VTHT 1301
AUSTIN COMMUNITY COLLEGE
Semester: Fall 2022 Synonym: 51221 and 51222

PROGRAM:	**Veterinary Technology**
COURSE NUMBER:	**VTHT 1301 – Introduction to Veterinary Technology**
COURSE TIME/LOCATION:	**All Lecture hours are Asynchronous** **Lab 001 1:30 – 4:30 PM Monday – EGN2 & Bastrop Animal Shelter** **Lab 002 1:30 – 4:30 PM Thursday – EGN2 & Bastrop Animal Shelter**
FACULTY NAME:	**Amanda Schoolcraft, BS LVT, Edna Noya, LVT**
OFFICE HOURS/LOCATION:	**Email instructor for virtual or in person appointments** Phone: 512.223.9487 Email: amanda.schoolcraft@austincc.edu; edna.noya@austincc.edu Website: www.austincc.edu/health/vtht

COURSE DESCRIPTION: VTHT 1301 is a lecture and laboratory survey of the profession of veterinary technology with emphasis on basic techniques, handling and care of animals, and ethical and professional requirements.

- **Credit Hours:** 3
- **Classroom Contact Hours per Week:** Asynchronous
- **Laboratory Contact Hours per Week:** 3 hours

COURSE PREREQUISITES: Admission to the Veterinary Technology Program, VTHT 1413 and 1217

COURSE RATIONALE: This is an introductory level course for students in the Veterinary Technology program at Austin Community College. Careers in Veterinary Technology prepare graduates to work with a veterinary medical team in small and large animal practices, the laboratory, and other related settings.

COURSE OBJECTIVES: Upon completion of the course, the student will be able to:

1. Explain to others the role of veterinary medicine in today's society, and the role in the public health community. Communicate to others the role of veterinary technicians as members of clinical, research, educational, and industrial veterinary medical teams.
2. List potential zoonosis and public health risk factors in animal care environments and practice appropriate prevention techniques.
3. Describe the importance of preventative health programs in small animal practice and name the components of preventative health programs for dogs and cats.
4. Discuss elements of animal behavior relevant to dog and cat handling and management.
    - Recognize common breeds of dogs and cats.
5. Describe and use common animal identification methods.
6. Demonstrate effective and appropriate restraint techniques for dogs and cats.
7. Obtain a thorough patient history.

8. Demonstrate the ability to obtain objective patient data
    - signalment
    - vital signs
    - systems evaluation
9. Perform venipuncture:
    - cephalic (dog)
    - Jugular (dog, cat)
    - medial saphenous/femoral (cat)
    - lateral saphenous (dog)
10. Grooming
    - demonstrate proper use of therapeutic bathing, basic grooming, and dipping
    - trim nails
    - express canine anal sacs
    - clean and medicate ears
11. Perform / demonstrate microchip scanning
12. Implement sanitation procedures for animal holding and housing areas
13. Administer parenteral medications such as subcutaneous, intramuscular injections.
14. Administer enteral medications including hand pilling and oral liquids.
15. Administer topical medications
16. Describe routine surgical equipment, including those used for ovariohysterectomy and orchiectomy
17. Perform hematology tests including: packed cell volume/total protein

PROGRAM STUDENT LEARNING OUTCOMES:
These learning outcomes are listed in the Veterinary Technology Student Handbook and on Blackboard.

SCANS Competencies
In 1990, the U.S. Department of Labor established the Secretary's Commission on Achieving Necessary Skills (SCANS) to examine the demands of the workplace and whether our nation's students are capable of meeting those demands. The Commission determined that today's jobs generally require competencies in the following areas:

Resources: Identifies, organizes, plans and allocates resources
Interpersonal: Works with others
Information: Acquires and uses information
Systems: Understands complex interrelationships
Technology: Works with a variety of technologies

The Texas Higher Education Coordinating Board requires that all degree plans in institutions of higher education incorporate these competencies and identify to the student how these competencies are achieved in course objectives.

VTHT 1301 COMPETENCE	EXAMPLE OF LEVEL
Resources	Identifies resources used in course and allocates time for studying.
Interpersonal	Shares experiences and knowledge with classmates, works as a member of a team for any assigned activities.
Information	Identifies equipment & supplies for clinical use.
Systems	Uses equipment to identify and catalog information.
Technology	Uses appropriate technology for assessment and treatment
Basic Skills	Reads assigned pages.
Thinking Skills	Identifies and prepares for tests, quizzes and research activities.
Personal Qualities	Works as a team member for any assigned activities. Asserts self and networks with classmates during lab to obtain samples and accomplish tasks.

