



**ALMA 1000 – Allied Health Math Applications  
COURSE SYLLABUS  
Spring Semester 2021  
Tentative- Subject to change**

**COURSE INFORMATION**

Credit Hours/Minutes: 0 Credit Hours/2250 Minutes:

Campus/Class Location: Vidalia Campus/ Gillis Medical Building Room 836

Class Meets: FTF 70 % (1575 minutes) Wednesday 5:30 pm to 7:30 pm; Hybrid 30% (675 minutes)

Course Reference Number (CRN): 40279

**INSTRUCTOR CONTACT INFORMATION**

Adjunct Instructor Name: Sharon Coe

Email Address: [Sharon Coe \(scoe@southeasterntech.edu\)](mailto:scoe@southeasterntech.edu)

Office Location: Gillis Medical Building, Office 934

Phone: 912-538-3293

Office Hours: Please email instructor to schedule an appointment.

Full-Time Instructor Name: Tiffany Thompson, BSN, RN

Office Location: Building 8, Office 8164 or Gillis Med. Bldg Office 934

Office Hours: Tuesday and Thursday 2:30pm to 5:00 pm

Email Address: [Tiffany Thompson \(tthompson@southeasterntech.edu\)](mailto:tthompson@southeasterntech.edu)

Phone: 912-538-3252 or 912-538-3293

Fax Number: 478-289-2249

Tutoring Hours: Please schedule an appointment during office hours.

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

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook \(http://www.southeasterntech.edu/student-affairs/catalog-handbook.php\)](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php).

**REQUIRED ETEXT – PROVIDED BY STC**

- Booth, K., & Whaley, J. (2016). *Math and Dosage Calculations for Healthcare Professionals. (5<sup>th</sup> edition)*. New York, NY: McGraw-Hill Education. ISBN 978-0-07-351380-5
- McGraw-Hill CONNECT online access

**REQUIRED SUPPLIES & SOFTWARE**

Paper, Pens/Pencils, Folder, and Computer Access

**COURSE DESCRIPTION**

ALMA 1000 prepares students in understanding the application of mathematics in their health science

program courses. The topics included are basic mathematics, medical terminology, mathematical conversions, weight and measurement applications used in health science programs. Additionally, problem-solving strategies, basic principles of medication administration, and research in health science will be incorporated into the course competencies.

### MAJOR COURSE COMPETENCIES

1. Problem Solving Strategies
2. Basic Mathematics in Health Science
3. Medical Terminology Used in Health Science Math Applications
4. Conversion Applications in Health Science
5. Weight and Measurement in Health Science
6. Basic Principles of Medication Administration
7. Research in Allied Health

### PREREQUISITE(S)

- Certificate Programs with a math component: MATH 1012 with a C or better
- Diploma Programs: MATH 1012 with a C or better
- Degree Programs: Appropriate algebra placement test score

### COURSE OUTLINE

#### Problem Solving Strategies

Order	Description	Learning Domain	Level of Learning
1	Use problem solving strategies to solve application problems (See Definition Section)	Cognitive	Application

#### Basic Mathematics in Allied Health

Order	Description	Learning Domain	Level of Learning
1	Perform operations and comparisons with fractions, decimals, and percent.	Cognitive	Application
2	Convert between and interpret the medical application of Arabic Numerals and Roman Numerals	Cognitive	Comprehension
3	Perform basic allied health applications using ratios, rates and proportions	Cognitive	Application
4	Develop mental calculations skills through drill & practice, contextualization, etc.	Cognitive	Application

#### Medical Terminology Used in Allied Health Math Applications

Order	Description	Learning Domain	Level of Learning
1	Demonstrate an understanding of medical terminology used in allied health math	Cognitive	Application
2	Interpret medical abbreviations as related to allied health math	Cognitive	Application

#### Conversion Applications in Allied Health

Order	Description	Learning Domain	Level of Learning
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Order	Description	Learning Domain	Level of Learning
1	Demonstrate an understanding of the systems of measurement and their equivalencies	Cognitive	Application
2	Convert among and between measurement systems (metric, apothecary, household/American/English) using formulas, mental calculations, proportions, dimensional analysis, and means/extremes	Cognitive	Comprehension

#### **Weight and Measurement Applications in Allied Health**

Order	Description	Learning Domain	Level of Learning
1	Interpret medical measurement devices (scales, tape measure, syringes, wound measurement devices, etc.)	Cognitive	Comprehension
2	Demonstrate weight and measurement literacy	Cognitive	Application

#### **Basic Principles of Medication Administration**

Order	Description	Learning Domain	Level of Learning
1	Interpret and translate orders for medication	Cognitive	Comprehension
2	Use ratios, rates, and proportions to perform allied health applications and mixture/concentration problems	Cognitive	Application
3	Perform basic dosage calculations.	Cognitive	Application

