



## **VETT-135-VET DIAGNOSTIC IMAGING II 2 CREDITS**

### **SYLLABUS**

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#### **CATALOG DESCRIPTION**

An intermediate course designed to build upon and review the material covered in Veterinary Diagnostic Imaging 1. New subjects of study include an introduction to general anatomy as it applies to imaging and patient positioning techniques required for production of diagnostic images. This course will act as a foundation of learning for subsequent courses in Veterinary Diagnostic Imaging.

**Prerequisites:** Completion of VETT 116 Veterinary Diagnostic Imaging 1, General Education requirements for entrance into Tier 2, and VTDLP approval of an OCCI site for completion of clinical tasks.

**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 have a working knowledge of the following content areas:

1. Apply radiology safety measures, use of radiographic technique charts, perform proper care and maintenance of radiographic equipment.
2. Adhere to recommended radiation safety measures.
3. Properly position small animal patients for radiological procedures of various body regions.
4. Identify primary skeletal structures and soft tissue organs in common small animal species.