



MONROE COUNTY
COMMUNITY COLLEGE

Course Outcome Summary

Standard Course

Math 125 Mathematics for Allied Health

Course Information

Division	Science/Mathematics
Contact Hours	45
Total Credits	3

Prerequisites RDG 090 and ENGL 090 and Math 090 or qualifying scores on accepted placement tests

Course Description

This course covers practical application of addition, subtraction, multiplication, division, decimals, fractions, conversion of units, ratio and proportion problems, estimation (including reasonableness of numerical result), precision, accuracy, variation, measurement systems, conversion methods, review of the Roman numeral system, use of algebraic formulas and solving algebraic word problems as related to the medical profession. The purpose of this course is to give the student competency in the mathematics used in the medical profession. Calculator use will not be permitted in this course.

Course Outcomes

In order to evidence success in this course, students will be able to:

1. Identify household units.
2. Identify metric units.
3. Identify apothecary units.
4. Identify military time.
5. Identify formulas pertinent to the allied health field.
6. Demonstrate the ability to perform basic operations with whole numbers, decimals, and fractions.
7. Solve ratio/proportion problems.
8. Convert within commonly used measurement systems.
9. Solve basic algebra problems.
10. Solve application problems pertinent to Allied Health.
11. Reasonably estimate numerical solutions.

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