

VTHT 1413 - Veterinary Anatomy and Physiology
AUSTIN COMMUNITY COLLEGE
Semester: Fall 2022 Synonym: 51223/51224

PROGRAM: Veterinary Technology

COURSE NUMBER: VTHT 1413 - Veterinary Anatomy and Physiology

COURSE TIME/LOCATION: All lecture hours are asynchronous (On your own)

Lab 51223 - Monday 8:00 – 11:50am/EGN 2125

Lab 51224 - Thursday 8:00 – 11:50am/EGN 2125

FACULTY Information:

| | | | |
|----------------------|------|--------------|-----------------------------|
| Kerry L. Coombs, DVM | 2111 | 512-223-9428 | Kerry.Coombs@austincc.edu |
| Kate Peterson, LVT | 2109 | 512-223-9492 | Katie.Peterson@austincc.edu |
| Edna Noya, LVT | 2109 | | Edna.Noya@austincc.edu |

OFFICE HOURS/LOCATION: Email instructor for virtual appointments via Webex. We can also meet in person, on campus.

Website: www.austincc.edu/health/vtht

Transferability of workforce courses varies. Students interested in transferring courses to another college should speak with their Area of Study (AoS) advisor, Department Chair, and/or Program Director.

COURSE DESCRIPTION: Gross anatomy of domestic animals including physiological explanations of how each organ system functions. The student will study structural anatomy and basic physiology of domestic animals, exotic and laboratory animals.

- Credit Hours: 4
- Classroom Contact Hours per week: 3
- Laboratory Contact Hours per week: 4

COURSE PREREQUISITES: Admission into the Veterinary Technology Program

Co-requisites: VTHT 1301 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 enable graduates to work with a veterinary medical team in small & large animal practice, the laboratory, and other related settings.

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

1. Define general tissue types – epithelial, connective, muscular, nervous, and glandular.
2. Identify body systems - skeletal, muscular, circulatory, respiratory, sensory, urinary, endocrine, reproductive and nervous systems.
3. Explain basic physiology of domestic and laboratory animals as will be needed to perform duties as Veterinary Technicians.

4. Describe function of the basic systems as listed in objective #2.
5. Describe and define joint function, muscular tissue types and location, identify parts of the appendicular and axial skeleton, common integument, reproductive, and endocrine systems.

DISCIPLINE/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 1413 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 physiologic responses to different stimuli to recognize if normal or abnormal |
| Systems | Identifies anatomical system function and purpose. |
| 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 and virtual lab to obtain information on current topics. |

TEXTBOOK: Clinical Anatomy and Physiology for Veterinary Technicians; Colville, Bassert, 3rd ed. w/Laboratory Manual
Illustrated Guide to Veterinary Medical Terminology; Romich, 4th edition

Minimum Technology Requirement

- Access to Internet
- A reliable computer

- Microsoft Office
- Access to webcam and microphone
- Respondus Lockdown Browser

INSTRUCTIONAL METHODOLOGY: Online lecture asynchronous and in-person laboratory exercises to identify anatomical systems and structures.

DISTANCE LEARNING: The lecture portion (built into your lectures) 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.

TECHNOLOGY SUPPORT SERVICES

In response to COVID-19-related campus closures, Austin Community College now provides free, secure drive-up Wi-Fi to students and employees in the parking lots of all campus locations. Wi-Fi can be accessed seven days a week, 7 am to 11 pm. Additional details are available at <https://www.austincc.edu/coronavirus/drive-up-wifi>

Students who submit the **Student Technology Access Form** and indicate they need help accessing their online learning environment to successfully complete their courses are eligible to check out an ACC iPad for use during the semester. You must be registered for a credit course, Adult Education, or Continuing Education course.

GRADING SYSTEM: The Veterinary Technology courses 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. **Final grades are not rounded.**

METHOD OF EVALUATION:

10 % of your grade will be based on assignments, quizzes and presentations

48 % on exams

12 % on Final

30 % on Lab

*****NOTE:** You must pass both the lab and lecture portion with a 75% or above to pass the class. If you have above a 75% in both, the grades will be combined for your final grade. *Class grades are posted on Blackboard. The grade on Blackboard reflects your overall grade in the course. A score of 75% or above is needed in both the laboratory and lecture portion of the class. Please contact your instructor if you are concerned about your grade in either portion for an accurate calculation. Final grades for each portion are not rounded.*

COURSE POLICIES:

Absences: All students are expected to be in the lab on time. If a lab is missed, it is considered either excused or unexcused by the instructor. Unexcused absences will result in a zero grade for the lab. 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, and 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.

