Anesthesiology and Surgical Nursing for Veterinary Technicians

ANSC 271, 63059 & 63270
Fall, 2022

CLASS INFORMATION
SYNCHRONOUS - 63059
Monday 10:00 am – 11:15 am
Meeting Location: Zoom meetings

ASYNCHRONOUS - 63270
TBD: Zoom meetings

INSTRUCTORS’ INFORMATION
Instructor: Terence A. Olive, DVM, HABc
E-mail: olivet@hawaii.edu
Virtual Office: Zoom meetings by appointment

Instructor: Jenny Kelly, DVM, DACVS
Office: Hale Kakoo 129
Office Hours: by appointment & after lab (in person)
E-mail: jennyrk@hawaii.edu
Phone: 236-9166
Virtual Office: Zoom meetings by appointment

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT
Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai‘i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide the Ko‘olau region of O‘ahu and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence

SYLLABUS CHANGE POLICY:
Information contained in the course syllabus may be subject to change with reasonable advance notice, as deemed appropriate by the instructor. Updates to the syllabus will be communicated via a Laulima or Campuswire, Google Student Drive, class announcement and/or during a Zoom class meeting. Students should check their UH email address regularly (at least every 48 hrs) and Campuswire account so they can be informed of course changes and announcements in a timely manner. It is the student’s responsibility to be informed of these changes. It is also the student’s responsibility to be informed about deadlines critical to making registration changes (e.g., last day for making an official withdrawal
About This Course
This course will focus on the clinical skills necessary for safe and effective anesthesia and surgery of companion animal patients (dogs and cats). Skills such as intravenous catheter placement, proper endotracheal intubation, patient and surgical site preparation, and patient monitoring under general anesthesia will be stressed. The use and side effects of commonly used sedatives, analgesics and anesthetics will be covered. Postoperative procedures include patient monitoring and charting as well as client education for postoperative care.

Course Learning Outcomes
After successfully completing this course, you will be able to:
1. Understand the proper operation of anesthetic delivery equipment and monitoring instruments.
2. Explain all aspects of anesthetic monitoring.
3. Understand and integrate all aspects of patient management for common surgical procedures in companion animal species.
4. Identify and provide appropriate instruments, supplies and environment to maintain asepsis during surgical procedures.
5. Demonstrate understanding of routine surgical procedures including surgeries in these categories: ovariohysterectomy, cesarean section, orchiectomy, laparotomies, and orthopedic procedures.

Course Format
This course will be conducted in an Online Synchronous and Asynchronous format. The goal is to meet weekly to discuss the topics listed in the course schedule as posted here and on the shared Student Google Drive. It is paired with a laboratory class where you will apply the knowledge learned in this course.

Required Materials

Required Textbooks (either hard copy or digital version):


Learning Resources:

Science Direct: science database available through the library learning commons link from the WCC website or at http://www.sciencedirect.com/

Veterinary Anesthesia and Analgesia Support Group http://www.vasg.org. This is an extensive free resource, geared to the veterinary practitioner and nursing staff, covering all things related to anesthesia of the veterinary patient.
Other resources:

Due to the online nature of this course, it is necessary to have access to high-speed internet and computer software e.g. microsoft, adobe, Laulima to support your participation in the class. Here are the links to several commonly used sites or applications’ accessibility information:
Laulima/Sakai, Microsoft, Adobe

Tutors are Available.
Sarah: http://vettechtutorsarah.youcanbook.me
Nora: http://vettechtutornora.youcanbook.me
Mele: http://vettechtutormele.youcanbook.me

Course Policies and Class Communication

Synchronous and Asynchronous Classes:
Students in order to be successful in this course, are expected to
- attend class at regularly scheduled times via Zoom
- access the Google Student Drive for lecture content, homework assignments, schedules and other updated materials.
- materials are in folders by week presented
- watch the lecture content that is delivered via recorded lectures and available power point presentations.
- monitor their progress in the course via Laulima and other platforms as necessary.
- be prepared to discuss learning topics, ask questions regarding learning materials, hand in homework, and take quizzes at the scheduled times.
- be self-motivated to obtain, learn and process educational delivery topics
- be respectful and professional on-line and in-person with faculty, staff, students and the general public.
- facilitate student questions pertaining to educational materials
- stay on-topic.
- Utilize Laulima, e-mail or Campuswire if very specific questions to their situation or a need for some extra support arises
- set up a one-on-one meeting as needed to assure understanding of course content.

