WLF 410 - Wildlife Populations and Their Management (Syllabus)

Class (3 credits):
Lecture - MW 8-9, 210 Irving I
Lab - W 2:15-5:15, 303 Irving I
Prerequisites: BIOL F271; MATH F200X or F272X; STAT F200; WLF F303 or BIOL F471

Instructor:  TA:
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Office Hours: TBA

Text:

Course Description:
The characteristics and ecology of wildlife populations and the knowledge necessary for their wise management. Measures of abundance, dispersal, fecundity and mortality, population modeling, competition and predation, and the management of rare species and their habitats.

Students will learn sampling and analytical methods for estimating population parameters, they will learn how to interpret those parameters, and apply that information to a management decision process. Students will become proficient in the use of software used to study wildlife population dynamics.

Instruction will include 2 hours of lecture and 3 hours of computer labs per week. Term projects that require individual analysis of actual data will be also be used for instruction.

Course Policies and Grading:
Although this class starts at 8a, I hope you will be courteous to me and your fellow students and arrive on time. Class anticipation and attendance are a fundamental component of this class and will constitute 10% of your grade. Your grades will be based on the following measures of performance:

Homework assignments - 25%
Exams (2) - 20% each
Term Project - 25%
Class Attendance/Arrival Time and Participation - 10%

Grades will be based on a straight percentage >89% A, >79% B, >69% C, and >59% D. You will loss 25% of the possible points for each day an assignment is late. Make-up exams will only be provided if prior arrangements are made. Plagiarism and cheating will not be tolerated. I will work with the Office of Disabilities Services (203 WHIT, 474-7043) to provide reasonable accommodation to students with disabilities.

Term Project:
For the term project you will be expected to analyze a real data set and present your findings in a written report and oral presentation. More detailed instructions will follow as the course progresses.