



FISH AND WILDLIFE MANAGEMENT (FWMT)
FWMT 1070 Mammalogy
COURSE SYLLABUS
Fall Semester 2019

COURSE INFORMATION

Credit Hours/Minutes: 3/3750

Class Location: Building (Bldg.) 6 Room #6110

Class Meets: Monday & Wednesday 11:00 am-12:00 pm & 1:00 pm-2:15 pm

Course Reference Number (CRN): 20213

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Sherry Sturgis

Email Address: [Sherry Sturgis ssturgis@southeasterntech.edu](mailto:Sherry.Sturgis@southeasterntech.edu)

Campus/Office Location: Swainsboro, Building 6, Room # 6110

Office Hours: 7:00 am to 9:00 am M-TH

Phone: 478-289-2303

Fax Number: 478-289-2328

Tutoring Hours: By appointment only

Professional Bio: I received my B.S. and M.S. in Biology from Georgia Southern University, with an emphasis in Ecology. I am an Ecologist, Conservationist, Wildlife Rehabilitator, and Environmental Educator.

Note: The schedule is subject to change. The weather may influence our labs. If we cannot go out in the field, we will use time wisely in class or the computer lab for assignments or research. We will have field trips, I will let you know as soon as I know these dates. Field trip are required, if you cannot attend a field trip, you need to discuss it with me ASAP.

Labs are a large percentage of this course. You need to attend all labs. Your grade will be impacted if you miss labs. Cell phone should not be out unless we are using them for class. Do not have cell phones out if we are working with equipment in the field.

SOUTHEASTERN TECHNICAL COLLEGE'S (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php) (<http://www.southeasterntech.edu/student-affairs/catalog-handbook.php>).

REQUIRED TEXT

Mammalogy-Adaptation, Diversity, Ecology by George A. Feldhamer

I will supply any diagrams, articles, and hand-outs related to the course.

Make-up tests and assignments only with a written excuse, approved by instructor. No labs will be made up and no alternative assignment given, only in special circumstances determined by instructor. No late work will be taken. If you miss the lab day, then you will receive no credit for the lab. If you miss an assignment given during class or lab time, it cannot be made up as well.

REQUIRED SUPPLIES & SOFTWARE

Pencils, paper, highlighter, field manual, boots, snake boots, muck boots, sunglasses, change of clothes, binoculars, etc... Access to computer with MS word. Requires student to be proficient in the use of Blackboard. This is a web enhanced course. Copies of PowerPoint presentations (PPTs) will be placed on Blackboard. Students are expected to access Blackboard on a regular basis.

COURSE DESCRIPTION

This course introduces the principles of wildlife management, including basic terminology, safety and orientation, and employment. Topics include compass and mapping techniques, first aid and CPR training, hunter safety and boating safety, organizations and agencies, and careers in natural resource management.

MAJOR COURSE COMPETENCIES

Taxonomy and Identification
Biogeography
Adaptations to the Environment
Populations
Integument, Support, and Movement
Modes of Feeding
Control Systems and Biological Rhythm
Reproduction
Life History and Management

PREREQUISITE(S)

None

GENERAL EDUCATION CORE COMPETENCIES

Southeastern Technical College 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 responsible for policies and procedures included in the Catalog and Handbook. FWMT students are responsible for keeping clean, weather appropriate, dry clothing with them at all times. Failure to have appropriate accessories (waders, boots) does not excuse any student from participating in all field labs.

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 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" (Failing 0-59) 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.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: Macy Gay mgay@southeasterntech.edu, 478-289-2274, Building 1, Room 1208

Vidalia Campus: Helen Thomas hthomas@southeasterntech.edu, 912-538-3126, Building A, Room 108

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 make arrangements with **the** appropriate campus coordinator.

Swainsboro Campus: Macy Gay mgay@southeasterntech.edu, 478-289-2274, Building 1, Room 1208

Vidalia Campus: Helen Thomas hthomas@southeasterntech.edu, 912-538-3126, Building A, Room 108

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (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" (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of "F" (Failing 0-59) being assigned.

Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal

procedure outlined above.

