SOUTH PLAINS COLLEGE
COURSE POLICIES AND PROCEDURES
MATH 0311.001
FUNDAMENTALS OF ARITHMETIC FOR NURSES

PURPOSE OF THE COURSE: The acquisition in precise form of those ideas or concepts in terms of which the quantitative thinking of the world is done. Correct use of whole numbers, fractions, decimals, percentages, measurements, and short methods for rapid calculations will be presented. This course is for Associate Degree in Nursing and Diploma Program nursing students only and is required if testing indicates a need. The course will provide a mathematical background for the nursing student and instruct in the application of mathematics to pharmacology problems.

TEXTBOOK: ASSIGNMENT BOOK

INSTRUCTOR: Alma Lopez   OFFICE: M116d   PHONE: 806-716-2640
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ATTENDANCE: If you are in this class to meet TSI requirements and are not in another remedial course, if you are drop this course, you will be dropped from all classes. **If you miss 2 consecutive weeks of class or a total of 5 classes, you will be dropped from this class with a grade of X or F, at the instructors discretion.**
GRADING: Your final grade will be determined by:
          (Test 1 + Test 2 + Test 3 + Test 4 + Quiz Ave) ÷ 5

Average	Grade in Course
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

DROPPING A COURSE: If you decide to drop this course, please follow the instructions below:
1. Get an official drop slip form from the registrar's office and have it signed by your instructor or advisor.
2. Return the completed form to the registrar's office. If it is returned by Mar. 9, you will receive a W. Consult your advisor to make sure you are in TSI compliance and with the nursing department if you are required to take this course.
EXAMINATIONS: There will be 4 major exams. If you miss an exam, you must contact me the day of the exam and make arrangements to take a makeup within one week. Short quizzes will be given as scheduled.
          THERE WILL BE NO MAKEUPS FOR ANY QUIZ.
 *During exams the use of or possession of smartphones, smart watches, water bottles or any bottled drinks, and bathroom breaks are not allowed. Any infraction will be penalized with a zero on the days assignment and can result in removal from the class.
CD: You may purchase a CD of all the videos in the lab for $1 from the instructor.
VIDEO TAPES: Video tapes for many topics in this course are available in the Math Department AV Lab, Room 116. You are encouraged to use these tapes. The tapes can be viewed in the lab or may be checked out.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disabilities Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance to federal law, a student requesting accommodations must provide acceptable documentation of his/her disability. For more information, call or visit the Disability Services Office in the Student Services Building, 806-716-2577.

Monday	Tuesday	Wednesday	Thursday	Friday
Aug 29 Roman Numerals, Fractions, p. 2 - 5		Aug 31 **QUIZ** Fractions, Decimals, Percents, p. 6 - 8 Ratio and Proportions,p.9		
Sept 5 **Labor Day Holiday**		Sept 7 **QUIZ** Proportion Applications, p. 11 REVIEW p. 12 - 14		
Sept 12 **TEST I**		Sept 14 Metric and Apothecary, p. 15, 17		
Sept 19 **QUIZ** Household p. 19 Temperatures p. 20		Sept 21 **QUIZ** Ratio and Percent Strength, p. 21 Review p. 22		
Sept 26 **TEST II**		Sept 28 Tablets, p. 24 - 26		
Oct 3 **QUIZ** Oral and Parenteral, p. 28 - 31		Oct 5 **QUIZ** IV, p. 34 – 36 Review p. 27 – 38		
Oct 10 **TEST III**		Oct 12 Solutions, p. 40 - 43		
Oct 17 **QUIZ** Pediatrics, p. 45 – 46 Review, p. 47 - 50		Oct 19 **TEST IV**		

COURSE OUTCOMES: Upon completion of the course, the student will:
1. Be able to solve arithmetic problems involving fractions, decimal, and percents
2. Be able to solve proportion problems.
3. Be able to convert measures within the Apothecary and Metric system.
4. Be able to convert units from the Apothecary to the Metric system and vice versa.
5. Be able to convert from Fahrenheit to the Celsius scale and vice versa.
6. Be able to solve dosage problems involving tablet, oral, parenteral, IV, and pediatric dosages.
7. Be able to solve solution problems.