



VETT 330L Diagnostic Imaging for Veterinary Technicians lab

CR 81161

COURSE SYLLABUS: Fall 2026

INSTRUCTOR INFORMATION

Instructor: **Mrs. Catrina Soto, MS., BAS., LVT**

Office Location: **VBMT 100**

Office Hours: **by appointment only**

Office Phone: **903-886-5203**

University Email Address: **catrina.soto@etamu.edu**

Preferred Form of Communication: **email**

Communication Response Time: **24-48 hours M-F, 48 hours Friday 5:00pm- Sunday**

COURSE INFORMATION

Textbook(s)

- **Required:**

- Diagnostic Imaging for Veterinary Technicians 2nd edition
 - By Margi Sirois & Joshua M. Schlote
 - Publisher: Blue Door Publishing
 - ISBN: 978-1-64386-518-8
 - Digital: 978-1-77494-284-0
- Essential Clinical Procedures for Veterinary Technicians 1st edition
 - By Kristin Loy
 - Publisher: Blue Door
 - ISBN 978-1-68135-748-5

- **Required Online CE Platform:**

- Vet Girl Student Subscription
- DVM 360 Flex Free Subscription
- Antech CE account

- **Recommended**

- Imaging Anatomy-online access
- https://vetmed.illinois.edu/imaging_anatomy/index.html

- **Software Required:** Any Internet vehicle including Google Chrome, Firefox, etc that follows that below supported browsers. Also, lecture materials, supplemental worksheets, videos, and slides will be available on D2L which will need to be opened using Adobe PDF, Microsoft Word, and Microsoft Power Point.

The syllabus/schedule are subject to change.

- **Optional Texts and/or Materials:** There will be links to images, videos, and other supplemental materials.

Course Description

VETT 330L Imaging for Veterinary Technicians

Presentation of theory and principles and practical application of radiology within the field of veterinary medicine. The student will implement and follow recommended safety procedures; prepare and use technique charts; take and process diagnostic radiographs using stationary and portable X-ray machines; properly care for radiographic equipment; and label, file, and store radiographs

Student Learning Outcomes

1. Students will demonstrate the ability to follow radiation safety procedures.
2. Students will effectively be able to obtain diagnostic radiographs using stationary X-ray machines.
3. Students will be able to prepare and use technique charts.
4. Students will be able to evaluate and maintain all radiographic equipment including PPE, imaging plates/receptors, positioning devices, and DICOM system
5. Students will be able to identify, use, and maintain other diagnostic imaging modalities such as ultrasound and endoscopy equipment.
6. Students will learn their roles as veterinary technicians, team members, and client education in a laboratory, clinical, and diagnostic setting.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the learning management system, using Microsoft Word and PowerPoint, using presentation and graphics programs, etc.

Instructional Methods

This course will be using the d2L learning platform. D2L is how lectures content, assignments, discussions and quizzes/tests will be delivered. This course is face to face interaction due to the level of task/skills required by the AVMA.

Student Responsibilities or Tips for Success in the Course

Regularly logging into the course website, approximately 2 hours of weekly study and 2 hours of participation time expected. These anticipated times are an estimation and may require more or less.

- The student is responsible for being familiar with all material presented in lectures, readings, learning activities, and quizzes.
- The student is expected to participate in all course activities and complete all examinations and course assignments on time.
- Any changes in the course schedule, such as examination dates, deadlines, etc., will be announced ahead of time on the d2L website.
- It is the student's responsibility to be informed of these changes The syllabus/schedule are subject to change. It is the students responsibility to be informed about deadlines concerning registration (e.g., last day for withdrawal).

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- Communication: The instructor will communicate with students through email, appointment, and/or D2L.

GRADING

The final grade in the course will be based on your accumulated total points during the semester according to the following distribution:

A = 900 - 1000 Points

B = 800 - 899 Points

C = 700 - 799 Points

D = 600 - 699 Points

F = 599 & below

Course grades come from:

5 Study Guides @ 50 points each	250 points
5 Lab assignments	100 points
Lab Practicum Midterm	150 points
Lab Practicum Final	200 points
CE Assignments**	50 points
1 AVMA skill list	50 points
Trajecsys Final	Pass/Fail
Participation/Professionalism	50 points
Attendance	50 points
Animal Care Duty**	100 points
TOTAL	1000

** Distributed points may change

1. Attendance

- You are expected to come to class every meeting.
- Excessive absences will result in a deduction of overall course points.
- Excused absences must be discussed with the professor within 48 hours of a missed class, preferably before.
- Tardiness will not be tolerated. You are required to be on time and ready for lecture/live labs.
 - Excessive tardiness will result in point deductions after 10 minutes past the start of class.
 - First warning: verbal
 - Second warning: 5 points
 - Third warning: 10 points
 - Continued tardiness: 10 points each scheduled class time

2. Assignments/ Worksheets

The syllabus/schedule are subject to change.

- Late submissions: Submissions will be due at a specified date and time. Any time after the due date, the homework is considered late and will receive an automatic 15% reduction in the final score and a 5% reduction each day beyond the due date.

Assessments



As part of an accredited program, we are to track the students' progress in the listed skills and knowledge required by AVMA. The VBMT program students are required to register with the skills tracking program Trajecsys at the full cost based on the coordinators payment plan due to the students graduation date. This is a one-time registration fee for the duration of the student's participation of the VBMT program up to graduation.

The instructor will register the student but the student is financially responsible. Payment can be completed directly through Trajecsys. If the student purchases the subscription via bookstore, the cost will differ.

