

Cover Sheet: Request 14262

VEM 5402L

Info

Process	Course New Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Amanda Larson smithal@ufl.edu
Created	9/20/2019 3:39:55 PM
Updated	10/7/2019 10:03:03 AM
Description of request	A modification request has been submitted for VEM 5402. The course was originally implemented as a combination course (though we cannot find any C designation to this course since 1980). The faculty coordinating this course have requested to split the course into VEM 5402 as the lecture portion and creating this course, VEM 5402L as the lab portion. Instead of a 2-credit course, each course would be 1 credit each.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	VM - Small Animal Clinical Sciences 312809000	Christopher Adin	This course was approved by SACS faculty vote in May 2018, based on department meeting minutes	10/7/2019
VEM 5402 Lab Syllabus 2019.docx					9/20/2019
College	Approved	VM - College of Veterinary Medicine	Juan Samper		10/7/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			10/7/2019
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|New for request 14262

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Submitter: Amanda Larson smithal@ufl.edu

Created: 11/12/2019 2:06:13 PM

Form version: 2

Responses

Recommended Prefix VEM

Course Level 5

Course Number 402

Category of Instruction Introductory

Lab Code L

Course Title Introduction to Surgery Lab

Transcript Title Intro to Surg - Lab

Degree Type Professional

Delivery Method(s) On-Campus

Co-Listing No

Effective Term Spring

Effective Year 2020

Rotating Topic? No

Repeatable Credit? No

Amount of Credit 1

S/U Only? No

Contact Type Regularly Scheduled

Weekly Contact Hours 7

Course Description This hands-on laboratory introduces students to the basics skills utilized in all surgical procedures.

Under the guidance of veterinary surgeons, students will learn and practice surgical scrubbing, gowning, gloving, suturing, proper instrument use and techniques for commonly performed procedures in veterinary medicine.

Prerequisites Student must be in their second year of the DVM program and in good academic standing.

Co-requisites VEM 5402

Rationale and Placement in Curriculum This course is currently offered as a combined course with lecture and lab to aid veterinary students in their surgical knowledge and skill. The faculty involved in the course find it will be beneficial to split the course. A benefit to this split would also be that the students would be able to receive separate grades in each course. This may help students that may excel in one area (technical skills versus book learning) and receive separate course grades to reflect so. I have talked to a number of students who liked this idea and wanted separate grades in lecture versus lab. Additionally, currently, we are required to close evaluations prior to the final exam. So for this course (VEM 5402), lecturers may be evaluated for the lecture part, but their participation and work in labs is not evaluated. Also, there are a number of additional faculty who assist with the labs but presently are not evaluated. This would give the students an opportunity to evaluate those who assist with labs and also allow those faculty to receive feedback in regards to laboratory teaching.

Course Objectives The purpose of this course is to educate veterinary students in the following areas:

1. Basic surgical principles and techniques.
2. Instruction in the development of fundamental operative skills.
3. Current concepts in the pathophysiology and management of various conditions that require surgery.
4. Preoperative and postoperative management of surgical patients.

Course Textbook(s) and/or Other Assigned Reading • Course Notes, SCAVMA

- Small Animal Surgery, Fossum, T.W. Mosby, 3rd Edition
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Small Animal Surgery, Fossum, T.W. Mosby, 4th Edition

