



**PNSG 2010 Intro to Pharmacology and Calculations**  
**COURSE SYLLABUS**  
**FALL Semester 2017**

## Course information

Credit Hours/Minutes: 2/3000

Class Location: Building 8 Room 8109

Class Meets: Monday- Thursday 1430-1605

CRN: 20318

## Instructor contact information

Instructor Name: Lea Ann Williams BSN, RN

Office Location: Building 8 Office 8107

Office Hours: 0730-0830 & 1615-1730

Email Address: [lwilliams@southeasterntech.edu](mailto:lwilliams@southeasterntech.edu)

Phone: 478-289-2280

Fax Number: 478-289-2336

Tutoring Hours (if applicable): Please schedule an appointment

## REQUIRED TEXT

Pharmacology Clear & Simple, 2<sup>nd</sup> edition, F.A. Davis

Fundamental Nursing Skills and Concepts, Text 10<sup>th</sup> edition, Lippincott

Nursing 2017 Drug Handbook, Lippincott

Understanding Medical Surgical Nursing, 5<sup>th</sup> edition, FA Davis by Williams & Hopper

Skills Forms /Clinical Forms packet (in our bookstore)

ATI testing web service

## OPTIONAL TEXT

Study Guide for Timby's Fundamental Nursing Skills and Concepts, 11<sup>th</sup> edition, Lippincott

Comprehensive Review for the NCLEX-PN Examination, 6<sup>th</sup> edition, Saunders by Silverstri

Understanding Medical Surgical Nursing Student Workbook, 5<sup>th</sup> edition, FA Davis, by Williams & Hopper

## REQUIRED SUPPLIES & SOFTWARE

Ear phones (for ATI Skills Modules) – if not worn – student will not be allowed into skills lab.

Calculator

Pencils with erasers

## COURSE DESCRIPTION

Applies fundamental mathematical concepts and includes basic drug administration. Emphasizes critical thinking skills. Topics include: systems of measurement, calculating drug problems, resource materials usage, fundamental pharmacology, administering medications in a simulated clinical environment, principles of IV therapy techniques, and client education

## MAJOR COURSE COMPETENCIES

1. Systems of Measurement
2. Medication Calculations
3. Resource Materials Usage
4. Fundamental Pharmacology
5. Client Education
6. Medication Administration (Simulated Clinical Environment)

## PREREQUISITE(S)

Program Admission

Order	Systems of Measurement	Learning Domain	Level of Learning
1	Compare and Contrast methods of metric and household measurements.	Cognitive	Evaluation
2	Describe common units utilized in medications.	Cognitive	Comprehension
3	Differentiate the relationship between methods of measurement.	Cognitive	Analysis
Order	Medication Calculations	Learning Domain	Level of Learning
1	Perform computation of correct medication dosages.	Psychomotor	Guided Response
2	Perform calculations of I.V. fluid rate and intake.	Psychomotor	Guided Response
Order	Resource Materials Usage	Learning Domain	Level of Learning
1	Discuss reference sources for medications.	Cognitive	Comprehension
2	Research information on assigned medications.	Cognitive	Analysis
3	Identify the abbreviations associated with medication administration.	Cognitive	Knowledge
4	Interpret the information found in prescriptions and other medication labels.	Cognitive	Application
5	Interpret medication orders.	Cognitive	Application
Order	Fundamental Pharmacology	Learning Domain	Level of Learning
1	Explain medication origins and nomenclature.	Cognitive	Comprehension
2	Discuss commonly used over the counter pharmaceuticals including supplements.	Cognitive	Comprehension
3	Discuss actions, uses, contraindications, adverse reactions, dosages, routes, food and medication interactions, and implications for patient care of medications.	Cognitive	Comprehension
Order	Client Education	Learning Domain	Level of Learning
1	Integrate client education as it relates to various drug classifications and routes of medication administration.	Psychomotor	Complex Response
Order	Medication Administration (Simulated Clinical Environment)	Learning Domain	Level of Learning
1	Interpret the laws governing the use and misuse of medications.	Cognitive	Comprehension
2	Demonstrate correct administration of oral, parenteral and percutaneous medications.	Psychomotor	Guided Response
3	Recognize administration rights of patients.	Cognitive	Analysis
4	Consider administration rights of patients.	Affective	Valuing
5	Implement safety principles in medication administration.	Psychomotor	Mechanism
6	Integrate appropriate protocol for medication error reporting.	Cognitive	Synthesis
7	Demonstrate basic principles of intravenous therapy.	Psychomotor	Guided Response

## Course Outline

## GENERAL EDUCATION CORE COMPETENCIES

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

The ability to utilize standard written English.

