



**FWMT 1070 MAMMALOGY
COURSE SYLLABUS
FALL SEMESTER 2017
Lecture/Lab/Web Enhanced**

Semester: Fall 2017
Course Title: Mammalogy
Course Number: FWMT 1070
Credit Hours/ Minutes: 3 / 3750
Class Location: Room # 6208
Class Meets: MT 2:00-4:05 p.m.
CRN: 20044

Instructor: Jill Lehman
Office Hours: 11:00-12:00 Daily
Office Location: Bldg. 6 Swainsboro Campus
Email Address: jlehman@southeasterntech.edu
Phone: 478-289-2303
Fax Number: 478-289-2328
Tutoring Hours: As needed

REQUIRED TEXT: Field Manual of Wildlife Diseases in the Southeastern U.S. 3rd edition, Davidson National Audubon Society Field Guide to Mammals ISBN 0-679-44631-1, Field Journal, Boone and Crockett Measuring Tape; Firepot Stories by R. Joseph Hamilton ISBN 978-1-929647-32-3

REQUIRED SUPPLIES & SOFTWARE: Pencil, pen, highlighter and notebook. Access to computer with MS Word. Printer

COURSE DESCRIPTION: This course covers the taxonomy, biology, ecology, and management of game and non-game mammals. Topics include identification, biology and ecology, behavior, collection of age, sex, and reproduction data, and management. Upon completion, students should be able to identify mammal species and demonstrate knowledge of their biology, ecology, and management.

MAJOR COURSE COMPETENCIES: Topics include identification, biology and ecology, behavior, collection of age, sex, and reproduction data, and management.

PREREQUISITE(S): Provisional admission

COURSE OUTLINE:

1. Taxonomy and Identification
2. Biogeography
3. Integument, Support, and Movement
4. Modes of Feeding
5. Adaptations to the Environment
6. Control Systems and Biological Rhythms
7. Reproduction
8. Populations
9. Life History and Management

GENERAL EDUCATION CORE COMPETENCIES: STC has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS: Students are expected to have the assignment completed at the beginning of class on the date it is due. It is within the instructor's discretion to accept or reject late assignments. A ten point penalty will be assessed for each day an assignment is late. Three days after the due date, assignments will NOT be accepted; a zero will be recorded. Unannounced quizzes are subject to be given on any day. A grade of zero will be assigned for any quizzes missed. There will be no makeup of quizzes. Missed labs will be recorded as a zero.

Fish and Wildlife Management program students must earn a minimum grade of C in this course.

ATTENDANCE GUIDELINES: Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and also interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of F and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an F in a course.

SPECIAL NEEDS: Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas, 912-538-3126, hthomas@southeasterntech.edu, to coordinate reasonable accommodations.

SPECIFIC ABSENCES: Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY: Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please advise me and make appropriate arrangements with Helen Thomas, (912) 538-3126, hthomas@southeasterntech.edu.

WITHDRAWAL PROCEDURE: Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

Remember - Informing your instructor that you will not return to his/her course does not satisfy the approved withdrawal procedure outlined above.

MAKEUP GUIDELINES (Tests, quizzes, homework, projects, etc...): No makeup labs will be available. Unannounced quizzes are subject to be given on any day. A grade of zero will be assigned for any quizzes missed. There will be no makeup of quizzes. Project due date TBA. Students are expected to complete all work. Students are responsible for policies and procedures included in the *STC Catalog*.

ACADEMIC DISHONESTY POLICY: The STC Academic Dishonesty Policy states *All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline.* The policy can also be found in the *STC Catalog and Student Handbook*.

Procedure for Academic Misconduct

The procedure for dealing with academic misconduct and dishonesty is as follows:

--First Offense--

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

--Second Offense--

Student is given a grade of "WF" for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

--Third Offense--

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION: Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, disabled veteran, veteran of Vietnam Era or citizenship status, (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

GRIEVANCE PROCEDURES: Grievance procedures can be found in the Catalog and Handbook located on STC's website.

ACCESS TO TECHNOLOGY: Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and Banner Web via the mySTC portal or by clicking the Current Students link on the STC website at www.southeastertech.edu.