Weekly Schedule of Topics

Lab 1 - GROUP A

1/15/2019 Aseptic Technique and Instrument Pack Preparation

Lab 1 – GROUP B

1/17/2019 Aseptic Technique and Instrument Pack Preparation

Lab 2 – GROUP B

1/22/2019 Surgical Knots, Hand Ties and Suturing Patterns

Lab 2 – GROUP A

1/24/2019 Surgical Knots, Hand Ties and Suturing Patterns

1/29/2019

Lab 3 – GROUP A

Skin Suture Patterns

Lab 3 – GROUP B

1/29/2019 Skin Suture Patterns

01/31/19

Lab 4 - Practical Examination

Lab 5 – GROUP A

2/5/2019 SynDaver Gastrotomy
Enterotomy,

Resection & Anastomosis

Lab 5 – GROUP B

2/7/2019 SynDaver Gastrotomy
Enterotomy,

Resection & Anastomosis

Lab 6 - GROUP B

Introduction to Live Animal Spay/Neuter

2/12/2019 Labs

Lab 6 - GROUP A
2/14/2019 Introduction to Live Animal Spay/Neuter
Labs

Lab 7 - GROUP A
2/19/2019 Surgical Procedures: SynDaver Ovariohysterectomy

Lab 7 - GROUP B
2/21/2019 Surgical Procedures: SynDaver Ovariohysterectomy

Lab 8a
2/25/2019 Physical Examination and Restraint

Lab 8b
2/26/2019 Spay and Neuter Surgery

Lab 9a
3/4/2019 Physical Examination and Restraint

Lab 9b
3/5/2019 Spay and Neuter Surgery

Lab 10a
3/18/2019 Physical Examination and Restraint

Lab 10b
3/19/2019 Spay and Neuter Surgery

Lab 11a
3/25/2019 Physical Examination and Restraint

Lab 11b
3/26/2019 Spay and Neuter Surgery

Lab 12a
4/1/2019 Physical Examination and Restraint

Lab 12b
4/2/2019 Spay and Neuter Surgery

Lab 13a
4/8/2019 Physical Examination and Restraint

Lab 13b
4/9/2019 Spay and Neuter Surgery

Lab 14a
4/15/2019 Physical Examination and Restraint

Lab 14b
4/16/2019 Spay and Neuter Surgery

4/22/2019 Lab 15a
Physical Examination and Restraint

4/23/2019 Lab 15b
Spay and Neuter Surgery

4/29/2019 Lab 16a – Make-up
Physical Examination and Restraint

4/30/2019 Lab 16b – Make-up
Spay and Neuter Surgery

5/6/2019 Lab 17– Make-up
Physical Examination and Restraint

Lab 17 – Make-up
05/07/19 Spay and Neuter Surgery

Grading Scheme A 100% - 93.5%

A- < 93.5% - 89.5%
B+ < 89.5% - 86.5%
B+ < 86.5% - 83.5%
B- < 83.5% - 79.5%
C+ < 79.5% - 76.5%
C < 76.5% - 73.5%
C- < 73.5% - 69.5%
D+ < 69.5% - 66.5%
D < 66.5% - 63.5%

D- < 63.5% - 60.5%
F < 60.5% - 0.00%

Instructor(s) J. Brad Case, DVM, DACVS
Laboratory Course Coordinator

Alex Fox-Alvarez, DVM, DACVS
Laboratory Course Co-Coordinator

Cat Monger
VAB Laboratory Coordinator

Tom DeHaan
Laboratory Course Assistant

Jose Carvajal, DVM
Laboratory Teaching Assistant

UF CVM Surgical Faculty Members and Residents will vary each semester

Attendance & Make-up Yes

Accomodations Yes

UF Grading Policies for assigning Grade Points Yes

Course Evaluation Policy Yes

VEM 5402

INTRODUCTION TO SURGERY

University of Florida

College of Veterinary Medicine

J. Brad Case, DVM, DACVS
Laboratory Course Coordinator

Alex Fox-Alvarez, DVM, DACVS
Laboratory Course Co-Coordinator

Cat Monger
VAB Laboratory Coordinator

Tom DeHaan

Laboratory Course Assistant

Jose Carvajal, DVM

Laboratory Teaching Assistant

Spring 2019

VEM 5402 Introduction to Surgery

Laboratory Course
Coordinators: J. Brad
Case & Alex Fox-
Alvarez

Acknowledgments - Special thanks to Dr. Gary Ellison, Dr. J.R. Bellah, Mr. James Van Gilder, Dr. Chris Adin, and Ms. Linda Rose for the years of time and effort put into developing the course and typing course notes.

Course Objectives - the purpose of this course is to educate veterinary students in the
Original file: VEM 5402 Lab Syllabus 2019.docx

following areas:

1. Basic surgical principles and techniques.
2. Instruction in the development of fundamental operative skills.
3. Current concepts in the pathophysiology and management of various conditions that require surgery.
4. Preoperative and postoperative management of surgical patients.