The ability to solve practical mathematical problems.

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 for the unit exams must be obtained in order to take the final exam.** A course grade of 70% must be obtained in order to advance into future nursing courses.

No assignment opportunities will be given for extra credit. Any unit test grade will be entered as is to the nearest 10<sup>th</sup>. No scores will be rounded (up or down). This rule applies to every grade issued during this semester. All final averages will be recorded as is (i.e. 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. Students will be required to rotate seats prior to testing per instructions from 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. Students found with their cell phone or any other personal communication device 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**

It is highly recommended that students take full advantage of the all resources available to them; workbooks, end of chapter review questions, NCLEX-PN review questions, and internet sources but, will be **REQUIRED** to complete **all ATI assignments** that correspond with covered chapters. **Any ATI assignments; these must be completed with a passing score; print out report and turn in prior to test.**

**If these requirements are not met the student will not be allowed to take the exam. This will be counted as the 1 make-up exam unless the student has already missed a previous test and then it will be counted as a zero for the exam. The make-up exam is subject to a 10-point deduction if the student does not provide the instructor with an excused absence.**

\*\*\*Students are subject to pop quizzes

## POWER POINTS

Power points for each chapter are available on the student **M: drive**. This student drive can be accessed by going to the STC website and logging into Remote Lab Access.

## Remediation Procedure

Failure to pass any regular examination with a minimum grade of 70 or above will result in mandatory remediation of the material covered in the exam. Remediation assignments are non-negotiable. The Student Remediation Conference Form will be completed, and the student must complete a remediation assignment. For the designated remediation

assignment, the student will be given a written assignment based on the weak area(s) noted on the exam. All remediation assignments must be completed before the student will be allowed to take the final exam.

## ATTENDANCE GUIDELINES

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

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

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

### HEALTH SCIENCES

Requirements for instructional hours within Health Science and Cosmetology 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, in this class which meets from 2:00-3:35, a student will be counted tardy if he/she arrives between 2:01 and 2:19. After 2:19, the student will be counted absent. Early departures are calculated in the same manner.**

**For this class, which meets 4 days a week for 10 weeks, the maximum number of days a student may miss is 3 days during the semester.**

## SPECIAL NEEDS

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

## Specific Absences

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

## PREGNANCY

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

## Withdrawal Procedure

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

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

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

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

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

## EXIT EXAM

Prior to graduation from the STC PN program, the student is required to pass the ATI PN Comprehensive Predictor Exit Exam with a minimum 90% predicted probability of passing NCLEX. This is a requirement for graduation and not an option. The student will have three chances to achieve this. If the student does not meet the required percentage on the first try, the student may retake the exam. On the second try, if the student does not achieve the required

percentage then the student will remediate with an instructor in the deficient content areas prior to retaking the exam for the third try. The student will be required to pay for the exam if a third attempt is required. If on the third try the percentage is not achieved, the student must retake the nursing courses which include the deficient content material. The student will also receive a grade of "F" in PNSG 2415.

## MAKEUP GUIDELINES (Tests, quizzes, homework, projects, etc...)

In the event of an absence on an exam day, the instructor may require a physician's excuse before a student is allowed to take a make-up exam. A student will only be allowed to re-take one theory exam which will be given at the discretion of the instructor. A grade of "0" will be given to all subsequent 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 and be given a zero for the final exam.

## ACADEMIC DISHONESTY POLICY

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

## Procedure for Academic Misconduct

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

### 1. First Offense

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

### 2. Second Offense

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

### 3. Third Offense

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

## STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information,

disabled veteran, veteran of the Vietnam Era, spouse of military member or citizenship status (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