Zoom Classroom Etiquette:

This is a virtual classroom, so appropriate classroom behavior is expected

● Take care of your personal needs (basic hygiene, eating, talking to others in your home, etc.) prior to entering the classroom.
● Ensure your workspace is quiet, clean and has an appropriate background
● Keep your audio on mute until you want to speak
  ○ If you want to speak, use the ‘raise hand’ feature, then unmute yourself when called on
● Keep your camera on to maintain focus
● Never take a screenshot of the Zoom call unless you have permission. All resources used in the Zoom meeting will be provided in Laulima or the Google Student Drive.
● Maintain respectful, profession and use appropriate language. Disruptive or unprofessional behavior will not be tolerated.
  ○ Be on time
  ○ Dress appropriately
  ○ Sit tall and face the camera

**Participating in our Learning Community: Class Communication**

The weekly online Zoom meeting, is where most class discussions and questions on the subject matter will be answered. It is expected that students will come prepared to discuss topics presented via readings, lectures or other assignments. The goal will be for both sections to have contact via Zoom at least weekly.

**Laulima, Google Student Drive, Campus wire**

*Primary use will be of Laulima and the Google Student Drive*

- Where announcements, reminders, etc. will be posted by the instructor.
- Homework assignments and Lecture materials are in the Google Student Drive and organized by week.

**Netiquette:** (Network etiquette - appropriate behavior online) - [UH Netiquette and Safety Page]

- Do not use CAPS lock - it indicates anger, yelling, or an aggressive tone
- Use correct spelling, capitalization, and punctuation in all correspondence
- Use standard English, not “texting” language
- Be respectful to each other, choose your words wisely, and do not reply while upset or angry. When communicating online, it is difficult to convey tone and words can be misunderstood. Take time to be calm, proofread, and consider how someone else might interpret what you are typing.
- Express differences in opinion in a polite and rational manner.
- Maintain an environment of constructive criticism when commenting on the work of other students.
- Avoid bringing up irrelevant topics when involved in group discussions or other collaborative activities.
- If you ever receive an email or a response in discussions that is not appropriate, please contact the instructor privately and immediately. The vet tech program has no tolerance for anything that appears to be harassing, impolite or insulting. Situations like this may be referred to the program director, Dean, or Vice Chancellor of Student Affairs and corrective action will be taken.

**Contacting the Instructor:**

If it is anything course/content related, please contact me, I will respond via Laulima so all of your classmates can benefit. If it is grade related, private, or very specific to your situation, you can email me as well at: olivet@hawaii.edu. Or we can try to set up a zoom meeting. Keep communication professional.

**Timeline:** I will respond to inquiries within 12 - 24 hrs Mon-Fri. On the weekend, the response time will be between 24 - 48 hrs.
Alternative Contact
If you are unable to reach me, you can contact:
Dr. Kelly: jennyrk@hawaii.edu
Sam Geiling: scraddoc@hawaii.edu
Stacie Kissel: kupahu@hawaii.edu

Attendance:

~~COVID-19~~ If you are feeling sick and/or exhibiting any of the signs or symptoms associated with COVID-19, do not attend your in-person lab/class, please contact your physician immediately for the appropriate steps to acquire a test and initiate quarantine. You must contact your instructor immediately and provide the documentation from your physician regarding your health status.

ATTENDANCE: (60 points): Attendance is mandatory and defined as being present in class for the entire class period. Each student is allowed one absence without penalty. Each unexcused absence beyond the one allowed, will result in a deduction of 10 points from the student’s attendance score. If a student has an excused absence, a doctor’s note or documentation must be given to the instructor within 48 hours of returning to school.

For more information on the Veterinary Technology Program attendance policy, please refer to the Student Handbook.

Assessments and Grading:

Research has shown that frequent assessments of students increase student motivation and achievement. This instructor believes in the benefit of frequent assessments allowing for increased academic success of students. There will be a variety of assessment tools including Attendance, Homework Assignments (HW), Quizzes, and Examinations (EXAM). Please refer to the assessment and grading folder in the Shared Student Google Drive or at the end of the syllabus.

