

UNIVERSITY OF MASSACHUSETTS AMHERST
OFFICE OF THE SECRETARY
THE FACULTY SENATE

UNDERGRADUATE COURSE APPROVAL FORM
(Courses Numbered 001-599)

15 Copies Required for Courses Numbered 001-499
20 Copies Required for Courses Numbered 500-599

1. DEPARTMENT, COURSE NUMBER AND TITLE: ANIMLSCI 382 Small Animal Nursing_____
2. SCHOOL OR COLLEGE: CNS_____
3. Proposer's Name, Telephone and Email: Lorna Grande 545-5563 lgrande@vasci.umass.edu
4. Proposed Instructor: Lorna Grande_____
5. Course Credits: 4_____
6. Are there Prerequisites? yes_____ If yes, please specify An SCI 200 +220_____
7. What is the intended clientele? Lower Division _____ Upper Division X_____
 Department majors only _____ Departmental/related majors X _____ Non-Majors _____
 If course is intended for majors, what role will it play in the curriculum? Required _____ Elective X_____
8. Complete Course Catalog Description (30 Words):

Small Animal Nursing – ANIMLSCI 382

Lecture and Laboratory: 4 credits

Emphasis is on small animal nursing procedures. Topics include role of the veterinary technician, history taking, physical exam, medication administration, sample collection, wound care, dentistry, radiology and public health.

Pre-Req: AnSci 200 + 220 or equivalent

9. Please attach the following materials:

- x Week-by-week outline of topics covered in course (or syllabus)
- x List of Required readings
- x Description of required assignments (papers, exams, projects, reports, presentations, etc.)
- x Summary of course grade criteria
- x Selected bibliography of works used by instructor in developing course, especially recent works (as appropriate)

10. If course has been offered as an experimental or special topics course, please comment (on an attached page) on its evolution.

Upon approval of the course by the department head, one copy of this form shall be sent from the departmental office to the Faculty Senate Office to allow for the course to be published on the University's Web Site for comment.

For courses numbered 500-599, the "Guidelines for Course Approval Form" from the Graduate Council must accompany the new course proposal.

DATE	LAB SCHEDULE Small Animal Nursing Topics subject to change!!
Weds Jan 19	NO LAB
Wed Jan 26	Intro lab. Instrument and equipment overview
Wed Feb 2	Judy LaDuc: Safety and Environmental Health , Zoonotic Disease chpts 35(small animal only) +36 Prep and Maintenance of Exam Rooms
Wed Feb 9	Handling and Restraint chpt 1
Wed Feb16	Dr Linda Grace: Merial, Common Preventative Health Programs Chpt 11 dog and cat only
Weds Feb 23	Restraint cont and Physical Exam by system chpt 2
Weds March 2	Administering medication chpt 3 IV, IM, SQ, etc
Wed March 9	Sample collection: chpt 3, blood, urine fecal, special procedures
Wed March 23	Bandaging, splints and wound care Chpt 4
Wed March 30	cont
Weds April 6	Dentistry Chpt 28 and handouts
Wed April 13	Radiology chpt 9
Wed April 20	MONDAY SCHEDULE: NO LAB
Wed April 27	<p>Reading assignments are for entire chapter unless otherwise specified on lecture calendar. Read entire chapters to become familiar with the language and techniques. Expectations of what you should specifically know for this class and exams will be discussed!</p>

ANIMLSCI 382 2011

Small Animal Nursing

Lorna Grande, DVM 413-545-5563
lgrande@vasci.umass.edu
Office Hours by Appointment

Stockbridge Hall Room 313

Lecture and Lab location: Ag Engineering Annex B Lecture: MWF – 12:20-1:10
Lab: WEDS. 2:20- 5:20. Some labs may be off campus, transportation required

Pre-Req: Open to An Sci/Prevet students who have taken AnSci 200 and 220 Permission of the Instructor required.

Required Textbook: McCurnin DM, Bassert JM. Clinical Textbook for Veterinary Technicians, 7th Edition. Available in Textbook Annex.

Description

Lecture and Laboratory.

Emphasis is on small animal nursing procedures. Overview of the role of veterinary technicians. Topics include history, physical exam, medication administration, sample collection, asepsis, wound care, dentistry, radiology and public health.

Objective

Upon completion of this course students will be familiar with most aspects of Introductory Small Animal Nursing skills. Students will be able to demonstrate hands on skills useful as a veterinary assistant in a small animal hospital. In addition to the technical skills students will be able to demonstrate an understanding of the procedures and the science behind them.

Assignments

Reading of assigned material stated in syllabus is expected BEFORE class. Additional readings may be assigned. Unannounced quizzes or in class projects may be assigned.