GRADING POLICY

Lab	40%
Quizzes/Class Assignments	30%
Exam	30%
Total	<u>100%</u>

GRADING SCALE

A	(90% - 100%)
B	(80% - 89%)
C	(70% - 79%)
D	(60% - 69%)
F	BELOW 60

TCSG GUARANTEE/WARRANTY STATEMENT:

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

FWMT 1070 Mammalogy
Fall SEMESTER 2017

LESSON PLAN

Date	Chap / Less	Content	Assignments & Tests Due	Comp Area
Week 1				
8/14/17 8/15/17	Course Introduction Taxonomic classification of mammals/scientific naming system	Syllabus, Policies/Procedures for lab Common mammals of N.A.	Review PPTs and handouts Individual assignments	*1 **a,b,c,
Week 2				
8/21/17 8/22/17	Identification of Mammals	Skulls, tracks, pelts, scat	Review PPTs and handouts Quiz covering taxonomic classification	*1 **a,c,
Week 3				
8/28/17 8/29/17 9/5/17	Ecogeographic rules of mammals	Allen's rule, Bergman's rule, Foster's rule, Gloger's rule, Rapoport's rule, Thorson's rule	Review PPTs and handouts Individual assignments Lab assignments	*1,2 **a,b,c,
Week 4				
9/11/17 9/12/17 9/18/17	Integument, support, movement	Horns vs. Antlers WTD antler growth and development B&C scoring	Quiz covering rules of mammals Review PPTs and handouts In class assignments In class exercises: B&C	*3 **a,b,c,
Week 5				
9/19/17 9/25/17	Integument, support, movement	Ageing WTD on the hoof Ageing WTD by tooth wear and replacement Anatomy of mammal skulls. Form and function of mammal skulls	Review PPTs and handouts In class assignments In class exercises: teeth wear, ageing on the hoof Keep/cull exercises Skull I.D.	*3,4 **a,b,c
Week 6				
9/26/17 10/2/17	Integument, support, movement	Locomotion of mammals Structure, function of skin, hair, integumentary glands Locomotion, claws, nails, hooves	Quiz over ageing on the hoof and tooth wear Review PPTs and handouts In class assignments I.D. exercises	*3,4 **a,c,
Week 7				
10/3/17 10/9/17	Modes of Feeding	Insectivory, herbivory, carnivory, omnivory	Mid-Term exam Review PPTs and handouts In class assignments I.D feeding method exercises	*3,4 **a,c,
Week 8				
10/10/17 10/16/17	Modes of Feeding	Capturing apparatus/processing of food for different feeding habits	Review PPTs and handouts In class assignments I.D feeding method exercises Describe different feeding habits	*4 **a,c,
Week 9				

10/23/17 10/24/17	Adaptations of the Environment	Temperature regulation in mammals Cold climate adaptations	Quiz covering Modes of Feeding Review PPTs and handouts In class assignments In class exercises	*5 **a,b,c,
Week 10				
10/30/17 10/31/17	Adaptations to the Environment	Hot climate adaptations	Review PPTs and handouts In class assignments Discuss temp. variances in class	*2,3,4,5 **a,b,c,
Week 11				
11/6/17 11/7/17	Control systems and Biological Rhythms	WTD scent glands Endocrine systems of mammals Activity patterns	Quiz covering Adaptations to Environment Review PPTs and handouts In class assignments In class exercises: Explain/discuss phases of WTD rut	*2,3,5,6,7 **a,b,c,
Week 12				
11/13/17 11/14/17	Reproduction	Mating strategies, gestation, WTD fetal growth	In class exercises: Ageing fetus, explain measuring fetus, determining breeding and parturition dates	*5,6,7 **a,b,c,
Week 13				
11/20/17 11/21/17	Populations	Birth rate, death rate, life tables, survivorship curves, age structure	Quiz covering fetal ageing, conception, parturition dates. Review PPTs and handouts In class assignments Demonstrate survivorship curves, age structures. Graph birth rates, death rates, life tables	*6,7 **a,b,c,
Week 14				
11/27/17 11/28/17	Life History/Management	Game mammals of Ga., QDM	Quiz covering populations Review PPTs and handouts In class assignments Debate QDM	*7,8 **a,b,c,
Week 15				
12/4/17 12/5/17	Life History/Management	Management of squirrels/rabbits Review for final exam Final Exam	Review PPTs and handouts In class assignments	*4,5,6,7,8 **a,b,c,
FALL SEMESTER ENDS				

*** Competency Areas:**

1. Taxonomy and Identification
1. Biogeography
3. Integument, Support, and Movement
4. Modes of Feeding
5. Adaptations to the Environment
6. Control Systems and Biological Rhythms
7. Reproduction
8. Populations
9. Life History and Management

****General Core Educational Competencies**

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.

- LABS ARE WEATHER DEPENDENT. Students are responsible for being prepared for all labs with weather appropriate clothing. Waders or boots are to be worn in labs. Students are encouraged to have a clean, dry set of clothing with them at all times. Clean, dry clothing may be kept in cabinet provided in storage room of FWMT lab.
- Boots, snake boots, waders, eye protection, polarized sunglasses.
- This is a web enhanced course. Copies of power point presentations will be placed on Blackboard. Students will receive emails from instructor through Blackboard and are expected to access Blackboard on a daily basis.
- **LESSON PLAN SUBJECT TO CHANGE AT INSTRUCTOR'S DISCRETION**