Homework (HW) Assignments:
There are 14 homework assignments that cover previous weeks readings and / or supplemental content.

Quizzes:
There are 6, multiple choice quizzes that will focus on the knowledge obtained from the online lectures. They will be proctored via Loom. They will open on a Thursday at 12:00 am and close at 11:59 pm.

Exams:
There are 2, 100 point, exams scheduled for week 8 and week 16. They will be proctored via Loom. They will open at 12:00 am and close at 11:59 pm.

There is 1, 200 point, comprehensive final exam that will occur during week 17. (Finals Week). Each exam will be multiple choice. It will be proctored via Loom. It will open at 12:00 am and close at 11:59 pm
<table>
<thead>
<tr>
<th>Assessment</th>
<th>Point Value</th>
<th>TOTAL POINT VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HW – 1 - 10</td>
<td>@ 30 points</td>
<td>300 points</td>
</tr>
<tr>
<td>HW – 11-14</td>
<td>@ 40 points</td>
<td>160 points</td>
</tr>
<tr>
<td>Quizzes 1-6</td>
<td>@ 30 points</td>
<td>180 points</td>
</tr>
<tr>
<td>Exams 1&amp;2</td>
<td>@ 100 points</td>
<td>200 points</td>
</tr>
<tr>
<td>Final Exam</td>
<td>@ 200 points</td>
<td>200 points</td>
</tr>
<tr>
<td>Attendance</td>
<td></td>
<td>60 points</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td>1100 points</td>
</tr>
</tbody>
</table>

**GRADE SCALES**

- 990 – 1100 points: A
- 880 – 989 points: B
- 770 – 879 points: C
- 660 – 769 points: D
- < 660 points: F

**Policy on Late Assignments:**

Late submissions are not accepted. If an assignment was missed due to an unforeseen emergency, communication must be established with your instructor within 48 hours and documentation must be provided. Unless previously consulted with by your instructor, uploaded files with edits made after the due date will not be accepted.

**Wrong file submission policy:** It is the student’s responsibility to ensure that the correct file was uploaded. Submissions of wrong files will be categorized as a late assignment.

**Corrupted file submission policy:** It is the student’s responsibility to ensure that a working file was uploaded. Submissions of corrupted files will be categorized as a late assignment.

**Policy on Make-Up Exams:**

If you miss an examination because of an illness or legitimate emergency, you must contact the instructor within 48 hours to arrange a time to make-up the missed test. The student must present evidence of the illness or emergency that caused the student to miss the test. If the student misses an exam for any other reason, the student may be prohibited from taking a make-up exam. Make-up exams may differ from the original test with regards to questions but content will remain the same.

**No retests will be given for any reason.**

**ACADEMIC DISHONESTY**

- Students involved in academic dishonesty will receive an "F" grade for the course.
- Academic dishonesty includes cheating on exams and plagiarism.
- Work submitted by a student must be the student’s own work. The work of others should be explicitly marked, through use of quotes or summarizing with reference to the original author.
In this class, students who commit academic dishonesty, cheating or plagiarism will have the following consequence(s):
- Students will receive a failing grade for plagiarized assignments and for cheating on an exam.
- All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs. See the most recent course catalog for a description of the University’s policies concerning academic dishonesty.

Proctored QUIZZES
The exams in this course may be proctored via Loom or they may be unproctored via Laulima. Most exams and quizzes will be timed.

Program Information

Program Learning Outcomes
After completing the Veterinary Technology program, students will be able to:

- Effectively communicate with clients and veterinary staff
- Perform routine business transactions and maintain patient and facility records
- Ensure the safety of patients, clients, and staff and maintain compliance with regulatory agencies
- Identify common breeds of companion animals, list their nutritional requirements and husbandry needs, and describe the anatomy and functions of major body systems
- Assist with physical exams and obtain patient histories
- Perform routine nursing procedures including first-aid, wound-management, and administration of medications and vaccines
- Develop a working knowledge of common companion animal diseases and their medical treatments
- Collect biological samples and perform diagnostic laboratory tests
- Assist with surgical procedures and dental cleaning