You will not become accomplished surgeons as a result of your surgical laboratories but you will gain a command of basic surgical skills. Surgical competency will improve in subsequent surgery courses and clinical clerkships; however, major improvements will occur largely through post graduate self_education or specialty_training. The techniques we teach today may be outdated or contraindicated tomorrow but it is the overall hope of the surgical staff to provide you with a basis for critical thinking that will allow you the flexibility to approach each case according to its individual requirements.

Required Texts:

- Course Notes, SCAVMA
- Small Animal Surgery, Fossum, T.W. Mosby, 3rd Edition - on reserve in reading room
- Small Animal Surgery, Fossum, T.W. Mosby, 4th Edition - on reserve in reading room

Additional Reading: (On reserve in reading room.)

- Fundamental Techniques in Veterinary Surgery, Knecht, W. B. Saunders Pub. Co., 1987.
- Veterinary Surgery Small Animal Expert Consult 2nd Edition, Tobias, Johnston, Wiley, Blackwell
- Equine Surgery 4th Edition, Auer & Stick. WB Saunders.

Instructional Videos (on Canvas):

- Ovariohysterectomy and Orchiectomy
- Gowning & Gloving
- Knot Tying
- OR Table
- Pack Wrapping

Surgical Equipment and Instrumentation (provided by SCAVMA):

- a. surgical gown
- b. surgical gloves, cap, & mask
- c. Adson forceps, 1 x 2 tooth ("rat tooth") (1)
- d. Brown-Adson forceps (1)
- e. Debaquey tissue forceps (1)
- f. Spay hook ("Snook Hook")
- g. Periosteal elevator
- h. Army-Navy retractors (2)
- i. Senn retractors (2)
- j. scalpel handle #3 (2)
- k. scalpel handle #4 (1)
- l. Mosquito forceps, curved, (8)

- m. Carmalt forceps: straight (2), curved (3)
- n. Allis tissue forceps (2)
- o. Mayo-Hegar needleholders (3)
- p. O.R. scissors, sharp/blunt (1)
- q. Mayo scissors (1)
- r. Metzenbaum scissors, curved (1)
- s. Backhaus towel clamps (8)
- t. Gelpi retractor (1)
- u. instrument tray, 12" x 7" x 2"
- v. surgical towels (for draping) (4)

Required Equipment (provided by student)

- a. Stethoscope
- b. Rectal Thermometer

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Recommended Equipment (provided by student)

- a. Bandage scissors
- b. Mayo-Hager Needle Drivers
- c. Adson or Brown-Adson Thumb Forceps

Course content not covered in the textbook or the notes will be available on the course E- Learning website. To access the site go to <https://lss.at.ufl.edu/> , click on the “Continue” button under “e-Learning in Canvas” on the left side and log in with your Gatorlink username and password.

Practical Laboratory Exam

This will consists of instrument identification as well as demonstration of gowning and gloving techniques, demonstration of draping a surgery patient and demonstration of competency in with hand ties, one and two handed hand ties and instrument ties.

Laboratories

The laboratory portion of this course begins with practical lessons in instrumentation, aseptic technique, surgical knots and suturing. Your goal in these laboratory periods should be to learn as much as you can and to practice so you are capable of managing live animal surgery during the spay and neuter laboratories. They are your first surgical patients. We take this responsibility seriously and we expect that you will, as well.

- **Students with Disabilities**

“Students requesting special classroom or testing accommodations must first register with the Office of the Dean for Students and Instruction. This office will provide documentation to the student who must then provide this documentation to the Instructor at the time request for accommodation is made.”

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- **Evaluations**

You will be asked to evaluate all faculty lecturers who give at least 3 lectures. For the first time, this will be done electronically. We know these are tedious to do, but PLEASE MAKE THE EFFORT AS THESE ARE AN ESSENTIAL PART OF THE INSTRUCTOR’S EVALUATION PACKAGE. You will be asked to go to <http://www.evaluations.ufl.edu>, log on, select the course and make the evaluations. You will be reminded about this as the evaluation window approaches.

