LAKEHEAD UNIVERSITY

Math 1135 FA

Mathematics for Nursing I

Instructor: Lita Boudreau   **Email:** boudreau@confederationc.on.ca

TEXT: Basic College Mathematics – An Applied Approach, Aufmann/Barker/Lockwood
Ninth Edition

Subject Description:

This subject is designed to provide students with the principals of mathematics, both mechanics and applications in relation to whole numbers, common fractions, decimal fractions, ratio and proportion, percent and measurements in both the English and Metric systems. The students will learn how to correctly use a calculator for the mechanics and apply the skill to solving problems in the health field.

TOPICS:

Numerical:

    a)Á   Whole Numbers
    b)Á   Common Fractions
    c)Á   Decimals

Ratio and Proportion & Percent:

    a)Á   Ratio and Proportion
    b)Á   Introduction to Percent
    c)Á   Calculations
    d)Á   Applications + Dosage Calculations
    e)Á   Conversions

Measurements:

    a)Á   English System (Mechanics and Applications)
    b)Á   Metric System (Mechanics and Applications)
    c)ÁÁÁÁÁÁÁÁÁ√/^{] ^¦æ˘¦^

Evaluation:

    a)Á   Test #1 Numerical   20%
    b)Á   Test #2 Ratio & Proportion & Percent   20%
    c)Á   Test #3 Measurement   20%
    d)Á   Final Exams (Covers entire course)   40%

                                                            100%