Quizzes: Lecture: Quizzes are to be taken during the assigned times. If there are technical issues an email must be sent before the close of the quiz time. If there are other circumstances causing a missed quiz the option to make up the quiz will be at the instructor's discretion. **Lab:** If missed due to an excused absence and arrangements to do so are made within **3 days** of when the quiz was given. Quiz makeups must be completed within 1 week of the missed quiz. **Late Assignment Policy:** Assignments are expected to be turned in on time. Late assignments will receive a 50% deduction if received within 24 hours of the due date. Assignments submitted more than 24 hours beyond the due date will not be accepted and receive a zero grade. Assignments can be submitted via Blackboard or e-mailed to the instructor. For any other circumstances, the student needs to contact the instructor.

Lecture Exam Policy: You are expected to take all exams when scheduled. Exams for the lecture portion of 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 "excused" by the instructor. "Excused" absences include illness, death in the family, and other unavoidable circumstances. Written evidence must be presented. If you miss an exam, arrangements must be made to make up the exam within **3 days** of when the exam was originally due, and the exam must be completed within **1 week** of the original exam date. If it is not arranged 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.

Laboratory Exam Policy: You are expected to take all exams when scheduled. Laboratory exams are given in a practical nature and require intensive set up thus they cannot be given at a time other than originally scheduled. **Makeup exams will not be allowed.**

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

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 their name is removed from the roll should they decide to withdraw from the class. The instructor does, however, reserve the right to drop a student should they feel it is necessary. If a student decides to withdraw, they 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.

COLLEGE POLICIES

Health & Safety Protocols

Operational areas of ACC campuses and centers are fully open and accessible through all public entrances. While some health & safety protocols are no longer mandatory, the college encourages its staff, faculty, and students to be mindful of the well-being of all individuals on campus. If you feel sick, feverish, or unwell, please do not come to campus.

Some important things to remember:

- If you have not done so, ACC encourages all students, faculty, and staff to get vaccinated. COVID-19 vaccines are now widely available throughout the community. Visit www.vaccines.gov/ to find a vaccine location near you.
- If you are experiencing COVID-19-related symptoms, please get a COVID-19 test as soon as possible before returning to an ACC facility. Testing is now widely available.

- If you test positive, please report it on the [ACC self-reporting tool located here](#).
- ACC continues to welcome face masks on campus. Per CDC guidelines, face masks remain a good way to protect yourself from COVID-19. The college cannot mandate indoor masking, but is encouraging it during this spike in cases as a result of the Delta variant.
- The college asks that we all continue to respect the personal space of others. We are encouraging 3 feet of social distancing.
- Please be sure to carry your student, faculty, or staff ID badge at all times while on campus.

Because of the ever changing situation, please go to ACC's Covid website at <https://www.austincc.edu/coronavirus?ref=audiencemenu> for the latest updates and guidance.

Statement on Academic Integrity

Austin Community College values academic integrity in the educational process. Acts of academic dishonesty/misconduct undermine the learning process, present a disadvantage to students who earn credit honestly, and subvert the academic mission of the institution. The potential consequences of fraudulent credentials raise additional concerns for individuals and communities beyond campus who rely on institutions of higher learning to certify students' academic achievements and expect to benefit from the claimed knowledge and skills of their graduates. Students must follow all instructions given by faculty or designated college representatives when taking examinations, placement assessments, tests, quizzes, and evaluations. Actions constituting scholastic dishonesty include, but are not limited to, plagiarism, cheating, fabrication, collusion, falsifying documents, or the inappropriate use of the college's information technology resources. Further information is available at <https://www.austincc.edu/about-acc/academic-integrity-and-disciplinary-process>

Student Rights & Responsibilities

Students at ACC have the same rights and protections under the Constitution of the United States. These rights include freedom of speech, peaceful assembly, petition and association. As members of the community, students have the right to express their own views, but must also take responsibility for according the same rights to others and not interfere or disrupt the learning environment. Students are entitled to fair treatment, are expected to act consistently with the values of the college, and obey local, state, and federal laws. www.austincc.edu/srr

As a student of Austin Community College you are expected to abide by the Student Standards of Conduct.