- **Student Handbook** - for your reference a copy of the Student Handbook has been uploaded to the ANSC 271 Google Drive

Student Responsibilities
The student is expected to attend class meetings, participate in all course activities, and complete all examinations and course assignments on time. Please be considerate of the instructor and other students by turning off cell phones during Zoom class and by engaging professionally. Any changes in the course schedule, such as examination dates, deadlines, etc., will be announced ahead of time in class or on the Laulima website. It is the student’s responsibility to be informed of these changes. It is the student’s responsibility to be informed about deadlines concerning registration (e.g., last day for withdrawal).
Institutional Information

**DISABILITIES ACCOMMODATIONS**

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Accessibility Counselor to discuss reasonable accommodations that will help you succeed in this class. Jodi Asato can be reached at (808) 235-7472, jodiaka@hawaii.edu, or you may stop by Hale Kāko'o 105 for more information.

**SEX DISCRIMINATION AND GENDER-BASED VIOLENCE RESOURCES (TITLE IX)**

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, as well as receive information and support, please contact one of the following:

Karen Cho, Deputy Title IX Coordinator  
Phone: 808-235-7404  
Email: kcho@hawaii.edu

Desrae Kahale, Confidential Resource  
Phone: 808-235-7393  
Email: dkahale3@hawaii.edu

Jojo Miller, Confidential Campus Advocate  
Phone: 808-348-0663  
jojo.miller@hawaii.edu

Leslie Cablingabang, Senior Confidential Advocate  
Phone: 808-348-0432  
leslie.cablingabang@hawaii.edu

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.

For more information regarding sex discrimination and gender-based violence, the University's Title IX resources and the University's Policy, Interim EP 1.204, go to manoa.hawaii.edu/titleix/
ALTERNATE CONTACT INFORMATION

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alaka‘i 121
- Phone: (808) 235-7422

WINDWARD COLLEGE FALL ACADEMIC CALENDAR:

