FIELD WILDLIFE TECHNIQUES
FORS 3136

Instructors:
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Course Description.
This course is designed to be a diverse and intense week of field exercises focusing on a range of forest wildlife management topics. The primary exercise will be a detailed, hands-on investigation of wildlife (including mammals, birds, herps, and invertebrates) present in aquatic and forested habitats, both on the ground and canopy. You will also learn about trapping and handling techniques, identification of species by sight and sound, and sampling design among other topics.

Program Learning Outcomes (This is not a general education course).
Forestry 336 is one of the forestry core courses required of all forestry majors and thus competency is required. A minimum grade of a “C” must be attained or the course will have to be repeated. The course is designed to address the following Program Learning Outcomes, as given in the BSF Program Matrix:

1. Demonstrate understanding and competency of forest ecology and biology (PLO1);
2. Demonstrate understanding and competency in the measurement of forest resources (PLO2);
3. Demonstrate understanding and competency in managing forest resources (PLO3);
4. Demonstrate understanding and competency of forest resource policy, economics, and administration (PLO4);
5. Demonstrate understanding and competency in oral and written communication skills (PLO5).

Student Learning Outcomes: Upon completion of the course, students should:

1. Understand and appreciate how habitat variables affect species distribution and abundance in East Texas forests (I, PLO #1).

2. Be familiar with identification and survey techniques for common mammal, bird, reptile, and invertebrate species of East Texas (B, PLO #1 and 3).

3. Gain a basic understanding of the relationship between forest management and wildlife habitat in southeastern forested systems (B, PLO #1 and 3).

Text.
This course has several required texts that are basic identification guides for various vertebrate and invertebrate taxa occurring in southeastern forests. We will refer to these guides throughout the field activities and students will be tested on identification skills on exams. Failure to produce any of these items will result in 10% deduction from your final grade.
The required texts are:

1. An identification guide to mammals. These may include the:
   b. *The Mammals of Texas* by David Schmidly.
   c. *You may also choose to download it on your phone if available*

2. One of several quality field guides to North American birds. (See e-version in app format for iOS or Android). Good ones include:
   b. *National Geographic Field Guide to the Birds of North America*
   d. *Smartphone apps are great! iBird Pro App for iOS/Android users*
      *We will use the Merlin app for sound ID, this could also serve as your field guide*

3. An identification guide to reptiles and amphibians of North America. Examples include:
   c. *You may also choose to download it on your phone if available*
   d. *You will need to download iNaturalist*

4. An identification guide to invertebrates. Examples include:
   a. *A Field Guide to Common Texas Insects* by Drees;
   b. *Common Insects of Texas & Surrounding State* by Abbott & Abbott
   c. *Petersons Field Guide to Insects*
   d. *You may also choose to download an app on your phone, e.g., Picture Insect, Insect Identification, Insect id: Bug Verifier, Insect identifier Bug Finder*

**Equipment.**

For field activities, you are required to have a working pair of binoculars, a pair of sturdy leather gloves, and a headlamp/flashlight (make sure to have extra batteries).

**Group Rotations.**

You will be assigned to a single group during the week. All activities will be in that group, although the activities will rotate among the professors. Below is a brief outline of the basic group rotation for the week. The exact timing of afternoon departures/return times to campus will vary, depending upon the discretion and expertise of your instructor, as well as what activities that group is doing.
<table>
<thead>
<tr>
<th>Day</th>
<th>AM</th>
<th>PM</th>
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<th>AM</th>
<th>PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>OPEN</td>
<td>Group 1 - Glasscock</td>
<td>Group 1 - Glasscock</td>
<td>Group 3 - Glasscock</td>
<td>Group 3 - Glasscock</td>
<td>Group 2 - Glasscock</td>
<td>Group 2 - Glasscock</td>
<td>Group 2 - Glasscock</td>
<td>Group 2 - Glasscock</td>
<td>Study</td>
<td>Group 2 - Eversole (Bring a Lunch)</td>
<td>Group 1 - Eversole (Bring a Lunch)</td>
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<tr>
<td></td>
<td></td>
<td>Group 3 - Antoniazzl</td>
<td>Group 3 - Antoniazzl</td>
<td>Group 2 - Antoniazzl</td>
<td>Group 2 - Antoniazzl</td>
<td>Group 1 - Antoniazzl</td>
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Everyone meets for an overview in RM 117 at 13 pm. All field guides and equipment must be brought to the meeting.

Lecture & Wildlife ID exams will be taken in Rm. 117. Students must bring headphones and a charged laptop to complete the exams in D2L. You will have access to a computer lab if you do not have a laptop.
**Week Schedule.**
The schedule for this week will be flexible and dependent on what activities are going on each day. The schedule on Monday and Friday will be different. This is just a general guide for your planning purposes; however, in general, we will follow the schedule below (times could change based on activities needs):

- **0630:** Glasscock’s group leaves from the parking lot behind Forestry Building – if you are not here you immediately incur a 20% penalty to your grade.
- **0700:** Eversole’s & Antoniazzi’s groups leave from the parking lot behind the Forestry Building – if you are not here you immediately incur a 20% penalty to your grade.
- **1100:** Glasscock’s & Eversole’s groups return to campus.
- **1700:** Antoniazzi’s group returns to campus.
- **1900:** Glasscock’s & Eversole’s groups leave from the parking lot behind the Forestry Building for evening activities – if you are not here you immediately incur a 20% penalty to your grade.
- **2300:** Glasscock’s & Eversole’s groups return to campus.

