SAN JUAN COLLEGE
Success Matters

VETT 136-VET CLINICAL PATHOLOGY II 2 CREDITS

SYLLABUS

CATALOG DESCRIPTION

Veterinary Clinical Pathology II is an intermediate course designed to build upon and review the material covered in Veterinary Clinical Pathology I. New subjects of study include reproductive and related procedures, parasite life cycles, anatomical and physiological principles of mammalian species, and more advanced cytological and hematological procedures. This course will act as a foundation of learning for subsequent courses in Clinical Pathology.

Prerequisites: Student must have clinical site and preceptor approved. Faculty permission required

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. Identify internal and external parasites and utilize knowledge of their life cycles to prevent, diagnose, and prevent parasitic diseases.
2. Perform Complete Blood Counts, with special attention to differentials and identification of red and white blood cells.
3. Apply knowledge of blood borne and parasitic diseases to prevent the spread of zoonotic diseases.
4. Apply knowledge in coagulation testing and explain the coagulation cascade.
5. Apply knowledge in performing cross-matching for patient's blood.