

# Pharmacology/ Dosage Calculations



**Prerequisite:** Biology AND Chemistry AND any intermediate level HS course

**Course:** 1413CT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 11-12

## Course Description

The objective of the class will be to introduce the general principles and practical application of pharmacology to future health professionals. This course is designed to strengthen the mathematical abilities of students so that they can be successful in the medical industry. This class should be used as an alternative for students who do not wish to obtain a pharmacy technician certification.

## Student Activities

The course content will provide students with an overview of drug classifications, drug actions, routes of administration, therapeutic uses, and adverse effects. Students will demonstrate mathematical knowledge and skills required to calculate medical dosages. Students will be evaluated through examinations and hands-on activities.

## Advancement

This course is a prerequisite for all upper level Health Science Technology courses. Advancement in HSTE will be determined by the students' class participation, grade, conduct, attendance, attitude, safety, and teacher recommendation.

## Organizations/After School/Competitions

Mansfield Medical Club