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

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

## GRIEVANCE PROCEDURES

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

## ACCESS TO TECHNOLOGY

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

## TCSG GUARANTEE/WARRANTY STATEMENT

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

## GRADING POLICY

Assessment/Assignment	Percentage
Unit Exams	75%
Final Exam	25%

## Grading Scale

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



# PNSG 2010 Intro to Pharmacology and Calculations

## FALL Semester 2017

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
WEEK 1 Monday 08/14/17		ATI Fee Due \$800.00 pay to Student Affairs Introduction to class Workbook/CD ATI Pharmacology 3.0 Rounding Rules Conversion table 100 Drug problems from Med-Surg Book	Read upcoming chapters and do end of chapter exercises. ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>	Course 1-6 Core A,B,C
Tuesday 08/15/17	Chapter 1	History of Pharmacology	Read upcoming chapters and do end of chapter exercises. Memorize rounding rules and conversion table ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>	Course 1-6 Core A,B,C
Wednesday 08/16/17	Chapter 2	Basics of Pharmacology (Last day Drop/Add	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Thursday 08/17/17	Chapter 3	Patient Safety in Medication Administration	Read chapters and do end of chapter exercises. Memorize seven rights of safe medication administration. ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>	Course 1-6 Core A,B,C
WEEK 2 Monday 08/21/17	Chapter 4	Regulations	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! Not the systems. <b>Do ALL watch &amp; learn medication videos</b>	Course 1-6 Core A,B,C
Tuesday 08/22/17	Chapter 5	Prescriptions and Labels	Read upcoming chapters and do end of chapter exercises. ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>	Course 1-6 Core A,B,C
Wednesday 08/23/17	Chapter 5	Reading and understanding Medication labels (ATI Dosage Calculation)  <b>Note Chapter 6 information taught in Math 1010 &amp; ALMA – please review on your own ask for clarification or seek tutoring if unable to perform basic math.</b>	ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>  Dosage and Calculation 2.0 choose one of the three: Ratio and Proportion, Desired Over Have, or Dimensional Analysis	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Thursday 08/24/17	LAB	Lab Skills: Drawing up medication from a vial Lab Skills: Skill Drawing up meds from an ampule Lab Skills: Demonstrating safe practice in medication administration.  <b>ALL assigned ATI Modules must be complete with printed certificate to turn in on test day or you will not be allowed to test!</b>	ATI Pharmacology 3.0: Introduction to Pharmacology Complete ALL modules under Intro to Pharmacology only! <u>Not the systems.</u>  Dosage and Calculation 2.0 choose one of the three: Ratio and Proportion, Desired Over Have, or Dimensional Analysis	Course 1-6 Core A,B,C
WEEK 3 Monday 08/28/17	Chapter 7	<b>EXAM # 1 Ch. 1-5</b> (ATI Dosage Calculation)  Measurement Systems	Read upcoming chapters and do end of chapter exercises.  Dosage and Calculation 2.0 choose one of the three: Ratio and Proportion, Desired Over Have, or Dimensional Analysis	Course 1-6 Core A,B,C
Tuesday 08/29/17	Chapter 7	Measurement Systems  Transcribing medication orders	Read chapters and do end of chapter exercises. Dosage and Calculation 2.0 choose one of the three : Ratio and Proportion, Desired Over Have, or Dimensional Analysis	Course 1-6 Core A,B,C
Wednesday 08/30/17	Chapter 8	Dosage Calculations 100 Drug problems from Med-Surg Book	Read chapters and do end of chapter exercises, Dosage and Calculation 2.0 choose one of the three Proportion, Desired Over Have, or Dimensional Analysis	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Thursday 08/31/17	Chapter 9  Chapter 22 (Peds)	Enteral Medications and Administration  Introduction to Maternity & Pediatric Nursing (pg 501-515)	Read chapters and do end of chapter exercises.  Dosage and Calculation 2.0 choose one of the three : Ratio and Proportion, Desired Over Have, or Dimensional Analysis	Course 1-6 Core A,B,C
WEEK 4 Monday 09/04/17	HOLIDAY	<b>Labor Day</b> <b>School Closed for Holiday</b>		
Tuesday 09/05/17	<b>LAB</b>	Lab Skills: Oral medication administration Lab Skills: Halving and crushing oral medications	Read chapters and do end of chapter exercises. ATI Skills Modules Medication Administration 1-4 ATI Skills Module Intravenous Therapy	Course 1-6 Core A,B,C
Wednesday 09/06/17	Chapter 10  Chapter 22 (Peds)	Parenteral Medications and Administration Introduction to Maternity & Pediatric Nursing (pg 501-515)	Read chapters and do end of chapter exercises. ATI Skills Modules Medication Administration 1-4 ATI Skills Module Intravenous Therapy	Course 1-6 Core A,B,C
Thursday 09/07/17	Chapter 35 (Fundamentals Textbook)	Intravenous Medications (Fundamentals Text)	Read chapters and do end of chapter exercises. ATI Skills Modules Medication Administration 1-4 ATI Skills Module Intravenous Therapy	Course 1-6 Core A,B,C
WEEK 5 Monday 09/11/17	<b>LAB</b>	Lab Skills: Administration of Parenteral medications.	Read chapters and do end of chapter exercises. ATI Skills Modules Medication Administration 1-4 ATI Skills Module Intravenous Therapy	Course 1-6 Core A,B,C
