

Math 0120 Math for Vocational Nurses

Course: Math 0120.001 MW1-2:15 M112

Purpose: to provide a review of fundamental operations in mathematics for the study of the metric, apothecary, and household system of measurement. This course is for vocational nursing students only.

Equal Opportunity: 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 change, 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 Disabilities 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.

Instructor: Alma F. Lopez

Telephone Number: (806) 716-2640

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Required Materials: South Plains College Assignment Book and a four function calculator. Students who do not present a four function calculator will do the quizzes and tests by hand calculations only. No other calculators are allowed.

Attendance Policy: Class attendance is mandatory in accordance with nursing department standards. Roll will be checked and absences will be reported to the nursing department.

Grading Policy: Your final grade will be calculated as follows:

$(\text{Exam 1} + \text{Exam 2} + \text{Exam 3} + \text{Quiz Average} + \text{Final Exam}) / 5$

A (90-100) B(80-89) C(70-79) D(60-69) F(0-59)

*During exams and quizzes the use or possession of smartphones, smart watches, water bottles or any labeled bottled drinks, and bathroom breaks are not allowed. Any infraction will be penalized with a minimum 15 point deduction on exam and can result in the removal of the student from the course.

Exams and quizzes: There will be three major exams and a comprehensive final exam. **NO MAKEUP EXAMS WILL BE GIVEN.** If the final exam grade is higher than the lowest major exam grade, the lowest major exam grade will be dropped and the final exam grade counted twice. Quizzes will be given at regularly scheduled intervals (see calendar) and will cover homework assignments. **NO MAKE UP QUIZZES WILL BE GIVEN.** Up to three of the lowest quiz grades will be dropped. Homework will be assigned at each class meeting and is listed on the calendar. If you are absent, it is your personal responsibility to get the assignment and be prepared for the next class period. You will be required to take quizzes even if you were absent the class session before. No whining. Please do all work in pencil.

Responsibilities:

1. Attend class everyday and be aware of any change in calendar.
2. Do your homework each day and in time to seek help if needed.
3. Stay caught up.
4. Work extra problems as needed to understand each topic.
5. Bring your own four function calculator to class each day.

Math 0120.001

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Semester: Spring 2017

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| Monday | Wednesday | Friday |
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| <i>January 16</i> Martin Luther King Holiday | <i>January 18</i> Introduction and Roman Numerals pp. 3-5 | <i>January 20</i> |
| <i>January 23</i> Quiz 1 , Fractions, Mixed Numbers and Ratios pp. 6-8 Add and Sub Fractions pp. 9-11 | <i>January 25</i> Quiz 2 , Multiply and Divide Fractions pp. 12-13 Reducing Ratios pp. 14 | <i>January 27</i> |
| <i>January 30</i> Quiz 3 , Decimals → Fractions pp. 15-16 Repeating Decimals pp. 16 | <i>February 1</i> Quiz 4 , Review pp. 21-23 | <i>February 3</i> |
| <i>February 6</i> Test 1 | <i>February 8</i> Decimal Operations pp.17-20 | <i>February 10</i> |
| <i>February 1</i> Fraction ↔ Decimal ↔ % (2) pp. 24-27 | <i>February 15</i> Quiz 5 , Percent Problems pp. 28-30 Ratio and Proportion pp. 31,33,34 | <i>February 17</i> |
| <i>February 20</i> Quiz 6 Proportion Applications pp. 32,35 | <i>February 22</i> Quiz 7 , Review pp.36-38 | <i>February 24</i> |
| <i>February 27</i> Test 2 | <i>March 1</i> Metric System pp.39-41 Memorize units for next time p 42 | <i>March 3</i> |
| <i>March 6</i> Quiz 8 , Metric ↔ Apothecary pp. 43-45 | <i>March 8</i> Units Quiz and Quiz 9 | <i>March 10</i> |
| <i>March 20</i> Temperature Conversions pp. 49- 50 and Review pp. 52-53 | <i>March 22</i> Test 3 | <i>March 24</i> |
| <i>March 27</i> Final Exam 8:00 – 10:00 am | | |