<table>
<thead>
<tr>
<th>EVENT DETAILS</th>
<th>FALL 2022</th>
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<tbody>
<tr>
<td>First Day of Registration - Continuing Students**</td>
<td>April 4, 2022</td>
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<tr>
<td>First Day of Registration - New/Returning/Transfer Students**</td>
<td>April 11, 2022</td>
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<tr>
<td>Deadline for Admission Application</td>
<td>August 8, 2022</td>
</tr>
<tr>
<td>HOLIDAY: New Year’s Day (Observed)</td>
<td>N/A</td>
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<tr>
<td>Official Faculty Duty Start Date (9-month faculty)</td>
<td>August 15, 2022</td>
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<tr>
<td>Official Faculty Duty Start Date (New 9-month faculty)</td>
<td>N/A</td>
</tr>
<tr>
<td>Tuition/Fees Payment Due</td>
<td>August 18, 2022</td>
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<tr>
<td>HOLIDAY: Statehood Day</td>
<td>August 19, 2022</td>
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<tr>
<td>Last Day of Regular Registration</td>
<td>August 21, 2022</td>
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<tr>
<td>First Day of Instruction*</td>
<td>August 22, 2022</td>
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<tr>
<td>In-Person Add/Drop Fee Begins*</td>
<td>August 22, 2022</td>
</tr>
<tr>
<td>Late Registration/Fee Begins</td>
<td>August 22, 2022</td>
</tr>
<tr>
<td>HOLIDAY: Dr. Martin Luther King Jr. Day</td>
<td>N/A</td>
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<tr>
<td>HOLIDAY: Memorial Day</td>
<td>N/A</td>
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<tr>
<td>Last Day to Add/Late Register*</td>
<td>August 30, 2022</td>
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<tr>
<td>Last Day for 100% Refund*</td>
<td>August 30, 2022</td>
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<tr>
<td>HOLIDAY: Labor Day</td>
<td>September 5, 2022</td>
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<tr>
<td>Last Day for 50% Refund*</td>
<td>September 13, 2022</td>
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<tr>
<td>Last Day to Withdraw without a &quot;W&quot; Grade*</td>
<td>September 13, 2022</td>
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<tr>
<td>HOLIDAY: King Kamehameha I Day</td>
<td>N/A</td>
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<tr>
<td>HOLIDAY: Presidents’ Day</td>
<td>N/A</td>
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<td>Excellence in Education Day</td>
<td>N/A</td>
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<tr>
<td>Spring Recess</td>
<td>N/A</td>
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<tr>
<td>HOLIDAY: General Election Day</td>
<td>November 8, 2022</td>
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<tr>
<td>HOLIDAY: Prince Jonah Kūhiō Kalaniana’ole Day</td>
<td>N/A</td>
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<tr>
<td>Last Day to Withdraw with a &quot;W&quot; Grade*</td>
<td>October 31, 2022</td>
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<tr>
<td>Last Day to Establish credit/no-credit and audit options*</td>
<td>October 31, 2022</td>
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<tr>
<td>Last Day to Make up an &quot;I&quot; Grade from previous semester</td>
<td>October 31, 2022</td>
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<tr>
<td>HOLIDAY: Veterans’ Day</td>
<td>November 11, 2022</td>
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<tr>
<td>HOLIDAY: Thanksgiving Day</td>
<td>November 24, 2022</td>
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<tr>
<td>Non-Instructional Day</td>
<td>November 25, 2022</td>
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<tr>
<td>HOLIDAY: Good Friday</td>
<td>N/A</td>
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<tr>
<td>Commencement Program Deadline</td>
<td>N/A</td>
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<tr>
<td>Last Day to Certify for Graduation/Diploma Application</td>
<td>December 8, 2022</td>
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<tr>
<td>Last Day of Instruction*</td>
<td>December 8, 2022</td>
</tr>
<tr>
<td>Exam Period Begins</td>
<td>December 10, 2022</td>
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<tr>
<td>Exam Period Ends</td>
<td>December 16, 2022</td>
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<tr>
<td>Last Day of the Semester</td>
<td>December 16, 2022</td>
</tr>
<tr>
<td>Commencement</td>
<td>N/A</td>
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<tr>
<td>HOLIDAY: Independence Day (Observed)</td>
<td>N/A</td>
</tr>
<tr>
<td>Grades Due*</td>
<td>December 20, 2022</td>
</tr>
<tr>
<td>Faculty Duty End Date (9-month faculty)</td>
<td>N/A</td>
</tr>
<tr>
<td>HOLIDAY: Christmas (Observed)</td>
<td>December 26, 2022</td>
</tr>
</tbody>
</table>

Non Instructional Holidays
- 09/05/22 – Labor Day
- 11/11/22 – Veterans Day
- 11/24 & 25 – Thanksgivign
ANSC 271 FALL Schedule: Subject to Change

Note: Besides the readings in textbooks, other resources may be added for additional information, they will be uploaded to the Shared Student Google Drive usually in the folder of the content for that academic week.

Week 1: August 22: Introduction/Syllabus
Topics: Introduction to aseptic technique and surgical preparation; tasks of each surgical team member
Reading: Small Animal Surgical Nursing (Tear): pages:
   3rd Edition pp: 2-4, 14-18, 38-39, 68-83, Chapters 5,6,7
   4th Edition pp: 1-10, 72-86, Chapters 7,8,9
Lectures: 1-01, 1-02, 1-03

Week 2: August 29: Anesthesia Machine & Surgical supplies
Topics: Introduction to the anesthesia machine & Surgical Supplies
Reading:
Small Animal Surgical Nursing (Tear): pages:
   3rd Edition pp: 4-14, 18-39
   4th Edition pp: 34-44, 12-33
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): Chapter 4
Lectures: 2-04, 2-05
HW – 1 due by 11:59 pm 08/29

Week 3: Monday, September 5: HOLIDAY – Labor Day
   : Preoperative prep & Patient Evaluation
Topics: Preoperative prep & Patient Evaluation
Reading:
Small Animal Surgical Nursing (Tear): pages:
   3rd Edition pp: 57-68, Chapter 2
   ***Pages 49-55 is an overview. The student will be assessed over the material when covered in week 5.***
   4th Edition pp: 61-72, Chapter 4
   ***Pages 53-58 is an overview. The student will be assessed over the material when covered in week 5.***
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): pp: 7-33
Lecture: 3-6
HW – 2 due by 11:30 pm 09/06
Quiz – 1: Loom : due by 11:59 pm on 09/08
**Week 4: September 12: Anesthetic Monitoring & Equipment**  
**Topics:** Anesthetic Monitoring & Equipment; including EKG/ECG Basics  
**Reading:**  
Small Animal Surgical Nursing (Tear): pages:  
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): Chapter 6  
Supplement: Summary of Anesthetic Periods, Stages and Planes  
Lectures: 4-07, 4-08, 4-09, 4-10, 4-11  
HW – 3 due by 11:59 pm on 9/12

