

LAKEHEAD UNIVERSITY

Math 1135 FA

Mathematics for Nursing I

Instructor: Lita Boudreau

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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 apply the skills to solving problems in the health field.

TOPICS:

Numerical:

- a) Whole Numbers
- b) Decimals

Fractions, Ratio and Proportion:

- a) Fractions
- b) Ratio and Proportion

Percent and Measurement:

- a) Percent
- b) Dosage calculations
- c) English System (Mechanics and Applications)
- d) Metric System (Mechanics and Applications)
- e) Temperature

Evaluation:

a) Test #1	Numerical	20%
b) Test #2	Fractions, Ratio & Proportion	20%
c) Test #3	Percent & Measurement	20%
d) Final Exams	(Covers entire course)	<u>40%</u>
		100%