NR14 – PRINCIPLES OF WILDLIFE MANAGEMENT

Course Syllabus for Fall 2018 – Section #56848

Lecture: Thursday 11:00am – 12:50pm (FEM 8)

Lab: Thursday 13:00am – 15:50pm (FEM 8)

**Instructor**: Louie M Long Jr

Office , Phone 4F : (559) 638-0300 Ext. 3268

Office Hours: Mon 1400-1600, Wed 1400-1600, Fri 0800-0900

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**Last day to Drop:**

The last day to drop the class is Tuesday, September 11th. A letter grade will be assigned after this date.

***Final Exam:***

The final exam date is **Thursday, December 13th, 11:00am – 12:50pm**

**Course Objectives**:

To introduce students to local and regional wildlife species and to develop expertise in wildlife identification, taking field notes, and exposure to common field techniques used by wildlife managers. Students will also be exposed to habitat management, population estimation, and wildlife conservation issues.

1. Demonstrate the basic requirements of fish and wildlife.
2. Describe ecological principles important to wildlife management.
3. Describe life history of wildlife species.
4. Evaluate the role of human's impact on wildlife management.
5. Evaluate the role of wildlife management in endangered species recovery.
6. Evaluate the use of various wildlife management techniques involved in habitat modification and population estimation.
7. Identify common wildlife species found in the western United States using keys and reference books.
8. Prepare a scientific report based on wildlife work completed in class.
9. Use capture and handling tools correctly.
10. Use specific techniques to determine fish and wildlife abundance.

***Required Materials:***

**Books**:

Required – National Audubon Society Birds: Western Region (Rev. Ed.)

Field Notebook – pocket sized

Optional -Wildlife Ecology and Management, Bolen and Robinson, most recent

edition.

National Audubon Society Guide to North American Mammals

**Lab manual:**

The lab manual can be downloaded from CANVAS. It is required to complete the course.

**Attendance and Grading Policy:**

Students are expected to attend all sessions of classes in which they are enrolled. Excessive absence will jeopardize a student’s satisfactory progress in a class. Students may be dropped from class if they fail to attend the first class session of the semester. There are no institutionally approved excused absences for any reason. Only the instructor may excuse an absence. Absences caused by personal engagements, transportation delays and business affairs will not be excused, nor will absences from class to complete registration or add/drop activities.

Students are expected to be in the classroom at the time the class begins. Instructors are required to take attendance at each class session. Any student who is excessively absent may be dropped from the class as specified in each class syllabus **(3 days)**. Unless there are significant extenuating circumstances, that student will be immediately dropped from class by the instructor if the absences are occurring before 50 percent of the class is expired. Lack of regular attendance after the 50 percent drop deadline may result in an unsatisfactory grade.

If you miss a lecture or lab, you are responsible for obtaining notes from a classmate. The success of any class depends on the presence and active participation of each student; therefore, you are expected to attend every class. **If you miss class >3 times during the semester you may be dropped from the course**. Individual exam grades may be curved and final grades will be assigned based on a straight percentage system according to the following scale:

|  |  |
| --- | --- |
| **Course Grade** **Cumulative Percent**  A 90-100  B 80-89  C 70-79  D 60-69  F < 59 | Breakdown of Grades Points  Midterm Exams X 2 20%  Final Exam 10%  Lab Assignments 40%  Writing Assignments 20%  Quizzes 10%  **Total 100%** |

**Extra Credit:**

I do not give extra credit assignments to individuals. Everyone has the opportunity to earn extra points whether it is through answering extra credit questions on exams or participation in extracurricular events such as Forest Conservation Days, FFA events, or similar functions. Participating in an approved event is worth 10 points of extra credit. This may not seem like much but is often enough to bump a student up one letter grade in the class. The tentative schedule for these types of events is listed below;

Forest Conservation Days - September 24 - 28

FFA Opening & Closing – November 7

Other Events - TBA

**Always come prepared to go outside during lab. My definition of “Being Prepared” means to wear hiking boots or work boots, wear long pants, and to bring other items such as water, bug repellent, rain gear (even if there is a slight chance of rain), and plenty of warm cloths.**

We will be spending many of our labs out on the school farm or in other places around campus. We will also be taking a few trips to the either the Thorburn property located on the Kings River or to the school forest. Field Trip waivers will be required for all students prior to each field trip.

***Cancelled Classes:***

I don’t cancel classes very often however, if I do I will post an announcement on CANVAS as soon as I know I’m going to cancel class. Check CANVAS often to avoid driving to campus to find out that class has been cancelled. I will also follow school protocol for cancelling classes.

***LAST DAY TO DROP IS Friday October 12th. Letter grade is assigned after this date.***

**Writing Assignments**:

Rather than requiring the standard research paper I have decided to assign a series of scientific reports as your written assignment. You will receive more information when it is time to begin this project.

***Cheating & Plagiarism:***

Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another’s work, supplying one’s work to another, giving or receiving copies of examinations without an instructor’s permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

Plagiarism is a specific form of cheating: the use of another’s words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights. Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on the particular examination, paper, project, or assignment in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

**Don’t Cheat or Plagiarize**

**Accommodation Needs:**

If you have a need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act(ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

**Tentative Schedule:**

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| --- | --- | --- | --- |
| **Week** | **Date** | **Lecture Topic** | **Lab Topic** |
| 1 | 8/16/18 | Introduction | Bird & Mammal Specimens |
| 2 | 8/23/18 | North American Model of Conservation | Binoculars & Bird Identification |
| 3 | 8/30/18 | Neglect & Exploitation | Living Streams / Field Observations |
| 4 | 9/6/18 | Success in Managing Wildlife | Nesting Bird Surveys / Point Count Techniques |
| 5 | 9/13/18 | **NR 108 Field Trip** | |
| 6 | 9/20/18 | Point Count Survey | Analysis of data |
| 7 | 9/27/18 | **Forest Conservation Days** | |
| 8 | 10/4/18 | Radio Telemetry | |
| 9 | 10/11/18 | **NR 109 Field Trip** | |
| 10 | 10/18/18 | **Midterm** | Wood Duck Nest Boxes |
| 11 | 10/25/18 | Electrofishing | |
| 12 | 11/1/18 | Endangered Species Act | Mark & Recapture, Biological Data Collection |
| 13 | 11/8/18 | Ecosystems & Natural Communities | Mark & Recapture, Biological Data Collection |
| 14 | 11/15/18 | Population Ecology / The Ebb and Flow of Wolves & Moose | Remote Camera Deployment - Thorburn Property |
| 15 | 11/22/18 | **Thanksgiving** | |
| 16 | 11/29/18 | Predators & Predation | Remote Camera Collection - Thorburn Property |
| 17 | 12/6/18 | End of the Line - Film | Bird & Mammal ID Exam |
| 18 | 12/13/18 | **Final Exam - Friday 1100 - 1250** | |