**Grading.**
Grades in this class will be based on a combination of exams, and your attitude and participation throughout the week. The final grade will be calculated according to the following formula:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Wildlife ID Exam</td>
<td>100</td>
</tr>
<tr>
<td>Lecture/Concepts Exam</td>
<td>100</td>
</tr>
<tr>
<td>Participation</td>
<td>75</td>
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</tbody>
</table>

| Total points             | 275    |

Course grades will be given according to the following percentages: 90-100%=A, 80-89%=B, 70-79%=C, 60-69%=D, 0-59%=F (approved students must to accomplish A, B, or C).

**Exams.**
The Wildlife Section of Field Station has a wildlife ID and lecture/concepts exams.

1. The Lecture/Concepts Exam will include specific questions (e.g., How do we determine sex in birds?, How do you mark crocodiles?, How do you age a bobcat?). Any topic covered formally or informally during this Wildlife Section by the instructors is eligible for inclusion in the exam. We suggest making your own notes for all topics covered in the field as well as the online lectures and reading material assigned. The exam will consist of 25 questions worth 4 points each for a total of 100 points. That Exam will be made available on D2L on Friday, June 2nd from 9:00am-9:30am. The student will only have one attempt to take the Lecture/Concepts exam.

2. The Wildlife ID Exam will focus on the identification of various vertebrate species by sight and sound. It may include any species from the lists provided by the faculty. Use your field guides to help you learn the diagnostic characteristics for the species in the list provided. The exam will consist of 50 questions worth 2 points each for a total of 100 points. That Exam will be made available on D2L on Friday, June 2nd from 10:00am-12:00pm. Students will have 60 minutes to complete the exam. The student will have 2 attempts to take the Lecture/Concepts exam with the highest grade being applied towards the final grade.
Participation.
It has been our experience that the success of the Wildlife Section and field station as a whole is dependent most of all on your positive attitude and willingness to immerse yourselves in the learning process. We know that you have very different backgrounds and experiences in wildlife; however, that should not limit your ability to get a good grade. To reflect the importance, we put on this participation, you will be assigned a score of 0-75 points (divided among the three primary instructors, i.e., 25 points provided by each of them). You should all get 75 points but experience suggests that not all of you will.

Attendance.
Students are required to attend all field exercises during the Wildlife Section. Excused absences will be made only in exceptional circumstances and appropriate make-up work will be assigned in these cases. Failure to attend any activity without prior approval or an unexcused absence will result in a 20% reduction of your total course grade. If you arrive after the vans have departed for the field, you **MAY NOT** meet us in the field in your personal vehicle. Do not attempt to do so, as this violates University Policy and you have already received the point deduction.

Acceptable Student Behavior.
Classroom (on-campus or online) and field behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate during the learning activities. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

We may have guests that are generous enough to spend their time with us during the week. Remember that you are representing the Arthur Temple College of Forestry and Agriculture and the Stephen F. Austin State University when these speakers are with us. Please be courteous and respectful to them as you would be to any faculty member; no, be more courteous and respectful than that.

Ethics and Professionalism.
All of the students in this class and in the Arthur Temple College of Forestry and Agriculture are expected to conduct themselves in an ethical and professional manner. For wildlife biologists and managers, The Wildlife Society has established a Code of Ethics to which these professionals are expected to adhere. Likewise, the Society of American Foresters has a published code of ethics for foresters and others in the forestry profession. I encourage you to read and abide by these guidelines, available at: [http://www.wildlife.org/about/index.cfm?name=ethics](http://www.wildlife.org/about/index.cfm?name=ethics) (for the Wildlife Society) or [http://www.safnet.org/who/codeofethics.cfm](http://www.safnet.org/who/codeofethics.cfm) (for the Society of American Foresters).
Academic Integrity (A-9.1).
Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty.
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an internet source or another source; (3) incorporating the words or ideas of an author into one's paper without giving the author due credit. Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp

Withheld Grade Semester Grades Policy (A-54).
Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

Students with Disabilities.
To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004/468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.

Mental Health Resources. SFASU values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students’ mental health and wellness. Many of these resources are free, and all of them are confidential.

<table>
<thead>
<tr>
<th>On-campus Resources</th>
<th>SFASU Human Services Counseling Clinic</th>
<th>Crisis Resources</th>
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<tbody>
<tr>
<td>SFASU Counseling Services</td>
<td><a href="http://www.sfasu.edu/humanservices/139.asp">www.sfasu.edu/humanservices/139.asp</a></td>
<td>Burke 24-hour crisis line 1(800) 392-8343. Suicide Prevention Lifeline 1(800) 273-TALK (8255). Crisis Text Line: Text HELLO to 741-741</td>
</tr>
<tr>
<td><a href="http://www.sfasu.edu/counselingservices">www.sfasu.edu/counselingservices</a></td>
<td>Human Services Room 202 936-468-1041</td>
<td></td>
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</tbody>
</table>