<https://www.austincc.edu/students/students-rights-and-responsibilities/student-standards-of-conduct>

Senate Bill 212 and Title IX Reporting Requirements

Under Senate Bill 212 (SB 212), the faculty and all College employees are required to report any information concerning incidents of **sexual harassment, sexual assault, dating violence, and stalking** committed by or against an ACC student or employee. Federal Title IX law and College policy also require reporting incidents of **sex- and gender-based discrimination and sexual**

misconduct. This means faculty and non-clinical counseling staff cannot keep confidential information about any such incidents that you share with them.

If you would like to talk with someone confidentiality, please contact the District Clinical Counseling Team who can connect you with a clinical counselor on any ACC campus: (512) 223-2616, or to schedule online: <https://www.austincc.edu/students/counseling> .

While students are not required to report, they are encouraged to contact the Compliance Office for resources and options: Charlene Buckley, District Title IX Officer, (512) 223-7964; compliance@austincc.edu .

If a student makes a report to a faculty member, the faculty member will contact the District Title IX Officer for follow-up.

Student Complaints

A defined process applies to complaints about an instructor or other college employee. You are encouraged to discuss concerns and complaints with college personnel and should expect a timely and appropriate response. When possible, students should first address their concerns through informal conferences with those immediately involved; formal due process is available when informal resolution cannot be achieved.

Student complaints may include (but are not limited to) issues regarding classroom instruction, college services and offices on the basis of actual or perceived race, color, national origin, religion, age, gender, gender identity, sexual orientation, political affiliation, or disability.

Further information about the complaints process, including the form used to submit complaints, is available at:

<http://www.austincc.edu/students/students-rights-and-responsibilities/student-complaint-procedures>

Statement on Privacy

The Family Educational Rights and Privacy Act (FERPA) protects confidentiality of students' educational records. Grades cannot be provided by faculty over the phone, by e-mail, or to a fellow student.

Recording Policy

To ensure compliance with the Family Education Rights and Privacy Act (FERPA), student recording of class lectures or other activities is generally prohibited without the explicit written permission of the instructor and notification of other students enrolled in the class section. Exceptions are made for approved accommodations under the Americans with Disabilities Act. Recording of lectures and other class activities may be made by faculty to facilitate instruction, especially for classes taught remotely through BlackBoard Collaborate or another platform. Participation in such activities implies consent for the student to be recorded during the instructional activity. Such recordings are intended for educational and academic purposes only.

Safety Statement

Health and safety are of paramount importance in classrooms, laboratories, and field activities. Students are expected to learn and comply with ACC environmental, health and safety procedures and agree to follow ACC safety policies. Emergency Procedures posters and Campus Safety Plans are posted in each classroom and should be reviewed at the beginning of each semester. All incidents (injuries/illness/fire/property damage/near miss) should be immediately reported to the course instructor. Additional information about safety procedures and how to sign up to be notified in case of an emergency can be found at

<http://www.austincc.edu/emergency>

Everyone is expected to conduct themselves professionally with respect and courtesy to all. Anyone who thoughtlessly or intentionally jeopardizes the health or safety of another individual may be immediately dismissed from the day's activity and will be referred to the Dean of Student Services for disciplinary action.

In the event of disruption of normal classroom activities due to an emergency situation or an outbreak of illness, the format for this course may be modified to enable completion of the course. In that event, students will be provided an addendum to the class syllabus that will supersede the original version.

Campus Carry

The Austin Community College District concealed handgun policy ensures compliance with Section 411.2031 of the Texas Government Code (also known as the Campus Carry Law), while maintaining ACC's commitment to provide a safe environment for its students, faculty, staff, and visitors. Beginning August 1, 2017, individuals who are licensed to carry (LTC) may do so on campus premises except in locations and at activities prohibited by state or federal law, or the college's concealed handgun policy.

It is the responsibility of license holders to conceal their handguns at all times. Persons who see a handgun on campus are asked to contact the ACC Police Department by dialing 512-223-1231. Please refer to the concealed handgun policy online at <http://austincc.edu/campuscarry>

Discrimination Prohibited

The College seeks to maintain an educational environment free from any form of discrimination or harassment including but not limited to discrimination or harassment on the basis of race, color, national origin, religion, age, sex, gender, sexual orientation, gender identity, or disability. Faculty at the College are required to report concerns regarding sexual misconduct (including all forms of sexual harassment and sex and gender-based discrimination) to the Manager of Title IX/Title VI/ADA Compliance. Licensed clinical counselors are available across the District and serve as confidential resources for students.