Lab Exams will consist of a midterm and final, both with written and practical portions. The final will be comprehensive/cumulative and will be given on:

Time/Date: TBA

Location: VBMT Facility

Lecture exams, unit and final, will include T/F, matching, multiple choice, multiple answer, identification, and short answer. These are to be completed and submitted online by the due date. The exams are timed and you will have only one attempt. **No textbooks or notes should be used during exams.**

Assignments

Lecture and Lab will have assignments that are to be completed and submitted by the specified due date. The assignments will be related to material, enforcing the content being presented at the time.

Skill List/Trajecsys

This lab contains an AVMA required task/skill list that must be completed and submitted along with completed the required Essential Skills listed in Trajecys to pass the course. If it is not submitted or completed, you will not pass regardless of your overall point accumulation in the course. All skills listed will be part of the weekly lab material.

TECHNOLOGY REQUIREMENTS

Minimal Technical Skills Needed

Students will need reliable computer and internet access for this course. Students must be able to effectively use myLeo email, myLeo Online D2L, and Microsoft Office.

Learning Management System (LMS) – D2L

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are the technical requirements:

The syllabus/schedule are subject to change.

- View the [Learning Management System Requirements Webpage](#).
- Learn more on the [LMS Browser Support Webpage](#).

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found on the [Brightspace Support Webpage](#).

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LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

Interaction with Instructor Statement

If you have any questions or are having difficulties with the course material, please contact your instructor. Correspondence will always be through university email (your “myLeo” mail) and announcements in myLeo online (D2L). You will not RECEIVE email through D2L, so be sure to check your ETAMU email for communication. Students are encouraged to check university email daily.

Include the Following in Emails with the instructor:

- Course name and subject in the subject line
 - Salutation (Good afternoon, Dr. Jackson)
 - Proper email etiquette (no “text” emails – use proper grammar and punctuation)
 - Student name and CWID after the body of the email (possibly add to student signature on email)
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STUDENT RESPONSIBILITIES FOR COURSE

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CWID and Password

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Technology-Related Issues

Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a ETAMU campus open computer lab, etc.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

University Specific Procedures

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The [Code of Student Conduct](#) is described in detail online in the [Student Guidebook](#).

Students should also consult the [Rules of Netiquette Webpage](#) for more information regarding how to interact with students in an online forum.

ETAMU Attendance

For more information about the attendance policy, please view the [Attendance Webpage](#) and the [Class Attendance Policy](#)

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty University Procedure 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

[Graduate Student Academic Dishonesty University Procedure 13.99.99.R0.10](#)

[Graduate Student Academic Dishonesty Form](#)

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Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

East Texas A&M University
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@etamu.edu
Website: [Office of Student Disability Services](#)

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information, or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and ETAMU Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M University campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

East Texas A&M Supports Students' Mental Health – Counseling Services

The Counseling Center at East Texas A&M University, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Mental Health and Well-Being

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



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Accrediting Agency Statement:

The AVMA Committee on Veterinary Technician Education and Activities® (AVMA CVTEA®) accredits veterinary technology programs to ensure the quality of the educational experience and the assessment of student knowledge and skills.

Charge/Objective

- To recognize quality veterinary technology educational programs that are capable of graduating entry-level veterinary technicians and to assist in the development and improvement of such programs
- To study all matters pertaining to activities of veterinary technicians, and to advise the Board of Directors concerning the implementation of AVMA policy concerning such matters

Use of Artificial Intelligence

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources

COURSE OUTLINE / CALENDAR

Diagnostic Imaging tentative schedule:

Week	Lecture	Lab
1	Review course and due dates Chap 1 (radiation concepts)	Lab intro, basic radiation safety, X-ray film & development (chap 4 & 5)
2	Chap 2 (radiation equipment)	Chap 11 – Patient Positioning & Review week 1 Chap 12 –Thorax Models
3	Chap 3 (radiation safety) Exam #1 chap 1-3	Chap 12 –Thorax Models/Live animals
4	Chap 6 (Quality Assurance)	Chap 12 – Small Animal Ab &Thorax continued Models/Live animals
5	Chapt 7 (Digital Imaging)	Chap 13 – Hind limbs Models
6	Chap 8 (Contrast Studies)	Chap 13 – Pelvis (OFA study – Ax required) Models/Live animals Practice hind limbs, abdomen, pelvis studies
7	Chap 8 (Contrast Studies)	Chap 13 – Abdomen (Contrast study) Live animals prepare for Barium study(s)
8	Exam #2 chap 6-8	Lab Midterm-practical
9	Chap 9 (Ultrasound)	Chap 9 –ultrasound Models/Live Animals/Guest Speaker
10	Chap 9 (Ultrasound)	Chap 14 - Small Animal Thoracic Girdle and Forelimbs Model/live animals
11	Chap 10 (Alternate Imaging)	Chap 15 – Small Animal Skull & Spine (Ax required) Live animals
12	Chap 10 (Alternate Imaging) Exam #3 chap 9 & 10	Chap 10 – endoscopy scope towers Animal Imaging Center
13	Chap 16 (Dental Imaging) Chap 17(Exotics Imaging)	Review dental imaging Models Exotic radiology studies Live animals

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14	Chap 18 (Large Animal Imaging) Exam #4 chap 16-18	Large animal imaging Live animals
15	Chap 18 (Large Animal Imaging)	Large animal imaging Live animals
16	Review & Prep for Final/Final Exam	Lab Final

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