Grading Policy

- 1) Attendance. You must attend class and labs. Documented emergencies only will be excused. Consider this class more like employment than school.
- 2) Initiative. Students are expected to demonstrate an interest in the material. This is not a passive class. There is a lot of material to be learned and taking notes, etc is important but the small class size and hands on practical aspect of the subject matter lends itself to interaction and discussion. Share your experiences, ask questions, etc.
- 3) Exams Feb 10, March 3, April 9 and Final, date to be announced. **Grading emphasis is on average of all 4 exams.**
- 4) Quizzes/projects
- 5) Participation, hands on competency

Work Ethic

Regular attendance is expected and required. Reading of assignments prior to class is helpful and encouraged. We will be traveling off campus to local animal shelters to gain hands on experience and provide much needed help to the shelter. **This is a privilege.** Inappropriate behavior and unprofessional attitudes will be reason for excusing you from the class. You will be expected to work carefully and be willing to help whenever asked. When you are comfortable with procedures and protocols you will be expected to step up and help out. Hanging back, not paying attention, talking on cell or texting, etc will not be tolerated!!!

Documented emergencies are always accommodated. An EMERGENCY is a serious situation not an inconvenience.

IMPORTANT INFORMATION

As a student in this class you have signed a document stating that you understand that hands on, live animal work presents risks. Careful protocols will minimize these risks. If you are not prevaccinated against rabies and are bitten or scratched by an at risk animal, post exposure rabies vaccines may be required. This is highly unlikely but post exposure vaccines are expensive and there is a risk with every vaccine protocol. If you have ever worked in an animal shelter or an animal hospital you have already assumed these risks!!

You have signed a document that stated you understand the hours, especially for off campus labs may be variable. As guests of these facilities we will remain as long as there is work to be done on a given day. Not for hours later but we cannot guarantee you will be walking out of lab at exactly 5:20 every week.

Evolution of ANIMLSCI 382: Small Animal Nursing.

This course was originally developed as the first offering in the Veterinary and Animal Science Department's proposed American Veterinary Medical Association accredited Veterinary Technician training program. It is the first small animal veterinary course offered in the department and has filled a niche the students are very interested in.

As the course has evolved, the goal is to help students transfer the information they have learned in the other science courses to the clinical environment. For example, basic knowledge of the anatomy and physiology of the cardiovascular system applied to the clinical presentation of congestive heart failure and its multiple etiologies allows students to understand the dynamic physiology of the whole animal. Working to piece together the pathophysiology of non-infectious diseases is a fascinating way to integrate often abstract concepts learned in other less applied courses.

Guest speakers are utilized for two reasons. They are expert in their fields and it is a networking opportunity for students. Meeting and interacting with other professionals, veterinary and non-veterinary helps to broaden students' ideas about possible careers.

Laboratories are conducted on and off campus. The on campus labs utilize progressive animal models for students to practice specific nursing techniques such as proper restraint, venipuncture, placing intravenous catheters, etc. Dexterity and familiarity with equipment and instruments is emphasized before students work on live animals. Some of these models were acquired with grants from outside sources that encourage the use of alternatives.

The off campus labs are conducted at the Thomas J O'Connor Animal Control and Adoption Center in Springfield, MA. This partnership benefits both UMASS and TJO. Once students are comfortable with performing procedures on models they do the same procedures, well supervised, on shelter animals who are in need of the veterinary care. For example students administer vaccines, take blood samples and perform the necessary laboratory test on the sample.

The course has been popular with students who are interested in small animals, many head to veterinary school but some work as assistants in animal hospitals. With AVMA accreditation our graduates will be able to have careers as professional veterinary technicians in a number of settings. In the meantime, this course prepares them to perform basic nursing skills and most importantly, to understand the science behind what they are doing.

Application for AN SCI 390b, Small Animal Nursing

NAME _____ email and phone # _____

Student ID # _____

Thanks for your interest in this course!! It will be a great opportunity for those of you who are interested in small animal medicine. This is an experimental course and we will be learning about the process together!! I expect it to be a lot of fun!!

It is important that BEFORE you sign up for this course you understand the commitment and the risks!!

Please initial after every statement if you understand and agree.

I understand some labs MAY be off campus and I am responsible for my own transportation. _____

I understand that hands on, live animal work presents risks. Careful protocols will minimize these risks. If I am not prevaccinated against rabies and I am bitten or scratched by an at risk animal, post exposure rabies vaccines may be required. This is highly unlikely but these post exposure vaccines are expensive and there is a risk with every vaccine protocol. If you have ever worked in an animal shelter or an animal hospital you have already assumed these risks!! _____

I understand the hours, especially for off campus labs may be variable. As guests of these facilities we will remain as long as there is work to be done on a given day. Not for hours later but we cannot guarantee you will be walking out of lab at exactly 5:15 every week. _____

I understand attendance is *mandatory*. _____

Why do you want to take Small Animal Nursing?

What experience or special interests will you bring to this class?

If you are under 18 years of age please have a parent or guardian sign this waiver.