

# MATH 101 : Mathematics for Veterinary Assistants & Technicians

An introduction to clinical calculations used in veterinary medicine. Topics include the application of mathematical skills to solve applied problems in veterinary nursing and pharmaceutical dispensing with emphasis on dosage, concentration, dilution and drip rates. Also included is mathematical and laboratory terminology. This course is intended for students entering veterinary technology, veterinary assisting or other animal-related fields.

**Credits** 3

**Lecture Hours** 3

**Designation**

FQ

**Prerequisites**

Grade of C or better in MATH 25, 26, 28, 29, 75X or higher or equivalent, satisfactory math placement test score.

**Course Outcomes**

- Identify information needed for dosage calculations and perform dosage calculations.
- Utilize appropriate techniques to solve applied problems in the veterinary profession.
- Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.
- Demonstrate proficiency in calculating infusion rates for fluid therapy.