

The University of Findlay

Spring 2020

The mission of The University of Findlay is to equip our students for meaningful lives and productive careers.

Course Number: ANSC441: Veterinary Surgical Nursing

Credit Hours: 2

Class Time/Place: Loop Abroad Thailand; February 5, 9-14, 2020

Prerequisites, Co-requisites and Course Description:

This course takes place off-site as we run a 4-day, high volume, spay/neuter clinic from start to finish. The setting will allow for a lot of hands-on practice and observation and will expose you to the skills and concepts of working as a veterinary technician or veterinary assistant in a surgical setting.

Instructor: Erica Ward, DVM; Lori Bidwell, DVM, DACVA

Instructor Contact Information: Erica@loopabroad.com, (617) 412-1743

Office Hours: upon request

Course Objectives:

The following Learning Objectives will be addressed or assessed as part of the course:

- **Remember** and recall the specifics steps in performing patient preparation, surgical anesthesia, and recovery during veterinary surgical procedures.
- **Remember** normal ranges for physical exam findings and patient monitoring values for dogs and cats.
- **Understand** the steps in emergency resuscitation and emergency protocols during anesthesia.
- **Apply** knowledge of anatomy and physiology to place catheters, intubate patients, and monitor anesthesia.
- **Apply** knowledge gained to provide post-operative care for dogs and cats recovering from a procedure.
- **Apply** information and knowledge gathered to complete anesthetic records.
- **Analyze** problems that were encountered each day to identify ways to detect, prevent, and manage them in a safe way.

- **Evaluate** information gathered during patient monitoring to determine the plane of anesthesia for the patient and adjust accordingly.
- **Create** anesthetic plans for healthy, aggressive, compromised companion animals.
- **Create** a fluid plan and calculate and administer drug doses to patients before during and after surgery.

Required Textbooks and Other Materials:

- Loop Abroad’s: Veterinary Surgical Nursing Course Pack
- Optional: Small Animal Surgical Nursing, 2nd ed. Tear, Mosby, 2011.
- Each day, please plan to bring the following materials with you in a day pack, backpack, or tote bag: scrubs, close-toed shoes, class session materials (case log, notes, notebook and/or laptop, writing utensils, etc.), wristwatch, snacks, refillable water bottle, and insect repellent.
- You should wear closed-toed shoes and scrubs each day. Your clothes may get dirty or ripped. Please keep fingernails short enough that you can safely wear gloves and avoid rings and bracelets (or plan to take them off each day).

Instructional Strategies:

Case Analysis		Library and Internet Research	
Debate		Practice/drill	x
Discovery/Independent Research	x	Problem-solving	x
Discussion/Questioning/Interviewing	x	Reading assignments	
Experiential Learning	x	Role-playing/simulation games	
Field Experience	x	Service Learning	
Group Presentation		Video/Audio Review and Critique	
Laboratory Experiences	x	Other	
Lecture	x		

Methods of Assessment: Your course grade will be determined as follows:

Abstracts		Participation	x
Attendance	x	Peer Evaluation	
Capstone Project		Portfolio	

Case Study		Portfolio Lab Performance	
Exams		Presentations	
Group Projects		Professional Evaluation	x
Homework Assignments	x	Quizzes	
Internet Research		Research project	
Journaling		Other	
Lab Performance	x		
Oral/written review of literature			

Grading: Your course grade will be determined as follows:

Homework Assignments: 20%

Medical Record Keeping: 35%

Participation and Performance: 45%

Grading Scale/Distribution:

<u>Grade</u>	<u>Points</u>	<u>Grading Scale</u>
A	4.00	93-100
A-	3.67	90-92
B+	3.33	87-89
B	3.00	83-86
B-	2.67	80-82
C+	2.33	77-79
C	2.00	73-76
C-	1.67	70-72
D+	1.33	67-69
D	1.00	63-66
D-	0.67	62-60
F	0.00	below 60
U	0.00	

University Honor Code:

Each and every student of the University will adhere to the following Honor Code:

“I will not knowingly engage in any dishonorable behavior, cheat, steal, lie, or commit any act of plagiarism during any academic work, course, or endeavor. If I observe an act which I believe violates the University’s Honor Code, I may, at my discretion, report it to the appropriate personnel.”

Student Acknowledgement of University Honor Code:

"I acknowledge that I have fully complied or will comply with all aspects of the University's Honor Code in submitting this work."

Student Rights and Responsibilities Statement, Article VIII-Academic Integrity:

<http://catalog.findlay.edu/en/current/Undergraduate-Catalog/Student-Rights-and-Responsibilities-Statement/VIII-Academic-Integrity>

University Diversity Statement:

As part of our commitment to achieve excellence, the University of Findlay values and actively promotes a welcoming and supportive environment that honors the many aspects of diversity. We aspire to foster acceptance of, respect for, and appreciation of all persons in our campus community. We celebrate our commonalities and unique differences, and we acknowledge that diversity broadens learning, stimulates creativity, promotes the exchange of ideas, and prepares our students for meaningful lives and productive careers.

Course Policies and Practices:Attendance and Participation Policy

Students are expected to attend all class meetings for which they are registered. This is regarded as a matter of individual student responsibility. The only excused reasons for absences will be illness that impairs the ability to attend and function within the classroom setting or an unavoidable personal emergency.

Students are expected to attend all class sessions on all days of class. It will be the responsibility of the student to contact the course instructor or site director, preferably before the absence, to provide the appropriate documentation and verification for the reason for the absence, and to make arrangements with the course instructor for missed work. Students are responsible for all missed class material. Students may be subject to limited participation in hands-on practice at the instructor's discretion if they have missed the underlying material needed to safely perform the task at hand.

Special Services: If you are a student with a disability, it is your responsibility to inform your instructor and register with the Office of Disability Services (ods@findlay.edu) at least one week prior to a needed service so reasonable accommodations can be made.

Course and Instructor Evaluation: Each student is expected to complete the course and instructor evaluation which is sent electronically to the student by the Office of the Registrar. The electronic notification comes in the form of an e-mail from the UF Registrar's Office with the following subject line: Online survey for the designated course (e.g., BIOL 102).

Last Date of Attendance Policy: Instructors are required to indicate the last known date of attendance when a final grade of “F” or “U” is assigned to a student.

Tentative Course Outline:

Prior to the start of the practical experience of the spay/neuter clinic, there will be a compressive informative session to help prepare students to make the most of the experiences throughout the course. There will also be several learning sessions throughout the week.

Lecture 1: Orientation and Introduction to Anesthesiology

Lecture 2: Forms, Standard Operating Procedures, and Record-Keeping

Lecture 3: Physical Exams, Patient Preparation, and Handling

Lecture 4: Anesthetic Monitoring

Lecture 5: Mechanics of an Anesthesia Machine

Lecture 6: Respiratory Physiology

Lecture 7: Drugs and Pharmacology of Anesthesia

Lecture 8: Making an Anesthetic Plan (including fluids and pain management)

Lecture 9: Post-Operative Care and Complications

Lecture 10: Emergency Resuscitation and Emergency Protocols

Lecture 11: Special Topics in Anesthesia

The four-day spay-neuter clinic will run Monday through Thursday 7:30am- 4:30pm.