#### **Research in Allied Health**

Order	Description	Learning Domain	Level of Learning
1	Demonstrate an understanding of the importance of the scientific method in research	Cognitive	Application
2	Interpret statistical measures used in the allied health field	Cognitive	Comprehension

### **GENERAL EDUCATION CORE COMPETENCIES**

Southeastern Technical College 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 homework assignments, participate on lab days, and chapter exams. Hybrid Students are responsible for checking e-mails and Blackboard announcements daily. This is a hybrid class, therefore it is the student's responsibility to ensure that they have a computer, Wifi access to complete all assignments. College email is accessed at <https://portal.office.com>, under Quick Links on our webpage, or in the menu of our Blackboard course. If you cannot log into your blackboard course it is your responsibility to get this fixed. You will need to notify IT or follow the instructions listed on the MySTC web page. I cannot help you with this problem.

The eTextbook is provided by Southeastern Technical College through the McGraw-Hill online learning management system called CONNECT™. Students will be given a CONNECT code for this course after a trial period of 2 weeks is completed. Students are expected to complete all homework assignments online through

CONNECT™. Weekly assignments are listed on the attached lesson schedule and are posted on the CONNECT™ website. Homework Assignments are due on the day of the coordinating exam. For Example, Chapter 4 homework is due the day you take the exam over Chapter 4. Failure to complete homework assignments the day of the coordinating exam will result in a zero. You will have 2 attempts to complete homework assignments. Homework Grades will be recorded on the day of the exam. Homework will remain open in order for you to review and practice for your final. Chapter Exams will be completed in class. See Testing policy and Make-Up guidelines. No cell phones or pagers are allowed to be turned on in the classroom unless permitted by the instructor for institutional activities. Personal calls must be handled outside of class.

Lectures will be recorded and posted under Student Resources in your blackboard course. The instructor will review chapter information and go over additional math calculation problems. However, it is the student's responsibility to watch the online lecture material for each chapter exam.

Handouts, Worksheets and Power Points will be available under the Student Resource Tab if applicable to the chapter. We will have specified lab days and participation is mandatory on these days. Lab will consist of equipment demonstration, drug calculations, and interpreting medical measurements using equipment learned in this course. Failure to attend the specified lab days will result in 5 points deducted from your chapter exam.

### **TESTING POLICY**

Chapter exams will be completed on paper in class. **No Exam grades are dropped. A final chapter exam average of 70 or higher** is required to take the final exam. Grades will not be rounded up, example 69.9 will not be rounded to a 70. Students failing to obtain a test average of 70 or higher will not be allowed to take the final. If the student has below a 70 average, the student will receive a grade of zero for the final exam and will fail the course. It is the student's responsibility to keep up with their test average. No talking is allowed once an examination or evaluation begins. Students found with their cell phone or any other personal communication device during a test will be considered cheating and given a zero for the test. Calculators, when allowed, will be provided during testing. Students are not allowed to utilize their cell phone as a calculator during tests.

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

In the event of an **excused absence** on an exam day, the student will be allowed to make-up **one** exam (excluding the final 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. Failure to show up for a make-up exam results in a grade of zero.

An excused absence is jury duty, military duty, court duty, or required job training. Other excused absences may also include illness, hospitalization or a death in the student's immediate family. Official, written documentation such as a subpoena or a doctor's excuse must be provided by the student prior to taking the make-up exam. The instructor reserves the right to refuse for the student to take the make-up exam based on the merit of the documentation.

Any exceptions to the makeup guidelines for this class will require instructor approval and would only be allowed for exceptional circumstances.

### **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.

<b>COVID-19 Key Symptoms</b>
Fever or felt feverish
Cough: new or worsening, not attributed to another health condition
Shortness of breath, not attributed to another health condition
New loss of taste or smell
Chills; Repeated shaking with chills
Sore throat, not attributed to another health condition
Muscle pain, not attributed to another health condition or exercise
Headache, not attributed to another health condition
Diarrhea (unless due to known cause)
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, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using the [COVID 19 Health Reporting Form](#). Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](#), Exposure Control Coordinator, [swaters@southeasterntech.edu](mailto:swaters@southeasterntech.edu), 912-538-3195.

### **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 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.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. The completion dates of these activities will be used to determine a student’s last date of attendance in the event a student withdraws, stops attending, or receives an “F” in a course.

### **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: [Macy Gay mgay@southeasterntech.edu](mailto:mgay@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 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: [Macy Gay mgay@southeasterntech.edu](mailto:mgay@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.

### **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.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of "F" (Failing 0-59) being assigned.

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.

