-4 **1-3
Chapter 46	Antianginal Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 47	Lipid-Lowering Agents	Read Assigned Chapter Complete ATI	*2-4 **1-3

**SUBJECT TO CHANGE**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities	
Chapter 48	Blood Coagulation Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 49	Drugs to Treat Anemias	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 15	Immune Response and Inflammation	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 16	Anti-Inflammatory, Antiarthritis and Related Agents	Read Assigned Chapter Complete ATI activities	**2-4 **1-3
Chapter 17	Immune Modulators	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 18	Vaccines and Sera	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 9 October 8**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 5</b> CHAPTER 46-19, 15-18	*2-4 **1-3
Chapter 19	Nerves & Nervous System	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 20	Anxiolytic & Hypnotic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 21	Antidepressant Agents	Read Assigned Chapter Complete ATI	*2-4 **1-3



**SUBJECT TO CHANGE**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		activities	
Chapter 22	Psychotherapeutic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 23	Antiseizure Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 10 October 15**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 6</b> CHAPTER 19-23	*2-4 **1-3
Chapter 24	Antiparkinsonism Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 25	Muscle Relaxant	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 26	Narcotics, NA, & Antimigraine Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 27	General and Local Anesthetic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 28	Neuromuscular Junction Blocking Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3

**Week 11 & 12 October 22 & 29**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 7 October 22</b> CHAPTER 24-28 <b>***TODAY, 10/22, is the 65% mark for</b>	*2-4 **1-3

**SUBJECT TO CHANGE**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>this class</b>	
Chapter 50	Renal System	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 51	Diuretic Agents	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 52	Drugs that affect the Urinary Tract & Bladder	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 56	GI System	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 57	Drugs that Affect GI Secretions	Read Assigned Chapter Complete ATI activities	*2-4 **1-3
Chapter 58	Drugs that Affect GI Mobility	Read Assigned Chapter Complete ATI activities	*2-4 *1-3
Chapter 59	Antiemetic Agents	Read Assigned Chapter Complete ATI activities	Chapter 58

**Week 13 November 5**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>EXAM 8</b> CHAPTER 50-52, 56-59	*2-4 **1-3

**Week 14 November 12**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		<b>COMPREHENSIVE FINAL EXAM</b>	*1-4 **1-3

**SUBJECT TO CHANGE**

**Week 15 December 3**

Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
		ATI RN Pharmacology Online Practice Assessment A & B due today by 3pm	

**\*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.

**SUBJECT TO CHANGE**

**RNSG 1018B ATI ACTIVITIES CALENDAR**

<b>Week</b>	<b>Pharmacology Made Easy 3.0 Lessons/Test</b>	<b>Dosage Calculation and Safe Medication Administration 2.0 Lessons</b>	<b>RN Pharmacology Online Practice 2016</b>	<b>Due Date ***Due Monday at 1200 noon before the class period on Tuesday***</b>
<b>1</b>	<b>Introduction to Pharmacology</b>	Safe Dosage Test Medication Administration Test Oral Medications Test		8/19/19
<b>2</b>	<b>Endocrine ***Start Musculoskeletal</b>	Injectables Test Powdered Test Parenteral Test		8/26/19
<b>3</b>	<b>Infection/ **Start Immune</b>	Dosage by Weight Test Pediatric Test Critical Care Test		9/2/19
<b>4</b>	<b>Start Neurological- 2</b>			9/9/19
<b>5</b>	<b>Respiratory</b>			9/16/19
<b>6</b>	<b>Cardiovascular</b>			9/23/19
<b>7</b>	<b>Hematologic</b>			9/30/19
<b>8</b>	<b>**Complete Immune *** Continue Musculoskeletal</b>			10/7/19
<b>9</b>	<b>Neurological-1 Finish Neurological-2</b>			10/14/19
<b>10</b>	<b>***Finish Musculoskeletal Pain &amp; Inflammation</b>			10/21/19
<b>11</b>	<b>Genitourinary</b>			10/28/19
<b>12</b>	<b>Gastrointestinal</b>			11/4/19
<b>13</b>				
<b>14</b>				

**SUBJECT TO CHANGE**

<b>Week</b>	<b>Pharmacology Made Easy 3.0 Lessons/Test</b>	<b>Dosage Calculation and Safe Medication Administration 2.0 Lessons</b>	<b>RN Pharmacology Online Practice 2016</b>	<b>Due Date ***Due Monday at 1200 noon before the class period on Tuesday***</b>
<b>15</b>	<b>Pharmacology Practice A &amp; B</b>		<b>Pharmacology Practice Assessments A &amp; B due before 3pm</b>	12/3/19 before 3pm

All ATI activities must be completed as outlined above on the ATI Activities calendar. Students are required to meet the benchmark (most are 85% or Satisfactory) for each assignment.

The ATI Module Report for each assignment is **due at 12:00 noon the Monday before** the class period as indicated on the calendar. Failure to turn in the Module Report will result in the student not being eligible to take the unit exam. This may count for the student's one unit make-up if not already used. Please note that only one make-up exam is allowed.

\* For RNSG 1018B, you will have 2 ATI Practice Assessments to complete. Your score for the **FIRST** attempt on Pharmacology Practice A & B will be averaged together and will count as your ATI grade for the course.

**WEEKS (2&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.

\*\*Week 4- 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.