Tuesday 09/12/17	<b>LAB</b>	Lab Skills: Administration of Intravenous medications.  Lab Skills: Demonstrate basic principles of intravenous therapy	Read chapters and do end of chapter exercises. ATI Skills Modules Medication Administration 1-4 ATI Skills Module Intravenous Therapy	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Wednesday 09/13/17	<b>LAB</b>	<p>Lab Skills: Administration of Intravenous medications.</p> <p>Lab Skills: Demonstrate basic principles of intravenous therapy</p> <p>ALL assigned ATI Modules must be complete with printed certificate to turn in on test day or you will not be allowed to test!</p>	<p>Read chapters and do end of chapter exercises.</p> <p>ATI Skills Modules Medication Administration 1-4</p> <p>ATI Skills Module Intravenous Therapy</p>	Course 1-6 Core A,B,C
Thursday 09/14/17	Chapter 20 (Fundamentals Textbook)	<p><b>Exam # 2</b></p> <p>Ch. 7,8,9,10, 22 &amp; 35</p> <p>Pain Management (Fundamental text)</p>	<p>Read chapters and do end of chapter exercises.</p> <p>ATI Pharmacology 3.0: Pain and Inflammation</p> <p>ATI Pharmacology 3.0 : Musculoskeletal</p> <p>ATI Pharmacology 3.0 : Neurological 1 and 2</p>	Course 1-6 Core A,B,C
WEEK 6 Monday 09/18/17	Chapter 11	<p>Integumentary</p> <p>Lab Skills: Administering topical medications</p>	<p>Read chapters and do end of chapter exercises.</p> <p>ATI Pharmacology 3.0: Pain and Inflammation</p> <p>ATI Pharmacology 3.0 : Musculoskeletal</p> <p>ATI Pharmacology 3.0 : Neurological 1 and 2</p>	Course 1-6 Core A,B,C
Tuesday 09/19/17	Chapter 12	Musculoskeletal	<p>Read chapters and do end of chapter exercises.</p> <p>ATI Pharmacology 3.0: Pain and Inflammation</p> <p>ATI Pharmacology 3.0 : Musculoskeletal</p> <p>ATI Pharmacology 3.0 : Neurological 1 and 2 .</p>	Course 1-6 Core A,B,C
Wednesday 09/20/17	Chapter 13	Nervous System	<p>Read chapters and do end of chapter exercises.</p> <p>ATI Pharmacology 3.0: Pain and Inflammation</p> <p>ATI Pharmacology 3.0 : Musculoskeletal</p> <p>ATI Pharmacology 3.0 : Neurological 1 and 2.</p>	Course 1-6 Core A,B,C
Thursday 09/21/17	Chapter 13	<p>Nervous System</p> <p>ALL assigned ATI Modules must be complete with printed certificate to turn in on test day or you will not be allowed to test!</p>	<p>Read chapters and do end of chapter exercises.</p> <p>ATI Pharmacology 3.0: Pain and Inflammation</p> <p>ATI Pharmacology 3.0 : Musculoskeletal</p> <p>ATI Pharmacology 3.0 : Neurological 1 and 2.</p>	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
WEEK 7 Monday 09/25/17	Chapter 14	<b>Exam # 3</b> Ch. 11,12,13 & 20(fundamentals)  Eye & Ear	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Infection ATI Pharmacology 3.0 : Endocrine ATI Pharmacology 3.0 : Cardiovascular	Course 1-6 Core A,B,C
Tuesday 09/26/17		9 AM CPR/FIRST AID \$40 FIT TEST \$20 Economic Development Center Vidalia Ga. 100 A Brinson Road Vidalia, Ga. 30474 Tommy Jenkins 912-538-3200 Demonstrate various techniques for control of bleeding. Demonstrate certification in basic life support for healthcare providers (including 2 person CPR) by a certified instructor from American Heart Association (65% Point)	Instructions: Fee is to be paid directly to Tommy Jenkins by check or cash on day of class.  It is the responsibility for each student to maintain a current CPR/ First Aide Card for the duration of your courses.  Must be American Heart Association Health Care Provider	Course 1-6 Core A,B,C
Wednesday 09/27/17	Chapter 14	Eye and Ear Medications Lab Skills: Instilling eye drops & ear drops	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Infection ATI Pharmacology 3.0 : Endocrine ATI Pharmacology 3.0 : Cardiovascular	Course 1-6 Core A,B,C
Thursday 09/28/17	Chapter 15	Endocrine	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Infection ATI Pharmacology 3.0 : Endocrine ATI Pharmacology 3.0 : Cardiovascular	Course 1-6 Core A,B,C
WEEK 8 Monday 10/02/17	Chapter 15  Chapter 16	Endocrine Lab Skills: Insulin Chart  Cardiovascular	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Infection ATI Pharmacology 3.0 : Endocrine ATI Pharmacology 3.0 : Cardiovascular	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Tuesday 10/03/17	Chapter 16	Cardiovascular  ALL assigned ATI Modules must be complete with printed certificate to turn in on test day or you will not be allowed to test!	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Infection ATI Pharmacology 3.0 : Endocrine ATI Pharmacology 3.0 : Cardiovascular	Course 1-6 Core A,B,C
Wednesday 10/04/17	Chapter 17	<b>Exam # 4</b> Ch. 14,15, & 16  Immunological	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Immune & Hematologic ATI Pharmacology 3.0: Respiratory ATI Pharmacology 3.0: Gastrointestinal ATI Pharmacology 3.0: Reproductive & Genitourinary	Course 1-6 Core A,B,C
Thursday 10/05/17	Chapter 17	<b>Dosage Calculation</b> <b>Exam #1</b>  Immunological	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Immune & Hematologic ATI Pharmacology 3.0: Respiratory ATI Pharmacology 3.0: Gastrointestinal ATI Pharmacology 3.0: Reproductive & Genitourinary	Course 1-6 Core A,B,C
WEEK 9 Monday 10/09/17	Chapter 18	Pulmonary	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Immune & Hematologic ATI Pharmacology 3.0: Respiratory ATI Pharmacology 3.0: Gastrointestinal ATI Pharmacology 3.0: Reproductive & Genitourinary	Course 1-6 Core A,B,C