**Week 5: September 19: Anesthetic drugs**  
**Topics:** Introduction to Premedication and Sedation/analgesics  
**Reading:**  
Small Animal Surgical Nursing (Tear): pages:  
  - 3rd Edition pp: 49-55  
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): Chapter 1, pps 52-72  
Supplements: Receptor Cellular Activity, Controlled Substances, Alpha-2’s, Analgesics/Analgetics  
Lecture: 5-12  
HW – 4 due by 11:59 pm on 09/19  
Quiz – 2 : Loom : due 11:59 pm on 09/22

**Week 6: September 26: IV Induction agents & Inhalants**  
**Topics:** Induction to IV Induction Agents & gas anesthetic agents  
**Reading:**  
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche) pps; 72-92  
Lectures: 6-13, 6-14  
HW-5 due by 11:59 pm on 09/26

**Week 7: October 3: Complications**  
**Topics:** Anesthetic complications  
**Reading:**  
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): Ch. 13  
HW – 6 due by 11:59 pm on 10/03  
Quiz – 3 by 11:59 pm on 10/06  
Lectures: 7-15, 7-16
Week 8: October 10 & 13
Topics: Catch up, review on Monday the 10th;
Exam – 1 : Loom : due by 11:59 pm on 10/13

Week 9: October 17: Fluids
Topics: IV Fluids, Blood transfusions
Reading:
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): pp. 33-49
Supplement: Fluid Therapy Calculations
Lectures: 9-17, 9-18
HW – 7 due by 11:59 pm on 10/17
Quiz – 4 : Loom : due by 11:59 pm on 10/20

Week 10: October 24: Pain Management
Topics: CRI, Pain Management, Rehabilitation
Reading:
Small Animal Surgical Nursing (Tear): pages:
  3rd Edition : Chapter 10
  4th Edition : Chapter 12
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche): Chapter 8
Supplement: CRI Calculations and Practice Problems
Lectures: 10-20, 10-21, Rehabilitation Reading
HW – 8 due by 11:59 pm on 10/24

Week 11: October 31: Post-op, Wounds, and Workplace Safety
Topics: Post-Operative Care & Cleaning, Wounds, Surgeries, Workplace safety
Reading:
Small Animal Surgical Nursing (Tear): pages:
Anesthesia & Analgesia for Veterinary Technicians (Thomas / Lerche) : Ch. 5
Lectures: 11-22, 11-23, 11-24, 11-25
HW – 9 due by 11:59 pm on 10/31
Quiz – 5 : Loom : due 11:59 pm

***Weeks 12-16: Tear Readings and Supplements***
See Next
**Week 12: November 7**

**Topics:** Urogenital Surgeries

**Reading:**

Small Animal Surgical Nursing (Tear): pages:

Castration (dog vs. cat)
Ovariohysterectomy (dog vs. cat)
Cesarean section
Pyometra
Urethral Obstruction (blocked cat)
Cystotomy - Bladder Stones

HW – 10 due by 11:59 pm on 11/07

**Week 13: November 14**

**Topics:** Gastrointestinal / Associated Structures surgeries

**Reading:**

Small Animal Surgical Nursing (Tear): pages:
- *3rd Edition* pp: 130-144, 267

GDV
Intussusception
GI Foreign Body
Protosystemic Shunt
Splenectomy

HW – 11 due by 11:59 pm on 11/14
Quiz – 6 : Loom : by 11:59 pm on 11/17

**Week 14: November 21**

**Topics:** Integumentary / Ear / Eye surgeries

**Reading:**

Small Animal Surgical Nursing (Tear): pages:

Anal Sacculectomy
Aural Hematomy
Entropion
Lateral Ear Canal Resection
Prolapsed Gland of the Nictitans
Wound Closure