Additional information about Title VI, Title IX, and ADA compliance can be found in the ACC Compliance Resource Guide available at:

<https://drive.google.com/file/d/1o55xINAWNvTYgl-fs-JbDyuaMFDNvAjz/view>

Use of ACC email

All College e-mail communication to students will be sent solely to the student's ACCmail account, with the expectation that such communications will be read in a timely fashion. ACC

will send important information and will notify students of any college- related emergencies using this account. Students should only expect to receive email communication from their instructor using this account. Likewise, students should use their ACCmail account when communicating with instructors and staff. Information about ACC email accounts, including instructions for accessing it, are available at:

<http://www.austincc.edu/help/accmail/questions-and-answers>

Use of the Testing Center

For Fall 2021, the Testing Centers will allow only limited in-person testing and testing time will be limited to the standard class time, typically one and one-half hours. Specifically, only the following will be allowed in the Testing Centers:

- Student Accessibility Services (SAS) Testing: All approved SAS testing
- Assessments Tests: Institutionally approved assessment tests (e.g., TSIA or TABE)
- Placement Tests: Placement tests (e.g., ALEKS)
- Make-Up Exams (for students who missed the original test): Make-up testing is available for all lecture courses but will be limited to no more than 25% of students enrolled in each section for each of four tests
- Programs incorporating industry certification exams: Such programs (e.g., Microsoft, Adobe, etc.) may utilize the ACC Business Assessment Center for the industry certification exams (BACT) at HLC or RRC

STUDENT SUPPORT SERVICES

The success of our students is paramount, and ACC offers a variety of support services to help, as well as providing numerous opportunities for community engagement and personal growth.

Student Support

ACC strives to provide exemplary support to its students and offers a broad variety of opportunities and services. Information on these campus services and resources is available at <http://www.austincc.edu/students>. A comprehensive array of student support services is available online at:

<https://www.austincc.edu/coronavirus/remote-student-support>

Student Accessibility Services

Austin Community College (ACC) is committed to providing a supportive, accessible, and inclusive learning environment for all students. Each campus offers support services for students with documented disabilities. Students with disabilities who need classroom, academic or other accommodations must request them through Student Accessibility Services (SAS). Students are encouraged to request accommodations when they register for courses or at least three weeks before the start of each semester they are enrolled, otherwise the provision of accommodations may be delayed. Students who have received approval for accommodations from SAS for this course must provide the instructor with the legal document titled “Notice of Approved Accommodations (NAA)” from SAS.

Until the instructor receives the NAA from the student accommodations should not be provided. Once the NAA is received, accommodations must be provided. Accommodations are not retroactive, so it is in the student’s best interest to deliver the NAA on the first day of class. Please contact SAS@austincc.edu for more information.

Academic Support

ACC offers academic support services on all of its campuses. These services, which include online tutoring, academic coaching, and supplemental instruction, are free to enrolled ACC students. Tutors are available in a variety of subjects ranging from accounting to pharmacology. Students may receive these services on both a drop-in and referral basis.

[An online tutor request can be made here:](https://de.austincc.edu/bbsupport/online-tutoring-request/)

<https://de.austincc.edu/bbsupport/online-tutoring-request/>

[Additional tutoring information can be found here:](https://austincc.edu/onlinetutoring)

austincc.edu/onlinetutoring

Library Services

ACC Library Services will be offering both in-person and extensive online services for Fall 2021, with research and assignment assistance available in-person during limited hours of service. Although all college services are subject to change this fall, plans include ACC students signing up for study space and use of computers at open libraries, extensive online instruction in classes, online reference assistance 24/7 and reference with ACC faculty librarians. In addition, currently enrolled students, faculty and staff can access Library Services online (also 24/7) via the ACC Library website and by using their ACCeID to access all online materials (ebooks, articles from library databases, and streaming videos). ACC Libraries offer these services in numerous ways such as: "Get Help from a Faculty Librarian: the 24/7 Ask a Librarian chat service," an online form for in-depth research Q and A sessions, one-on-one video appointments, email, and phone (voicemail is monitored regularly).

