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**Ornithology Laboratory**  
BIOL 4141  
Fall 2021

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**Instructor:** Jessica L. Coleman, MS.

**Office:** BEP 114      **Email:** [jcoleman@uttyler.edu](mailto:jcoleman@uttyler.edu)      **Phone number:** (903) 565-5889

**Office hours:** MW 10:30am – 12pm, Wednesday 1:30pm – 3:30pm, or by appointment

**TA:** Chasity Aguilar

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**Office Hours:**

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**Course Objectives:** The laboratory course is comprised of three exercises: (1) in-lab study of species identification, (2) in-lab exercises on aspects of avian biology (external and internal anatomy), and (3) field trips to nearby areas to observe birds.

**Student Learning Outcomes: After this class you should be able to...**

- To learn the external anatomy of birds
- To learn the internal anatomy of birds
- To learn field identification of birds based on visual and auditory cues

**Textbook:** A bird field guide is required for the course; it can be either a hardback OR an app on your smartphone device. Below are two field guide (hard back) options (see optional study tools for available apps):

Peterson, Roger. 2010. Peterson Field Guide to Birds of Eastern and Central North America. 6<sup>th</sup> Edition.

Sibley, David A. 2000. The Sibley Guide to Birds. Alfred A. Knopf Inc., NY

**Required Equipment:** A good pair of binoculars. Typically, you are looking for them to be 10x50, 8x42 or close to that range. You can purchase binoculars from a variety of places (i.e., Amazon, eagle optics, Academy Sports, etc...). A good set of binoculars can range in price, but for a good set, plan on a price between 100-200 dollars.

**Optional Study Tools:**

Bird by Ear: Eastern/Central (Peterson Field Guides) by Richard Walton, Robert Lawson, and Roger Peterson.

Stokes Field Guide to Bird Songs by Lang Elliot with Donald and Lillian Stokes.

Useful Apps for smart devices (e.g. iphones, ipad, etc...) – includes songs  
Merlin Bird ID (The Cornell Lab) (Free, but not as good as a paid field guide)  
Peterson Birds – A Field Guide to Birds (\$14.99)  
iBird Pro Guide to Birds (\$14.99)  
The Sibley eGuide to the Birds of North America (\$19.99 for full version)

**Grading:**

	Points Possible
Practical I	100
Practical II	100
Quizzes	100
Bird Prep	50
<b>Total</b>	<b>350</b>

Grade Distribution		
Percentage	Points	Grade
90-100%	313 – 350	A
80-89%	278 – 312	B
70-79%	243 – 277	C
60-69%	208 – 242	D
0-59%	0 – 207	F

**Grading:** Letter grades will be assigned according to the following scale:

**A = above 89.5    B = 79.5 – 89.49    C = 69.5 – 79.49    D = 59.5 – 69.49    F = Below 59.5**

All of your course grades will be in Canvas, so you will be able to view your current course grade at any time. Please be aware that I cannot give you EXTRA CREDIT or WORK at the end of the semester. Your average shown in Canvas will determine your final grade in the course.

At the end of the semester, grades will be calculated in Canvas according to the syllabus. If your average is **within 0.5 points** of the next letter grade, I will round it up **automatically** (see grade scale above). The only other adjustment that will be made is if the final percentage is WITHIN ONE POINT of the next letter grade (and NO more), and the student has missed **THREE OR LESS LECTURES, TWO or LESS WEEKLY QUIZZES** and has a **CLASS PARTICIPATION GRADE OF 80% or HIGHER**. IF you meet these criteria, then I will **round up to the next letter grade**. (Mitigating circumstances will be taken into account at the discretion of the instructor).

**Exam policy:** There will be two practical exams during the semester. These exams will consist of actual bird specimens for identification and a field component to identify birds. You will be responsible for knowing the birds observed in the **field by sight and sound**. These birds will be asked (if seen day of exam) based on sight and sound. More information about the practical exams will be discussed in class. No exam will be curved!

**Make-up Exams:** If you are unable to take an exam when scheduled due to unforeseen illnesses, deaths in the family or other traumatic events, contact me within 24 hrs of the event to schedule a make-up exam. Please provide **documentation** (letters from family are NOT acceptable) of the events that may conflict with exam dates. I will work with you to schedule a makeup exam.

If you are unable to take an exam as scheduled for some sort of non-emergency issues, then you must let me know well in **ADVANCE**. Students who fail to make timely arrangements will most likely receive a grade of "0" for the exam missed.

**Quizzes:** There will be **at least** 10 quizzes during the semester. All quizzes will be individual quizzes, taken in class and while in the field. The in-class quizzes will cover museum specimens, internal and external anatomy questions. Field quizzes will ask you questions of birds seen while in the field through your binoculars. These birds you make be asked to identify by sight or sound. All birds that are asked on quizzes could ask for one of the following: domain, order, family or common name.

