
SECTION HEADING

MDLT 1110: Laboratory Math Calculations

Description

Laboratory Math Calculations course begins with a review of basic math, algebra and the metric system. The student will then learn basic math as it applies to the laboratory sciences.

Credits

2

Prerequisite

None

Corequisite

None

Topics to be Covered

1. Basic math, fractions, percentages, proportions, ratios and fundamental algebra
2. Scientific notation
3. Temperature conversion
4. Metric system
5. Quality control calculations and interpretation

Learning Outcomes

1. Analyze, solve, and compute basic laboratory mathematics, basic algebra, and metrics.
2. Analyze graphs as they relate to quality control and Levey Jenning's QC rules.
3. Demonstrate the skill to calculate and perform dilutions in the laboratory.

Credit Details

Lecture: 2

Lab: 0

OJT: 0

MnTC Goal Area(s): None