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

### **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**

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:

<b>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</b>	<b>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</b>
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:Helen.Thomas@southeasterntech.edu">Helen Thomas</a> <a href="mailto:hthomas@southeasterntech.edu">hthomas@southeasterntech.edu</a>	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 138B Phone: 912-538-3230 Email: <a href="mailto:Lanie.Jonas@southeasterntech.edu">Lanie Jonas</a> <a href="mailto:ljonas@southeasterntech.edu">ljonas@southeasterntech.edu</a>

### 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
Chapter Test Average	55%
Homework Assignments	25%
Final Exam (ALMA 1000 Post-Test)	20%

### GRADING SCALE

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



## Spring Semester Lesson Plan

SUBJECT TO CHANGE AT INSTRUCTOR'S DISCRETION

Date/Week	Chapter/ Lesson	Content	Assignments and Tests Due Dates	Competency Area
Week 1 1-13-21	Chapter 4 and 5	<p><b>By 12pm Monday, January 18th</b> students are required to do the following:</p> <ol style="list-style-type: none"> <li>Go to "Getting Started" on the left side of the course page. Complete the "Pledge Acknowledgment Requirement" If this is not done on time you will be "No Showed" and dropped from the course.</li> </ol> <p>Chapter 4: Metric System and Rounding Review</p> <p>Handout: Conversions (HW Quiz scheduled 1-19-21)</p>	<p><b>*By 12pm Monday, January 18<sup>th</sup></b> students are required to do the following:</p> <p>Go to "Getting Started" on the left side of the course page. Complete the "Pledge Acknowledgment Requirement". If this is not done on time you will be "No Showed" and dropped from the course.</p> <p>→Online Lecture available for Ch. 4 &amp; 5</p> <p>→ Print Conversion Sheet from Student Resource Tab</p> <p>→Read and study applicable chapters. Power Point available under Student Resources</p> <p>→Study for <b>Homework Quiz over Conversions</b> In Class.</p>	1 a-c
Week 2 1-20-21	Ch. 4 Exam then Ch. 5	<p>Ch. 4 : Metric System Ch. 5 : Other Systems of Measurement</p> <p><b>HW QUIZ:</b> Ch. 4 &amp; 5 Conversions</p> <p>We will not cover grains or drams in Ch. 5</p>	<p>→Watch the Lecture over Chapters if applicable</p> <p>→Power Point Available under Student Resources</p> <p>→ Read and study applicable chapters.</p> <p>→ Complete Ch. 4 HW and CH. 5 HW and study for Ch. 4 &amp; 5 Exam</p>	1; 4; 5 A-C
Week 3 1-27-21	Ch. 5 Exam Then Ch. 6 & 7	<p><b>Ch. 4 &amp; 5 EXAM</b></p> <p>Review Exam</p> <p>Start Chapter 6: Converting Units &amp; Chapter 7: Temperature and Time</p> <p>We will not cover temperature in this chapter.</p>	<p>→ Watch the Lecture over Chapters 6 &amp; 7</p> <p>→ Print Worksheets if applicable</p> <p>→ Read and study applicable chapters. Power Point available under Student resources</p> <p>→ Complete Homework over Ch. 6 &amp; 7 and study for Chapter 6 &amp; 7 Exam.</p>	1; 4; 5 A-C

Date/Week	Chapter/ Lesson	Content	Assignments and Tests Due Dates	Competency Area
Week 4 2-3-21	Chapter 6 & 7 Exam Then Ch. 8	<b>Ch. Exam 6: Converting Units &amp; Ch. Exam7: Temperature and Time</b>  Review Exam  Start Chapter 8: Equipment for Dosage Measurement/Lab	→ Watch the Lecture over Chapters 8. → Print Worksheets if applicable → Read and study applicable chapters. Power Point available under Student Resources → Complete Homework over Ch. 8 and study for Ch. 8 Exam.	1; 2; 4; 5; 6 A-C
Week 5 2-10-21	Chapter 8	<b>Chapter 8 Exam: Equipment for Dosage Measurement</b>  Review Exam  Start Ch. 9: Interpreting Medication Orders	→ Watch the Lecture over Chapters 9. → Print worksheets if applicable → Read and study applicable chapters. Power Point available under Student Resources → Complete Homework over Ch. 9 and study for Ch. 9 Exam.	1; 5 A-C
Week 6 2-17-21	Ch. 8 then Ch. 9	<b>Ch. 9 Exam: Interpreting Medication Orders</b>  Review Exam  Start Ch. 10: Interpreting Medication Labels and Package Inserts	→ Watch the Lecture over Chapters 10. → Print worksheets if applicable → Read and study applicable chapters. Power Point available under Student Resources → Complete Homework over Ch. 10 and study for Ch. 10 Exam.	1; 5 A-C
Week 7 2-24-21	Ch. 9 Exam Then Ch. 10	<b>Ch. 10 Exam: Interpreting Medication Labels and Package Inserts</b>  Review Exam  Start Ch. 12: Methods of Dosage Calculations	→ Watch the Lecture over Chapter 12 → Print worksheets if applicable → Read and study applicable chapters. Power Point available under Student Resources → Complete Homework over Ch. 12 and study for Ch. 12 Exam.	1; 4; 5; 6 A-C