- Library Website: <http://library.austincc.edu>
- Library Information & Services during COVID-19: <https://researchguides.austincc.edu/LSinfoCOVID19>
- Ask a Librarian 24/7 chat and form: <https://library.austincc.edu/help/ask.php>
- Library Hours of Operation by Location: <https://library.austincc.edu/loc/>
- Email: library@austincc.edu

Student Organizations

ACC has over seventy student organizations, offering a variety of cultural, academic, vocational, and social opportunities. They provide a chance to meet with other students who have the same interests, engage in service-learning, participate in intramural sports, gain valuable field experience related to career goals, and much else. Student Life coordinates many of these activities, and additional information is available at <http://sites.austincc.edu/sl/>.

Personal Support

Resources to support students are available at every campus. To learn more, ask your professor or visit the campus Support Center. All resources and services are free and confidential. Some examples include, among others:

- Food resources including community pantries and bank drives can be found here: <https://www.centraltexasfoodbank.org/food-assistance/get-food-now>
- Assistance with childcare or utility bills is available at any campus Support Center: <http://www.austincc.edu/students/support-center>.
- The Student Emergency Fund can help with unexpected expenses that may cause you to withdraw from one or more classes: <http://www.austincc.edu/SEF>.
- Help with budgeting for college and family life is available through the Student Money Management Office: <http://sites.austincc.edu/money/>.
A full listing of services for student parents is available at: <https://www.austincc.edu/students/child-care>
- The CARES Act Student Aid will help eligible students pay expenses related to COVID-19: <https://www.austincc.edu/coronavirus/cares-act-student-aid>.

Mental health counseling services are available throughout the ACC Student Services District to address personal and or mental health concerns: <http://www.austincc.edu/students/counseling>

If you are struggling with a mental health or personal crisis, call one of the following numbers to connect with resources for help. However, if you are afraid that you might hurt yourself or someone else, call 911 immediately.

Free Crisis Hotline Numbers:

- Austin / Travis County 24-hour Crisis & Suicide hotline: **512-472-HELP (4357)**
- The Williamson County 24-hour Crisis hotline: **1-800-841-1255**
- Bastrop County Family Crisis Center hotline: **1-888-311-7755**
- Hays County 24 Hour Crisis Hotline: **1-877-466-0660**
- National Suicide Prevention Lifeline: **1-800-273-TALK (8255)**
- Crisis Text Line: **Text “home” to 741741**
 - Substance Abuse and Mental Health Services Administration (SAMHSA) National Helpline: **1-800-662-HELP (4357)**
- National Alliance on Mental Illness (NAMI) Helpline: **1-800-950-NAMI (6264)**

Course Lecture Outline / Calendar

| Date | Topic Area/Objective | Reading/Other Assignments |
|-------------------|-----------------------------------|---------------------------|
| Week 1 Aug 22 | Cells / Tissues | Chapters 1 -5 |
| Week 2 Aug 29 | Skeletal system | Chapter 7 |
| Week 3 Sept 5 | Skeletal No Class Monday! | Chapter 7 |
| Week 4 Sept 12 | Integument | Chapter 6 |
| Week 5 Sept 19 | Exam #1 / Muscle | Chapter 8 |
| Week 6 Sept 26 | Cardiovascular System | Chapter 14 |
| Week 7 Oct 3 | Cardiovascular System | Chapter 14 |
| Week 8 Oct 10 | Respiratory System | Chapter 15 |
| Week 9 Oct 17 | Exam #2 / Digestive system | Chapter 16 |
| Week 10 Oct 24 | Digestive/Urinary system | Chapter 16 and 18 |
| Week 11 Oct 31 | Endocrine system | Chapter 11 |
| Week 12 Nov 7 | Reproductive system/ Gestation | Chapter 19, 20 |
| Week 13 Nov 14 | Exam #3 / Nervous System | Chapter 9 |
| Week 14 Nov 21 | Nervous System/Special Senses | Chapter 9 and 10 |
| Week 15 Nov 28 | Blood & body fluids /Avian | Chapter 12 and 21 |
| Week 16 Dec 5 | Final Exam | |

