ANSC 271L: Anesthesiology and Surgical Nursing for Veterinary Technicians
CRN 63310 and CRN 63313

Instructor: Carolyn Naun, DVM
Assistant: Kathleen Baxter, RVT
Office: Hale Nauauao 141
Office Hours: Tuesday 9-10am, Wed and Thurs 1:30-2:30pm or by appointment
Office phone number: 236-9241
Email: cnaun@hawaii.edu
Effective Date: Spring 2015

Catalog Description

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. (6 hours laboratory)

Pre-Requisite(s): Admission in the Veterinary Technology program.

Co-Requisite(s): Co-registration in ANSC 271.

Activities Required at Scheduled Times Other than Class Times: Students will be expected to rotate through some duties outside of the scheduled class time. These will include arriving fifteen minutes prior to the beginning of lab to help admit patients and set up; staying after lab to clean up; and possibly returning between 4-6pm to help discharge patients. Expect to be assigned to each of these duties approximately three times. If fulfilling one of these obligations represents an undue hardship, arrangements for accommodations and alternative duty must be made with the instructor by the second week of class.

Students should also note that although the laboratory session is scheduled to conclude at 1:30pm, this is a patient care situation and running late is very common. Students will be required to stay until all their responsibilities for the day are taken care of. Excuses will not be granted for scheduled work, meetings, classes or other commitments. It is suggested that you plan for the lab to take the entire day to avoid having to reschedule other obligations.
Student Learning Outcomes

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

- Understand the proper operation of anesthetic delivery equipment and monitoring instruments.
- Explain all aspects of anesthetic monitoring.
- Understand and integrate all aspects of patient management for common surgical procedures in companion animal species.
- Identify and provide appropriate instruments, supplies and environment to maintain asepsis during surgical procedures.
- Demonstrate understanding of routine surgical procedures including surgeries in these categories: ovariohysterectomy, cesarean section, orchiectomy, laparotomies, and orthopedic procedures.

Course Content

- Anesthesia and Anesthetic Monitoring
- Surgical Instruments
- Aseptic Technique
- Surgical Nursing
- Pain Management
- Large Animal Surgical Nursing
- Fluid Therapy
- Transfusion Medicine
- Types of Veterinary Surgery

Course Tasks

- Attend labs weekly as scheduled
- Be familiar with lecture content and other course materials prior to coming to lab
- Complete all required assignments
- Complete all required skills for the course
- Take the midterm laboratory practicum

Assessment Tasks and Grading

METHOD OF GRADING – ANSC 271L

In order to receive a passing grade for ANSC 271L, the student must do all of the following, no exceptions:

- Complete all required assignments
- Take all assessments/practicum
- Have all required clinical skills for the laboratory section in the Accreditation Manager checked off
POINT VALUES

- Employability Skills and Work Ethic (see section under “student responsibilities”) – 100 points
- Clinical Skills – 100 points
- Laboratory exercises and assignments – 100 points
- Practicum – 100 points

Clinical Skills: Students will be graded on clinical competency and improvement throughout the course. Some of the criteria for this score include:

- Performs skills competently and fluently
- Has good knowledge base for skills
- Shows improvement
- Is organized and ready to go
- Does calculations correctly

Assignments: Assignments will be given throughout the course. Each assignment will be clearly labeled if it is required, optional, take-home or in lab, point value etc. Unannounced quizzes may be administered at the beginning of lab to determine whether the student has the necessary knowledge to do a procedure.

Exams: A midterm practicum will be given with a total point value of 100. Identification and proper use of surgical instruments, proper set up of the anesthesia machine and ventilator, and other skills will be covered.

GRADING SCALE
Total Points and Grade Equivalent

\[
\begin{align*}
> &= 360 & \text{A} \\
320-359 & \text{B} \\
280-319 & \text{C} \\
240-279 & \text{D} \\
<240 & \text{F}
\end{align*}
\]

Policy on Make-Up Exams:
Students must take the practicum at their scheduled time. Make-Ups cannot be offered. 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. See the 2014-2015 course catalog for a description of the University’s policies concerning academic dishonesty.
Student Responsibilities