Date/Week	Chapter/ Lesson	Content	Assignments and Tests Due Dates	Competency Area
Week 8 3-3-21	Ch. 10 Exam Then Ch. 12	Ch. 12 Review and Lab Day	<ul style="list-style-type: none"> <li>→ Lab Day over Previous Chapters</li> <li>→ Watch the lecture over Chapter 12</li> <li>→ Print worksheets if applicable</li> <li>→ Read and study applicable chapters. Power point available under Student Resources.</li> <li>→ Complete HW over Ch. 12 and study for Ch. 12 Exam. Lab day 10-14-20</li> </ul>	1;3; 4; 5; 6 A-C
Week 9 3-10-21	Ch. 12	<p><b>Ch. 12 Exam: Methods of Dosage Calculations</b></p> <p>Review Exam</p> <p>Start Ch. 13: Oral Dosages</p>	<ul style="list-style-type: none"> <li>→ Watch the lecture over Chapter 13</li> <li>→ Print worksheets if applicable</li> <li>→ Ready and study applicable chapters. Power point available under Student Resources.</li> <li>→ Complete HW over Ch. 13 and study for Ch. 13 Exam.</li> </ul>	1; 3; 4; 5; 6 A-C
Week 10 3-17-21	Ch. 12 Exam Then Ch. 13  65% Mark 3-22-21	<p><b>Ch. 13 Exam: Oral Dosages</b></p> <p>Review Exam</p> <p>Start Ch. 14: Parenteral Dosages and Safe Dosage Ranges</p>	<ul style="list-style-type: none"> <li>→ Watch the lecture over Chapter 14 and Safe Dosage Ranges</li> <li>→ Print worksheets if applicable</li> <li>→ Read and study applicable chapters. Power Point available under Student Resources.</li> <li>→ Complete Ch. 14 HW and study for Ch. 14 Exam</li> </ul>	1; 3; 4; 5; 6 A-C
Week 11 3-24-21	Ch. 13 Exam then Ch. 14	<p><b>Ch. 14 Exam: Parenteral Dosages and Safe Dosage Ranges</b></p> <p>Review Exam</p> <p>Start IV Calculations</p>	<ul style="list-style-type: none"> <li>→ Watch the Lecture over IV Calculations</li> <li>→ Print worksheets if applicable</li> <li>→ Read and study applicable chapters. Power Point available under Student Resources</li> <li>→ Complete Homework over IV Calculation HW and study for IV Calculation Exam</li> </ul>	1; 3; 4; 5; 6 A-C

Date/Week	Chapter/ Lesson	Content	Assignments and Tests Due Dates	Competency Area
Week 12 3-31-21	Ch. 14 Exam Then	IV Calculations	→ Watch the Lecture over IV Calculations → Print IV worksheets if applicable → Read and study applicable chapters. Power Point available under Student Resources → Complete Homework over IV Calculations (Calc.) and study for IV Calc. Exam	1; 3; 4; 5; 6 A-C
4-7-21	IV Lecture	IV Calculations and Safe Dosage Range Review	→ Watch Lecture over IV Calculations and complete Homework over IV Calculations	1; 3; 4; 5; 6 A-C
Week 13 4-14-21	IV Calc.  Ch. 15	IV Calculations Review and Lab	→ Watch the Lecture over IV Calculations → Print IV Calculation worksheets from Student Resource Tab → Read and study applicable chapters. Power Point available under Student Resources → Complete Homework over IV Calc. and study for IV Calc. Exam	1; 3; 4; 5; 6 A-C
Week 14 4-21-21	IV Calc Exam	<b>IV Calculations Exam</b>  Review for Final Exam  Make-Up Exam Day	→ Study past worksheets and HW for your Final Exam → Final Exam is scheduled for Wednesday, Dec. 2 <sup>nd</sup> . → Make-Up Exams Due Today.	1; 3; 4; 5; 6 A-C
Week 15 4-28-21	Final Exam	<b>Final Exam:</b> Ch. 1-14 and IV Calculations		1-7 A-C

**COMPETENCY AREAS: (WILL VARY FOR EACH COURSE/TAKEN FROM STATE STANDARDS)**

1. Problem Solving Strategies
2. Basic Mathematics in Health Science
3. Medical Terminology Used in Health Science Math Applications
4. Conversion Applications in Health Science
5. Weight and Measurement in Health Science
6. Basic Principles of Medication Administration
7. Research in Health Sciences

**GENERAL CORE EDUCATIONAL COMPETENCIES:**

- A. The ability to utilize standard written English.
- B. The ability to solve practical mathematical problems.
- C. The ability to read, analyze, and interpret information.