NOTE to prospective students: This syllabus is intended to provide students who are considering taking this course an idea of what they will be learning. A more detailed syllabus will be available on the course site for enrolled students and may be more current than this sample syllabus. Summer term courses may be accelerated – please check the Ecampus Schedule of Classes for more information.

FW 328 – VMB 328
WILDLIFE CAPTURE AND IMMOBILIZATION (2)

COURSE CREDIT:
(2) This course combines approximately 60 hours of instruction, online activities, and assignments for 2 credits.

PREREQUISITES, CO-REQUISITES AND ENFORCED PREREQUISITES:
None.

COURSE DESCRIPTION:
Manual and chemical restraint methods are covered with an emphasis on darting equipment, animal and human safety, drug pharmacology and species specific recommendations. CROSSLISTED as VMB 328. Lec/lab. This course is repeatable for a maximum of 4 credits.

This course emphasizes professional and humane animal capture and handling.
It provides a general background on chemical restraint of wildlife and specific physical capture examples of a limited number of traps and nets. Emphasis is placed on the capture event, darting equipment, animal and human safety, drug pharmacology, dose calculations, and species specific recommendations.

CONTACT INFORMATION:
Jack A. Mortenson, DVM, MS
jack.mortenson@oregonstate.edu
Phone- 503-560-9740

Sample syllabi may not have the most up-to-date information. For accuracy, please check the ECampus Schedule of Classes to see the most current instructor information. You can search for contact information by name from the OSU Home Page.
LEARNING RESOURCES:
Recommended text:

NOTE: For textbook accuracy, please always check the textbook list at the OSU Bookstore website. Sample syllabi may not have the most up-to-date information.

Students can also click the ‘OSU Beaver Store’ link associated with the course information in the Ecampus schedule of classes for course textbook information and ordering.

STUDENT LEARNING OUTCOMES:
With completing FW328, students will demonstrate the following:

- Understand ethical issues relating to wildlife capture and handling
- Able to convey clear communication regarding professional methods of animal care and handling to the public
- Understand basic concepts and safety measure of animal capture and restraint
- Learn most significant animal and human safety concerns
- Use methods to minimize stress and mortality with capture and handling
- Understand how to prevent and treat capture related medical emergencies
- Use and develop basic skills with remote delivery darting equipment
- Learn to effectively monitor sedation and anesthesia
- Understand legal responsibilities of using capture drugs
- Become competent in calculating dose calculations based on recommended dosage recommendations

COURSE CONTENT AND POLICIES:
Exam Policy: I don't offer make-up exams in this course. Please contact me ahead of time if you need to take an exam early due to a schedule conflict. I will post exam notices several times via Course Announcements and emails ahead of the exam window dates. It is your responsibility to make sure you take the exam during the allotted time frame.

Communication with me:
Please email as needed. I generally respond within 12-24 hrs, but could be a bit longer over the weekends.
Discussion Board – POST EARLY AND OFTEN!

Participation in the Discussion Board is required and part of your course grade. There is no exact formula regarding how points are assigned for this activity. I am not counting number of posts or number of words. Your participation in the Discussion Forum enhances both the class and your learning of the material.

Your participation score for the Discussion Board is based on your weekly effort to contribute in a substantial way to the questions and discussions of the weekly topics. If you are an active participant, expect to score the majority of the points available, however, I do assign these points subjectively and for those extremely active participants I reserve the full points possible. The real motivation here is we are creating a way for students to talk with each other about the concepts and questions that are posed and thought about during the quarter. I urge you all to be active participants in questioning each other and offering up opinions on other people’s ideas for wildlife capture and handling. Please post early in the week and look for replies and engage in further discussions.

Please don’t post a large number of messages during the last week(s) of the quarter along the various weeks discussions; it won’t add up to a higher grade. Remember that each student has a valid viewpoint that contributes to the class. Questions and topics have more than one right answer or way to accomplish the goal at hand and need well-thought out, respectful comments.

Suggested references-


**Academic Policies**
Exams are not proctored in this course. By taking this course, you are agreeing to act in an honorable manner regarding your education. Please do not take this responsibility lightly. Do not use any source of reference material (internet, notes, assistance for another, etc) to complete your exams in this course.

http://ecampus.oregonstate.edu/services/proctoring/academichonesty.htm

Honesty: Students are expected to do their own work and only turn in work that is your own. Oregon State University’s conduct regulations can be found here:
http://osu.orst.edu/admin/stucon/oars.htm

The following link provides some very helpful information regarding plagiarism and how to avoid plagiarizing other’s work: http://oregonstate.edu/admin/stucon/plag.htm

Additional information on academic conduct can be found at this link:
http://oregonstate.edu/admin/stucon/achon.htm#definitions

**Students with Disabilities**: “Accommodations are collaborative efforts between students, faculty and Services for Students with Disabilities (SSD). Students with accommodations approved through SSD are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. see following link for more information on available accommodations:
http://ecampus.oregonstate.edu/pollicies.eml and exceptions
http://oregonstate.edu/aw/disclaim.htm

**COURSE SCHEDULE**
(Topics subject to change)
**WEEK 1: INTRODUCTION**
• Philosophy/purpose of wildlife handling
• AVMA animal welfare guidelines

**WEEK 2: HUMAN SAFETY/ANIMAL SAFETY**
• Pre-capture planning
• Capture event

**WEEK 3: PHYSICAL CAPTURE**
• Transportation
• Nets, traps, other methods
WEEK 4: PHARMACOLOGY/DRUG CALCULATIONS
- Anesthetics/Tranquilizers
- Dose calculations

