

VETT-114-PHARMACOLOGY & MEDICAL THERAPEUTICS 2 CREDITS

SYLLABUS

CATALOG DESCRIPTION

An introductory level course designed to provide students basic background knowledge, understanding, and skills in veterinary pharmaceuticals. Course topics include: filling prescriptions, basics of veterinary pharmacology and physiology, handling, storing, and documenting controlled substances, vaccinology, routes and methods of drug administration including pertinent anatomy, classes of drugs, and basic characteristics of common veterinary pharmaceuticals. Subsequent levels of pharmacology within the program (VETT 133 and 213) will build upon and expand upon topics presented here and include reinforcement of physiologic principles as they apply to pharmacokinetics.

Prerequisites: None

Semester Offered: All

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Understand and apply knowledge of veterinary pharmaceutical classes introduced in this course.
2. Properly prepare and dispense veterinary prescriptions.
3. Perform basic pharmaceutical calculations and properly calculate dosage problems.