

## VETT-215-VET DIAGNOSTIC IMAGING III 2 CREDITS

### SYLLABUS

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#### CATALOG DESCRIPTION

An advanced course designed to build upon and review the material covered in Veterinary Diagnostic Imaging 1 and 2. Emphasis will be placed on developing advanced safety techniques, proper use of contrast media, advanced mammalian anatomy, advanced radiographic procedures, dental radiography, and advanced veterinary diagnostic ultrasound techniques. Advanced skills in veterinary diagnostic imaging will be developed through intense clinical assignments that will build upon previously learned material from other courses.

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. Perform basic radiographing imaging on clinical patients.
2. Utilize an understanding of veterinary anatomy and physiology with clinical patients.
3. Perform complete physical examination on patients.
4. Utilize and apply the student's knowledge of anatomy in radiographing animals.

### **Specific Learning Outcomes**

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

1. Safely and effectively produce diagnostic radiographic images.
2. Implement and observe recommended radiation safety measures.
3. Implement radiographic quality control measures.
4. Develop and properly utilize radiographic technique charts.