Course Grading

Practical Exam	50 pts
<u>Laboratory/Patient Care</u>	<u>50 pts</u>
Total Points	100 pts

VEM 5402 Grading Scale

Administrative Policies

We expect you to read and adhere to the guidelines set in the College of Veterinary Medicine Student Handbook regarding attendance, academic honesty, and professional behavior. It is your responsibility to follow them. You can access the digital version of the handbook by going to <https://vetmed-education.sites.medinfo.ufl.edu/files/2015/11/Student-Handbook-111915>

**INTRODUCTION TO SURGERY
VEM 5402
2019 LAB SCHEDULE**

Dr. J Brad Case - Course Coordinator & Dr. Penny Regier- Course Co-Coordinator
Cat Monger - Lab Coordinator and Thomas DeHaan – Lab Assistant

Date	Instructors	Time	
01/15/19	MJohnson, Coffman, Oramas Carvajal, SA OR Tech, DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Aseptic
01/17/19	MJohnson, Coffman, Oramas Carvajal , SA OR Tech DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Aseptic
01/22/19	Souza, McConkey, Townsend, ↑Carvajal DeHaan, Monger	1:00 - 3:50 PM VAB SURGERY TEACHING LAB	Surgic
01/24/19	McConkey, Townsend, MacArthur, Lewis, ↑ Carvajal, DeHaan, Monger	1:00 - 3:50 PM VAB SURGERY TEACHING LAB	Surgic
01/29/19	Case, Bascunan, McConkey, McClain, Carvajal, DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	
01/29/19	Case, Bascunan, McConkey ↑ Carvajal, DeHaan, Monger	3:00 - 4:50 PM VAB SURGERY TEACHING LAB	
01/31/19	Case, Bascunan, McConkey Carvajal, McClain, +SA OR Tech DeHaan, Monger	9:30 - 3:50 PM VAB SURGERY TEACHING LAB	Lab
02/05/19	Kim, Ellison, Souza Carvajal, ↑DeHaan, Monger	1:00 - 3:50 PM VAB SURGERY TEACHING LAB	
		1:00 - 3:50 PM	

02/07/19	Kim, Ellison, Souza Carvajal, DeHaan, Monger	VAB SURGERY TEACHING LAB
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02/12/19	Monger DeHaan Carvajal	1:00 – 3:50 PM VAB SURGERY TEACHING LAB	In
02/14/19	Monger DeHaan Carvajal	1:00 – 3:50 PM VAB SURGERY TEACHING LAB	In
02/19/19	Case, Regier Carvajal, Isaza, Cavalcanti DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Surgical
02/21/19	Case, Regier Carvajal, 1 Sh Med or 1 VCOP DeHaan, Monger	1:00 – 4:50 PM VAB SURGERY TEACHING LAB	Surgical
02/25/19	Hill, Bishop, Andres Levy Carvajal, Gatson DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	
02/26/19	Case, McConkey, Coffman Carvajal, Isaza Gatson, Romano Anes-Students DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	
03/04/19	Specht, Bishop, Jones Carvajal, Levy Pablo DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	
03/05/19	Kim, Lewis, MJohnson Carvajal, FGarcia, Pablo Anes-students DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	

03/18/19	Verpaalen, Carvajal, Lester Walton, Brooks, 1 VCOP / 1 Sh Med LJohnson DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 10a Physical Examination and Restr
	McConkey, Lewis, Traverson	1:00 - 4:50 PM	Lab 10b

03/19/19	Carvajal, LJohnson, Portela Anes-Students DeHaan, Monger	VAB SURGERY TEACHING LAB	Spay and Neuter Surgery
03/25/19	Gallagher, Lester, Carvajal, Fisk Case 1 VCOP or 1 Sh Med Pablo DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 11a Physical Examination and Restr
03/26/19	Case, MacArthur, Ellison Carvajal, Gatson, Pablo Anes-Students DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Lab 11b Spay and Neuter Surgery
04/01/19	Walton, Lester, Fisk, Carvajal, 1 VCOP or 1 Sh Med FGarcia DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 12a Physical Examination and Restr
04/02/19	Alvarez, Kimbrell, Lewis Carvajal, FGarcia, LJohnson Anes-Students DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Lab 12b Spay and Neuter Surgery
04/08/19	Carvajal Specht, Brooks, Hutchinson, Portela DeHaan, Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 13a Physical Examination and Restr