TEXTBOOK: Clinical Textbook for Veterinary Technicians, 10th ed.; Bassert. Joanna

INSTRUCTIONAL METHODOLOGY: **Online lecture and in-person laboratory**

DISTANCE LEARNING: The lecture portion of this class will be presented online using asynchronous methods. The lectures will be pre-recorded for you to view at your own pace. There will be weekly check-in requirements to ensure that you are staying on track. Distance learning requires a **significant** amount of time management and study skills. If you are new to distance learning, please *review the ACC Distance Education General Information available at https://online.austincc.edu/faq/*
For this class, students will use the **Blackboard** learning management system for assignment instructions, submitting assignments, and collaboration.

GRADING SYSTEM: The Veterinary Technology program use the following scale for determination of final grades:

A = 92-100%
B = 83-91%
C = 75-82%
D= 60-74%
F = below 60%

A grade of 75% or above is required for lecture, lab, and kennel duty to pass this course. Grade of D is allowed for ACC records, but will disqualify student for progression through the program. Due to the nature of the program, you would not be able to take the class again until the following academic year – if there is space available. You must pass the lecture, lab, and kennel duty portions with a 75% or above to pass the class. If you have a 75% or above in all portions, the grades will be combined to calculate your final grade.

This class has essential skills associated with it. Our accrediting body, the CVTEA, sets these. It is the student's responsibility to ensure that these skills are successfully completed in the presence of program faculty and documented in Salthouse by the end of the semester. **Final grades are not rounded.**

Before a student may progress to a subsequent semester, the student must demonstrate proficiency in the essential skill(s) required of each class. Duplicate essential skills requirements may be present in multiple classes or semesters, and students may be required to demonstrate proficiency in essential skills multiple times. At the sole discretion of the instructor, exceptions to the above requirements may be granted in the event that insufficient time exists to teach one or more essential skills adequately. If a student fails to

complete any assigned skill for the semester, the instructor(s) and program chair will review the case to determine student progression.

METHOD OF EVALUATION: (Approximate values)

- 15% of your grade will be based on attendance, assignments, quizzes and presentations
- 10% Kennel Duty
- 30% Exams
- 30% Laboratory
- 15% Final

**(Assignments/quizzes, exams and final are all part of your lecture grade)

***** NOTE:** You must pass the **lecture**, **lab**, and **kennel duty** portion with a 75% or above to pass the class. **Final grades for each portion are not rounded.**

Late Assignment Policy: Assignments are expected to be turned in on time. If for some reason you are not able to get it turned in on time you can submit the next business day for a 50% deduction. The assignment can be submitted in-person or scanned and emailed to the instructor.

Absences: All students are expected to be in class or lab on time. If a class or lab is missed, it is considered either excused or unexcused by the instructor. An absence will be determined by the following criteria.

> **Excused absences** refer to unavoidable circumstances that prevent a student from attending class/lab on time that could not have been previously prevented by the student. Examples include illness, medical emergency, death in the family.
>
> **Unexcused absences** refer to circumstances that prevent a student from attending class/lab on time that could have previously been prevented by the student. Examples include vacation, oversleeping, work, traffic, etc.

Only 2 excused absences will be permitted each semester. All absences thereafter will be reported as unexcused and will result in a loss of credit for the lecture or lab.

Exam Policy: You are expected to take all exams when scheduled. Exams for this class will be given online via Blackboard using the Respondus Lockdown Browser. Additional information about the downloading and using the lockdown browser is available on the course Blackboard page.
To take an exam at a time other than the scheduled time in which it is given, the absence must be considered an **excused absence** by the instructor. Written evidence must be presented. If you miss an exam, arrangements must be made up within a week of when it was given. If it is not taken by that time, you will receive a zero for that exam. Only one exam may be made up during this course. If more than one exam is missed, you will receive a zero on all other missed exams.

COURSE POLICIES:

Attendance/Class Participation: Regular and timely class participation in discussions and completion of work is expected of all students.