HW-12 Due by 11:59 pm on 11/21
**Week 15: November 28**

**Topics:** Orthopedic / Neurologic Surgeries

**Reading:**

Small Animal Surgical Nursing (Tear): pages:

Cranial Cruciate Repair
Femoral Fracture
Femoral Head Osteotomy
Forelimb Amputation
IVDD
Onychectomy (declaw and dewclaw removal)
Tail Amputation
HW – 13 due by 11:59 pm on 11/28

**Week 16: December 5**

**Topics:** Fiber Optic Equipment and Minimally Invasive Procedures

Catch up, review on Monday the 6th;

**Reading:**

Small Animal Surgical Nursing (Tear): pages:
- 3rd Edition pp: 179-205

Lecture: 16-26

HW – 14 due by 11:59 pm on 12/05
Exam – 2: Loom: due by 11:59 pm 12/08

**Week 17: Final Exam**

Finals’ week:

**DETAILED Assessments and Grading SCHEDULE (Subject to Change)**

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Point Value</th>
<th>Topic</th>
<th>Date/Due</th>
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<tbody>
<tr>
<td>HW – 1</td>
<td>30 points</td>
<td>Week 1 Reading Assignments</td>
<td>08/29</td>
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<tr>
<td>HW – 2</td>
<td>30 points</td>
<td>Week 2 Reading Assignments</td>
<td>by 09/06</td>
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<td>HW – 3</td>
<td>30 points</td>
<td>Week 3 Reading Assignments</td>
<td>09/12</td>
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<td>HW – 4</td>
<td>30 points</td>
<td>Week 4 Reading Assignments</td>
<td>09/19</td>
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<td>HW – 5</td>
<td>30 points</td>
<td>Week 5 Reading Assignments</td>
<td>09/26</td>
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<td>HW – 6</td>
<td>30 points</td>
<td>Week 6 Reading Assignments</td>
<td>10/03</td>
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<td>HW – 7</td>
<td>30 points</td>
<td>Week 7 Reading Assignments</td>
<td>10/17</td>
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<td>HW – 8</td>
<td>30 points</td>
<td>Week 9 Reading Assignments</td>
<td>10/24</td>
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<td>HW – 9</td>
<td>30 points</td>
<td>Week 10 Reading Assignments</td>
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<td>30 points</td>
<td>Week 11 Reading Assignments</td>
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<td>HW – 11</td>
<td>40 points</td>
<td>Week 12 Reading Assignments</td>
<td>11/14</td>
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<td>HW – 12</td>
<td>40 points</td>
<td>Week 13 Reading Assignments</td>
<td>11/21</td>
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<td>HW – 13</td>
<td>40 points</td>
<td>Week 14 Reading Assignments</td>
<td>11/28</td>
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<td>HW – 14</td>
<td>40 points</td>
<td>Week 15 Reading Assignments</td>
<td>12/05</td>
</tr>
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Subtotal 460 points
| Quiz – 1 | 30 points | Lectures Weeks 1&2  |
|          |           | Lectures 1-01, 1-02, 1-03, 2-04, 2-05 |
|          |           | Lectures Weeks 3&4  |
|          |           | Lectures 3-06, 4-07, 4-08, 4-09, 4-10, 4-11 |
|          |           | Lectures Weeks 5&6  |
|          |           | Lectures 5-12, 6-13, 6-14 |
|          |           | Lectures Week 7  |
|          |           | Lectures 7-15, 7-16 |
|          |           | Lectures Weeks 9&10  |
|          |           | Lectures 9-17, 9-18, 10-19, 10-20, 10-21 (Reading) |
|          |           | Lectures Weeks 11  |
|          |           | Lectures 11-22, 11-23, 11-24, 11-25 |
| Subtotal | 180 points |
| Exam 1   | 100 points | HW 1-6 / Quizzes 1 – 3  |
|          |           | 10/13 |
| Exam 2   | 100 points | HW 7-14 / Quizzes 4 – 6  |
|          |           | 12/08 |
| Final Exam | 200 points | All Content: |
|          |           | Including week 16 |
|          |           | Readings & Lecture |
| Subtotal | 400 points |
| Attendance | 60 points |
| TOTAL | 1100 points |