• 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 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).
• Communication: The instructor will communicate with students through email, the Laulima website and announcements in lab. It is the student’s responsibility to be informed of any announcements made when the student is absent.
• It is the student’s responsibility to obtain copies of any assignments handed out when the student is absent.
• It is the student’s responsibility to be aware of and follow all rules, policies and procedures as stated in this syllabus, the laboratory handbook, signs posted in the Annex, the WCC Vet Tech Student Handbook (see additional information below), or via other written communication by the instructor. Failure to follow rules, or any UH/WCC policies, will result in a point deduction or failure of the course, as determined by the instructor. The instructor reserves the right to change, modify or add to rules during the semester if deemed necessary. Students will be notified in writing of any changes.
• The student is expected to attend each laboratory session in its entirety (until dismissed by the instructor), participate in all course activities, and complete all examinations and course assignments on time. Cell phones are not to be used during the laboratory unless being utilized directly for patient care (i.e. to look things up, use the calculator or timer, etc.).
• Students MUST wear close-toed shoes. In addition, some lab activities will require students to wear gloves, face masks, and safety glasses (provided by the college). Scrubs are required at all times. Students failing to dress appropriately for lab will not be permitted to participate in laboratory exercises and will be considered absent.
• Students engaged in conduct that threatens themselves or others in the lab will be refused access to the lab for the remainder of the semester and receive an “F” grade for the course.
• Students are expected to be familiar with and follow the Standard Operating Procedures of the WCC Veterinary Technology Program. Violations of the SOP will result in a point deduction from the student’s overall grade for the course. The instructor may also give demerits for such violations as provided for in the Student Handbook.
  o Minor violation – 10 point deduction
  o Major violation – 50 point deduction
  o Second major violation or more than 3 minor violations – “F” grade for course

The student and the Program Director will be notified in writing of any violation resulting in a point deduction.
Employability Skills and Work Ethic

Points will be awarded based on subjective assessment of the student’s ability to work well with others, maintain a respectful demeanor toward peers and instructors, and fulfill responsibilities.

Behaviors evaluated for this assessment include but are not limited to:

- Takes initiative for own learning.
- Helps out other team members
- Treats all members of the team with respect and courtesy
- Arrives for laboratory promptly and ready to go
- Responds cheerfully when asked to do a task
- Acts professionally and does not complain, gossip or talk about others in the profession (in or outside the program) during class or laboratory
- Accepts constructive criticism
- Follows instructions
- Asks for help or clarification when needed

The final score is completely at the discretion of the instructor; however, students will receive written feedback at the end of the course to provide an opportunity for self-improvement.

Attendance Policy

Attendance to the laboratory is mandatory. If a student has an emergency or is too ill to come to lab, they must contact the instructor and at least one team member as soon as possible. Contact information will be shared on the first day of class and it is the student’s responsibility to keep this information if needed. A doctor’s note or other documentation of extenuating circumstances will be required for a second absence. Students missing more than two laboratory sessions will be given an “F” grade for the course.

Tracking. Attendance will be monitored using AVIIMark software this semester. Training will be given on the first day of lab. It is the student’s responsibility to remember to clock in and out of lab.

Tardiness. Students arriving more than ten minutes late (after 8:40am) must contact the instructor and a team member as soon as they know they will be late. It is up to the student to make up the missed work to teammates (i.e. take on an extra duty). The team should discuss with the instructor if an agreement cannot be reached.

Penalties

<table>
<thead>
<tr>
<th>Failure to contact team and instructor in case of absence or tardiness</th>
<th>20pts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failure to provide documentation for second absence</td>
<td>50 pts</td>
</tr>
<tr>
<td>Failure to show for admissions (8:15) or stay for clean-up duties</td>
<td>75pts</td>
</tr>
<tr>
<td>More than two minor (less than ten minutes) tardies</td>
<td>10ptseach</td>
</tr>
<tr>
<td>More than one major (more than ten minutes) tardy</td>
<td>30 pts each</td>
</tr>
</tbody>
</table>

BREAKS: Students are allowed to take short breaks for a maximum of 15 minutes during the laboratory session to eat, smoke, use the restroom etc. provided all of the following conditions are met:
• There are no outstanding duties that need to be completed by the student’s laboratory group at the moment
• The student notifies the instructor or instructor’s assistant AND at least one laboratory partner where they will be
• Failure to follow this procedure will result in a 20 point reduction from the grade

Learning Resources

REQUIRED:


RECOMMENDED:


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.

Additional Information

Laulima: Your instructor has created a Laulima website to accompany this course. This website contains lecture outlines, copies of course forms and syllabi, and links to on-line learning resources. Students enrolled in ANSC 271/271L are automatically enrolled in the ANSC 271/271L Laulima website. To access, go to https://laulima.hawaii.edu/portal. Login using your UH username and password and click on ANSC 271/271L.

DISABILITIES ACCOMMODATION STATEMENT

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 Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale ‘Akoakoa 213 for more information.