04/09/19	Townsend, MJohnson, Verpaalen Carvajal Pablo, Portela Anes-Students DeHaan Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Lab 13b Spay and Neuter Surgery
04/15/19	Hill, Brooks, Hutchinson, Carvajal, 1 VCOP or Sh Med Romano DeHaan Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 14a Physical Examination and Restr
04/16/19	Ellison, Townsend, Verpaalen Carvajal, Romano, LJohnson Anes-Students DeHaan Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Lab 14b Spay and Neuter Surgery
04/22/19	Brooks, Bishop, Carvajal, 1 VCOP Levy, Gatson DeHaan Monger	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 15a Physical Examination and Restr
04/23/19	Regier, Coffman, Cavalcanti Carvajal Gatson, Romano Anes-Students DeHaan, Monger	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Lab 15b Spay and Neuter Surgery
04/29/19	Regier, Coffman Carvajal, 1 VCOP or 1 Sh Med Anes	1:00 - 2:50 PM VAB SURGERY TEACHING LAB	Lab 16a – Make-up Physical Examination and Restr
04/30/19	Regier, Coffman Carvajal, 1 VCOP / 1 Shelter M	1:00 - 4:50 PM VAB SURGERY TEACHING LAB	Lab 16b – Make-up Spay and Neuter Surgery

	Anes Anes-Students (2-3)		
05/06/19	Case or McConkey Carvajal, Anes	1:00-2:50 PM VAB SURGERY TEACHING LAB	Lab 17 – Make-up Physical Examination and Restr
05/07/19	Case or McConkey Carvajal, Anes	1:00-4:50 PM VAB SURGERY TEACHING LAB	Lab 17 – Make-up Spay and Neuter Surgery

CONTACT INFORMATION

LABORATORY INSTRUCTORS

Faculty Surgery - Brad Case, caseb@ufl.edu ; Marina McConkey, marina.mcconkey@ufl.edu ; Alex Fox- Alvarez, walvarez@ufl.edu ; Stan Kim, stankim@ufl.edu ; Matt Johnson, mdjohnson@ufl.edu ; Dan Lewis, lewisda@ufl.edu ; Penny Regier, pregier@ufl.edu ; Carlos Souza, souzachm@ufl.edu ; Natalie Izaza, isazan@ufl.edu ; Kelly Harrison, kelmeyer@ufl.edu

Surgery Residents/Interns – Jose Carvajal, josecarvajal@ufl.edu ; Christina De Armond, cdearmond@ufl.edu ; Ana Bascunan, abascunan@ufl.edu ; Sarah Townsend, sarahtownsend@ufl.edu ; John Coffman, jmc91284@ufl.edu ; Val Verpaalen, vverpaalen@ufl.edu ; Erik Perez, eperezjimenez@ufl.edu

Anesthesia Faculty/Residents – Luisito Pablo, pablochi@ufl.edu ; Fernando Garcia, garciaf@ufl.edu ; Bonnie Gatson, bonniejh@ufl.edu ; Alanna Johnson, johnson.a@ufl.edu ; Diego Portela, dportela@ufl.edu ; Marta Romano, marta.romano@ufl.edu ; Doug Castro, dougcastro@ufl.edu ; Marta Garbin, martagarbin@ufl.edu ; Alexander Thompson, alexanderthompson@ufl.edu

Medicine Faculty/Residents (PE and Restraint labs) – Julie Levy, levyjk@ufl.edu ; Kristen Cooke, cookek@ufl.edu ; Alex Gallagher, gallaghera@ufl.edu ; Richard Hill, hillr@ufl.edu ; Andrew Specht, spechta@ufl.edu ; Stuart Walton, stuartawalton@ufl.edu ; Bradley Bishop, b.bishop@ufl.edu ; Mary Lester, lester.m@ufl.edu ; Emery Jones, ea.jones@ufl.edu ; Shana Hutchison, shutchis@ufl.edu ; Kimberly Trolinger-Meadows, kmeadows@ufl.edu ; Erik Perez, eperezjimenez@ufl.edu ; Andrew McClain, akmclain@ufl.edu