Course Lab Outline / Calendar

| WEEK 1 – SKELETAL SYSTEM | | HOMEWORK |
|---|------------------|---|
| Axial skeleton | | Read Lab Manual Colville Chapter 6 |
| Appendicular skeleton | | Answer Vet Med Term Chapter 1 Multiple Choice |
| Bovine limbs / equine limbs | | Answer Vet Med Term Chapter 2 Multiple Choice |
| WEEK 2 –SKELETAL SYSTEM | | HOMEWORK |
| Skull bones | | Read Lab Manual Colville Chapter 5 |
| Bone features/processes | | Answer Vet Med Term Chapter 3 Multiple Choice |
| Joints | | |
| Integument features | | |
| WEEK 3 – NO LAB | | HOMEWORK |
| Labor Day – No Lab | | |
| WEEK 4 – MUSCULAR SYSTEM | | HOMEWORK |
| Dissection safety | Lab Quiz 1 | Read Lab Manual Colville Chapter 7 |
| Dissection - fascia removal | | Answer Vet Med Term Chapter 4 Multiple Choice |
| Forelimb dissection | | |
| WEEK 5 – MUSCULAR SYSTEM | | HOMEWORK |
| Hind limb dissection | | Read Lab Manual Colville Chapter 7 |
| Body wall muscle dissection | | Answer Vet Med Term Chapter 6 Multiple Choice |
| | | |
| WEEK 6 – URINARY SYSTEM / DIGESTIVE SYSTEM | | HOMEWORK |
| Abdomen dissection | Terminology Quiz | Read Lab Manual Colville Chapter 14 |
| Review all muscles | | Read Lab Manual Colville Chapter 15 |
| Dentistry anatomy | | Answer Vet Med Term Chapter 7 Multiple Choice |
| WEEK 7 – REPRODUCTIVE SYSTEM / REVIEW | | HOMEWORK |
| Review for midterm | | Read Lab Manual Colville Chapter 16 |
| Abdomen dissection | | Study for Midterm |
| WEEK 8 – MIDTERM | | HOMEWORK |
| Cumulative | Lab Midterm | Answer Vet Med Term Chapter 8 Multiple Choice |
| WEEK 9 – CARDIOVASCULAR SYSTEM / PULMONARY SYSTEM | | HOMEWORK |
| Thorax dissection | | Read Lab Manual Colville Chapter 12 |
| | | Read Lab Manual Colville Chapter 13 |
| | | Answer Vet Med Term Chapter 9 Multiple Choice |

| WEEK 10 – ENDOCRINE SYSTEM | | HOMEWORK |
|----------------------------|--|--|
| Sheep heart dissection | | Read Lab Manual Colville Chapter 10 |
| Sheep kidney dissection | | Read Lab Manual Colville Chapter 11 |
| | | Answer Vet Med Term Chapter 10 Multiple Choice |

| WEEK 11 – NERVOUS SYSTEM / SENSE ORGANS | | HOMEWORK |
|---|--|--|
| Cow eyeball dissection | | Read Lab Manual Colville Chapter 8 |
| Sheep brain dissection | | Read Lab Manual Colville Chapter 9 |
| | | Answer Vet Med Term Chapter 11 Multiple Choice |

| WEEK 12 – NEONATE ANATOMY | | HOMEWORK |
|---------------------------|------------|--|
| Fetal pig dissection | Lab Quiz 2 | Read Lab Manual Colville Chapter 17 |
| | | Read Fetal Pig Dissection Lab Handout |
| | | Answer Vet Med Term Chapter 12 Multiple Choice |

| WEEK 13 – AVIAN ANATOMY | | HOMEWORK |
|-------------------------|--|--|
| Chicken dissection | | Read Lab Manual Colville Chapter 18 |
| Final review | | Answer Vet Med Term Chapter 13 Multiple Choice |
| | | Answer Vet Med Term Chapter 14 Multiple Choice |

| WEEK 14 – OPEN LAB / REVIEW | | HOMEWORK |
|---------------------------------|--|----------|
| Review for final / Thanksgiving | | |

| WEEK 15 – FINAL | | HOMEWORK |
|-----------------|-----------|----------|
| Cumulative | Lab FINAL | |

****Please note that schedule changes may occur during the semester. Any changes will be announced in class, posted as a Blackboard Announcement, or announced via ACC email.**

VTHT 1413 – Veterinary Anatomy & Physiology

By signing below I declare that I have received a copy of the course syllabus for VTHT 1413, Veterinary Anatomy and Physiology 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