For each time a student is late for:

- **Lab – 10pts** will be deducted from the overall Lab grade
- **Lecture – 10pts** will be deducted from the overall Lecture grade

If attendance or compliance with other course policies is unsatisfactory, the instructor may withdraw students from the class.

Laboratories are critical. If a lab is missed and it is considered an **excused absence,** it is the **student's responsibility** to schedule with the instructor any possible make-up of skills or material missed. Arrangements to make up the missed laboratory material must be scheduled within 1 week of the missed lab. Communication is key! If a lab is missed because of an **unexcused absence**, **10% will be deducted from the overall Lab Grade and no make-up lab will be given.**

3 missed labs will result in a 70% in the lab portion of the class. This is below the 75% needed to pass the lab and will result in failure of the course.

In the event the college or campus closes due to unforeseen circumstances (for example, severe weather or other emergency), the student is responsible for communicating with their professor during the closure and completing any assignments or other activities designated by their professor as a result of class sessions being missed.

Withdrawal Policy

It is the responsibility of each student to ensure that his or her name is removed from the roll should he or she decide to withdraw from the class. The instructor does, however, reserve the right to drop a student should he or she feel it is necessary. If a student decides to withdraw, he or she should also verify that the withdrawal is submitted **before** the Final Withdrawal Date.

The student is also strongly encouraged to retain their copy of the withdrawal form for their records.

November 17, 2022 is the final withdrawal date.

Students are responsible for understanding the impact that withdrawal from a course may have on their financial aid, veterans' benefits, and international student status. Per state law, students enrolling for the first time in Fall 2007 or later at any public Texas college or university may not withdraw (receive a W) from more than **six courses** during their undergraduate college education. Some exemptions for good cause could allow a student to withdraw from a course without having it count toward this limit. Students are strongly encouraged to meet with an advisor when making decisions about course selection, course loads, and course withdrawals."

Incompletes: Due to the cohort nature of our program, a grade of incomplete cannot be issued.

STUDENT TECHNOLOGY SUPPORT

Austin Community College provides free, secure drive-up WiFi to students and employees in the parking lots of all campus locations. WiFi can be accessed seven days a week, 7 am to 11 pm. Additional details are available at https://www.austincc.edu/sts.

Students who do not have the necessary technology to complete their ACC courses can request to borrow devices from Student Technology Services. Available devices include iPads, webcams, headsets, calculators, etc. Students must be registered for a credit course, Adult Education, or Continuing Education course to be eligible. For more information, including how to request a device, visit http://www.austincc.edu/sts.

Student Technology Services offers phone, live-chat, and email-based technical support for students and can provide support on topics such as password resets, accessing or using Blackboard, access to technology, etc. To view hours of operation and ways to request support, visit http://www.austincc.edu/sts.

Lecture Schedule

Date	Topic Area/Objective	Reading/Other Assignments
Week 1 Aug 22	Course Intro – Animal behavior	Chp 1, 5, 6
Week 2 Aug 29	Animal Restraint	Chp 6
Week 3 Sept 5	History / Physical **NO LAB Monday/Thursday**	Chp 7
Week 4 Sept 12	History / Physical **Exam #1**	Chp 7
Week 5 Sept 19	Preventative Health Programs	Chp 8
Week 6 Sept 26	Preventative Health Programs	Chp 8
Week 7 Oct 3	Diagnostic Sampling	Chp 17
Week 8 Oct 10	Diagnostic imaging	Chp 15
Week 9 Oct 17	Pain Management **Exam #2**	Chp 29, 30
Week 10 Oct 24	Anesthesia	Chp 29, 30
Week 11 Oct 31	Surgical instrument/ Assistance	Chp 31, 32
Week 12 Nov 7	**Exam #3** Pharmacology/Hematology	Chp 28, 11
Week 13 Nov 14	Parasitology **LAB FINAL**	Chp 13
Week 14 Nov 21	Birds, reptiles, & small mammals	Chp 22
Week 15 Nov 28	Catch up/Review	
Week 16	**Final Exam**	

****Exam Dates are subject to change**

Laboratory Schedule to follow

By signing below, I declare that I have received a copy of the course syllabus for VTHT 1301 Introduction to Veterinary Technology and have had a chance to review it and understand the contents of the syllabus. This is for the semester inclusive of the date below.

_____ _____

Student Signature Date

_____

Printed name