WEEK 5: LEGAL RESPONSIBILITIES/ (MIDTERM EXAM)
- (FDA) Food and Drug Administration
- (DEA) Drug Enforcement Administration
- (AMDUCA) Animal Medicinal Drug Use Clarification Act

WEEK 6: PATIENT MONITORING/PUTTING IT ALL TOGETHER
- Patient monitoring
- Administering immobilization drugs

WEEK 7: DRUG DELIVERY SYSTEMS
- Powder/CO\textsubscript{2} pressurized
- Scopes/sights

WEEK 8: IMMOBILIZATION HISTORY
- Ancient past
- 20th century developments

WEEK 9: EUTHANASIA
- AVMA euthanasia guidelines

WEEK 10: VETERINARY EMERGENCIES/EUTHANASIA
- Treatments of injuries
- Additional medical treatments

WEEK 11: EXAM

**Evaluation of Student Performance**
Course grading: (only whole letter grades assigned)
Percentage of total points-

A - 90 and above
B - 80 to 89
C - 70 to 79
D - 60 to 69
F - below 50
Midterm – approx 100 points
Final- approx. 150 points
Discussion Forum participation – 100 points

Exam Format:
Format- multiple-choice questions
Reference book and notes are not allowed during the exam.

Exam Policy: I don’t offer make-up exams in this course. Please contact me ahead of time if you need to take an exam early due to a schedule conflict. I will post exam notices several times via Course Announcements and emails ahead of the exam window dates. It is your responsibility to make sure you take the exam during the allotted time frame.

Course site login information
Information on how to login to your course site can be found HERE.

Statement Regarding Students with Disabilities
Oregon State University is committed to student success; however, we do not require students to use accommodations nor will we provide them unless they are requested by the student. The student, as a legal adult, is responsible to request appropriate accommodations. The student must take the lead in applying to Disability Access Services (DAS) and submit requests for accommodations each term through DAS Online. OSU students apply to DAS and request accommodations at our Getting Started with DAS page.

Accommodations are collaborative efforts between students, faculty and Disability Access Services (DAS). Students with accommodations approved through DAS are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through DAS should contact DAS immediately at 541-737-4098.

Additionally, Canvas, the learning management system through which this course is offered, provides a vendor statement certifying how the platform is accessible to students with disabilities.

Academic Integrity and Student Conduct (OSU policy)
Students are expected to be honest and ethical in their academic work. Intentional acts of academic dishonesty such as cheating or plagiarism may be penalized by imposing an “F” grade in the course.

Student conduct is governed by the universities policies, as explained in the Office of the Dean of Student Life: Student Conduct and Community Standards. In an academic
community, students and faculty, and staff each have responsibility for maintaining an appropriate learning environment, whether online or in the classroom. Students, faculty, and staff have the responsibility to treat each other with understanding, dignity, and respect.

Students are expected to conduct themselves in the course (e.g. on discussion boards, email postings, etc.) in compliance with the university’s regulations regarding civility. Students will be expected to treat all others with the same respect as they would want afforded to themselves. Disrespectful behavior (such as harassing behavior, personal insults, inappropriate language) or disruptive behaviors are unacceptable and can result in sanctions as defined by Student Conduct and Community Standards.

For more info on these topics please see:

Statement of Expectations for Student Conduct
Student Conduct and Community Standards - Offenses
Policy On Disruptive Behavior

Plagiarism
You are expected to submit your own work in all your assignments, postings to the discussion board, and other communications, and to clearly give credit to the work of others when you use it. Academic dishonesty will result in a grade of “F.”

Statement of Expectations for Student Conduct
Avoiding Academic Dishonesty

Turnitin Plagiarism Prevention
Your instructor may ask you to submit one or more of your writings to Turnitin, a plagiarism prevention service. Your assignment content will be checked for potential plagiarism against Internet sources, academic journal articles, and the papers of other OSU students, for common or borrowed content. Turnitin generates a report that highlights any potentially unoriginal text in your paper. The report may be submitted directly to your instructor or your instructor may elect to have you submit initial drafts through Turnitin and you will receive the report allowing you the opportunity to make adjustments and ensure that all source material has been properly cited.

Papers you submit through Turnitin for this or any class will be added to the OSU Turnitin database and may be checked against other OSU paper submissions. You will retain all rights to your written work. For further information on Turnitin please click HERE.

Technical Assistance
If you experience computer difficulties, need help downloading a browser or plug-in, assistance logging into the course, or if you experience any errors or problems while in your online course, contact the OSU Help Desk for assistance. You can call (541) 737-3474, email osuhelpdesk@oregonstate.edu or visit the OSU Computer Helpdesk online.
GETTING STARTED

Tutoring
For information about possible tutoring for this course, please visit our Ecampus NetTutor page. Other resources include:

Writing Center
Online Writing Lab

Student Evaluation of Teaching
The online Student Evaluation of Teaching form will be available in week 9 and close at the end of finals week. Students will be sent instructions via ONID by the Office of Academic Programs, Assessment, and Accreditation. Students will log in to “Student Online Services” to respond to the online questionnaire. The results on the form are anonymous and are not tabulated until after grades are posted. Course evaluation results are very important and are used to help improve courses and the learning experience of future students. Results from questions are tabulated anonymously and go directly to instructors and unit heads/supervisors. Unless a comment is “signed,” which will associate a name with a comment, student comments on the open-ended questions are anonymous and forwarded to each instructor. “Signed” comments are forwarded to the unit head/supervisor.

Refund Policy information
Please see the Ecampus website for policy information on refunds and late fees.