



Wayne County Community College District

COURSE SYLLABUS

ALH 105 Medical Math

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

Mathematical concepts for the health profession. Application of mathematical principles relative to computations/calculations in the health professions.

PREREQUISITES:

MAT 100

EXPECTED COMPETENCIES:

Upon completion of this course, the student will be familiar with:

1. Calculate, compute, manipulate and solve fractions
2. Calculate, compute, convert, and manipulate decimals and percentages Identify and solve proportions
3. Identify and state the relationships between the apothecary, metric, and household systems of measure
4. Convert from one metric measure to another
5. Calculate and interpret medication strengths
6. Calculate drug infusion rates

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

90%-100% = A
80%-89.9%= B
70%-79.9%= C
60%-69.9%= D
<60% = E