**Attendance:** Attendance is essential to success in this class. If you miss class, it is your responsibility to contact another student (not the instructor) to get notes and other announcements made during class.

**Bird Prep:** During the semester students will be responsible for preparing one bird specimens to be catalogued for our teaching collections. One class period will be devoted to learning the bird preparation protocol, and one bird will be prepared. You must take your time and be committed to making a serious effort in prepping a bird specimen to the best of our ability. A total of 50 points will be assigned to the bird prep.

## **UNIVERSITY POLICIES**

**UT Tyler Honor Code:** Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

**Students Rights and Responsibilities:** To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link:

<http://www2.uttyler.edu/wellness/rightsresponsibilities.php>

**Campus Carry:** We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at

<http://www.uttyler.edu/about/campus-carry/index.php>

**UT Tyler Tobacco-Free Policy:** All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors.

- Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products.
- There are several cessation programs available to students looking to quit smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit [www.uttyler.edu/tobacco-free](http://www.uttyler.edu/tobacco-free)

**Grade Replacement/Forgiveness and Census Date Policies:** Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract. The Census Date is the deadline for many forms and enrollment actions that students need to be aware of. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

**State-Mandated Course Drop Policy:** Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

**Disability/Accessibility Services:** In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Tyler at Texas offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The **Student Accessibility and Resources (SAR)** office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

**Student Absence due to Religious Observance:** Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second-class meeting of the semester.

**Student Absence for University-Sponsored Events and Activities:** If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

**Social Security and FERPA Statement:** It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g. via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

**Emergency Exits and Evacuation:** Everyone is required to exit the building when a fire alarm goes off. Follow your instructor’s directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

**Student Standard of Academic Conduct:** Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism,

collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

i. “Cheating: includes, but is not limited to:

- Copying from another student’s test paper;
- Using, during a test, materials not authorized by the person giving the test;
- Failure to comply with instructions given by the person administering the test;
- Possession during a test of materials which are not authorized by the person administering the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
- Using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
- Collaborating with or seeking aid from another student during a test or other assignment without authority;
- Discussing the contents of an examination with another student who will take the examination;
- Divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructor has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
- Substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
- Paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about the unadministered test, test key, home solution or computer program;
- Falsifying research data, laboratory reports, and/or other academic work offered for credit;
- Taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonable should know that that an unfair academic advantage would be gained by such conduct; and
- Misrepresenting facts including providing false grades or resumes, for the purpose of obtaining by an academic or financial benefit or injuring another student academically or financially.

ii. “Plagiarism:” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by other means another’s work and the submission of it as one’s own academic work offered for credit.

iii. “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.

iv. All written work that is submitted will be subject to review by plagiarism software.

#### **UT Tyler Resources for Students:**

UT Tyler Writing Center (903.565.5995), [writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)

UT Tyler Tutoring Center (903.565.5964), [tutoring@uttyler.edu](mailto:tutoring@uttyler.edu)

The Mathematics Learning Center, RBN 4021, this is an open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.

UT Tyler Counseling Center (903.566.7254)

**I RESERVE THE RIGHT TO MODIFY THIS SYLLABUS AT ANY TIME. THEREFORE, YOUR ATTENDANCE AND ATTENTION TO THE ANNOUNCEMENTS IN CANVAS ARE CRUCIAL BECAUSE IT WILL ASSIST YOU TO REMAIN CURRENT ON THE MATERIAL AND KNOW WHEN THE SYLLABUS MAY BE MODIFIED.**

<b>Schedule of Topics - BIOL 4141</b>	
<b>Week of</b>	<b>Topic</b>
Aug 23	Introductions and External Anatomy (on campus)
Aug 30	Internal Anatomy – Bird Dissection (on campus)
Sept 6	Field Techniques and Call Identifications (Intro – on campus)
Sept 13	Taxonomy - Field Identifications (Location TBD)
Sept 20	Taxonomy - Field Identifications (Location TBD)
Sept 27	Taxonomy - Field Identifications (Location TBD)
Oct 4	<b>PRACTICAL I</b>
Oct 11	Intro to Bird Prep (in Lab)
Oct 18	Taxonomy - Field Identifications (Location TBD)
Oct 25	Taxonomy - Field Identifications (Location TBD)
Nov 1	Taxonomy - Field Identifications (Location TBD)
Nov 8	Taxonomy - Field Identifications (Location TBD)
Nov 15	Taxonomy - Field Identifications (Location TBD)
Nov 22 -26	<b>THANKSGIVING BREAK</b>
Nov 29	<b>PRACTICAL II</b>
Dec 6	<b>FINALS WEEK</b>

**\*\*Tentative Exam Dates – subject to change**

**No classes: Labor Day – Sept. 6<sup>th</sup>, 2021      Thanksgiving Break – November 22<sup>nd</sup> – 26<sup>th</sup>, 2021**

**Last Day to Drop with a “W”: Nov. 1, 2021**