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Tuesday 10/10/17	Chapter 19  Chapter 20	Gastrointestinal  Reproductive & Urinary	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Immune & Hematologic ATI Pharmacology 3.0: Respiratory ATI Pharmacology 3.0: Gastrointestinal ATI Pharmacology 3.0: Reproductive & Genitourinary	Course 1-6 Core A,B,C
Wednesday 10/11/17	Chapter 20  Chapter 21	Reproductive & Urinary  Herbs, Vitamins & Minerals  <b>Dosage Calculation Exam #2</b> ALL assigned ATI Modules must be complete with printed certificate to turn in on test day or you will not be allowed to test!	Read chapters and do end of chapter exercises. ATI Pharmacology 3.0 : Immune & Hematologic ATI Pharmacology 3.0: Respiratory ATI Pharmacology 3.0: Gastrointestinal ATI Pharmacology 3.0: Reproductive & Genitourinary	Course 1-6 Core A,B,C
Thursday 10/12/17		<b>Exam # 5</b> Ch. 17,18,19,20 & 21	<b>Study for Final</b>	Course 1-6 Core A,B,C
WEEK 10 Monday 10/16/17		Open Lab ATI: Pharmacology A <b>Dosage Calculation Exam #2</b>	<b>Study for Final</b>	Course 1-6 Core A,B,C
Tuesday 10/17/17		Open Lab <b>ATI: Pharmacology B</b>	<b>Study for Final</b>	Course 1-6 Core A,B,C
Wednesday 10/18/17		<b>Final Exam</b>		Course 1-6 Core A,B,C

#### Competency Areas:

Systems of Measurement

Medication Calculations

Resource Materials Usage

Fundamental Pharmacology

Client Education

Medication Administration(Simulated Clinical Environment)

#### General Core Educational Competencies

The ability to utilize standard written English.



The ability to solve practical mathematical problems.

The ability to read, analyze, and interpret information.

**\*\*Disclaimer Statements\*\***

**\*\*\*Instructor reserves the right to change the syllabus and/or lesson plan as necessary. \*\*\***

**\*\*\*The official copy of the syllabus will be given to the student during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only. \*\*\***