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. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

WITHDRAWAL PROCEDURE FOR LEARNING SUPPORT

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (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" (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Students who are dropped from courses due to attendance after drop/add until the 65% point of the semester will receive a "W" for the course.

Important – Student-initiated withdrawals are not allowed after the 65% point. Only instructors can drop students after the 65% point for violating the attendance procedure of the course. Students who are dropped from courses due to attendance after the 65% point will receive either a "WP" (Withdrawn Passing) or "WF" (Withdrawn Failing) for the semester.

Please Note - If a student withdraws or is withdrawn from a learning support class and is taking the co-req class also, the student will be withdrawn from that class as well. (Example: Student withdraws or is withdrawn from ENGL 0090, ENGL 00902 or ENGL 00903, they will also be withdrawn from the co-req of ENGL 1010 or ENGL 1101. If they are withdrawn from MATH 0090, they will be withdrawn from MATH 1012 or MATH 1111.) Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.

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. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)

No makeup labs will be available. If a student misses a test, a grade of zero will be assigned. Only students with extenuating circumstances (who contact the instructor on the day of the test regarding their absence) will be allowed to take a makeup test, which will replace the zero. Extenuating circumstances are determined at the instructor's discretion. Unless otherwise scheduled with the instructor, it is expected that the missed test will be taken the next day, scheduled outside of regular class time. It is within the instructor's discretion to accept or reject late assignments. **Failure to take the final exam/practicum at the end of the semester will result in a grade of zero. No make-up exams are allowed.** Students are expected to complete all work.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that 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 Southeastern Technical College Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

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

1. 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.

2. Second Offense

Student is given a grade of "WF" (Withdrawn Failing) 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.

3. 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 third 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

The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member 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).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 108 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas ljonas@southeasterntech.edu

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College'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 [Southeastern Technical College \(STC\) Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (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.

GRADING POLICY

Assessment/Assignment	Percentage
Lab and lab summaries	25%
Exams	30%
Final Exam	20%
Assignments	10%
Project	10%
Participation	5%

GRADING SCALE

Letter Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

FISH AND WILDLIFE MANAGEMENT
FWMT 1000 Introduction to Wildlife Management
Fall Semester 2019 Lesson Plan

Date/Week	Chapters	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 1 August 12 August 13 (First day of class)	Chapter 1 Intro to Mammalogy Taxonomy Mammals in North America Why study mammals?	Course Introduction Policies/procedures for class/lab What is Mammalogy? Taxonomy and Carolus Linnaeus Cladograms Identification of mammals of North America by skulls, tracks, pelts, and scat Scientific classification of mammals Three groups of mammals	Read any Power points posted Read assigned reading in textbook n/a no lab this week	1 **a,b,c

Date/Week	Chapters	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 2 August 19th	Chapter 2,4,5 History of mammals The evolution of mammals Handouts	The history of the classification of mammals Cladogram The evolution of mammals Taxonomy and Carolus Linnaeus Scientific classification of mammals Three groups of mammals Lab 1 Cladogram lab Mammal diversity	Read any Power points posted Read assigned reading in textbook Assignment 1 Select a mammal found in Georgia, use key features to identify Lab summaries are due no later than the week after the completed lab	*1,2 **a,b,c
Week 3 August 26	Chapters 2,4 Biogeography Study the ecogeographic rules of mammals Handouts	Biogeography Common mammals of North America Common mammals found in Georgia Game & non-game species Lab 2 Rat dissection lab	Read any Power points posted Read assigned reading in textbook Assignment 1 due Select a mammal found in Georgia, use key features to identify	*1,2 **a,b,c

Date/Week	Chapters	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 4 September 2	Chapter 7 The integument, support system, and movement	Differences between horns & antlers Growth & development of antlers Estimate age of animals using tooth wear and replacement Lab 3 How to ID mammals in lab and in the field	Read any Power points posted Read assigned reading in textbook Assignment 2 White-tail deer antler growth and development	*1,3,4 **a,b,c
Week 5 September 9	Chapter 7 The integument, support system, and movement	Mammal skulls Modes of locomotion of mammals Integument system Lab 4 Skin diagrams Study White-tail deer antlers and scores Test 1	Read any Power points posted Read assigned reading in textbook Assignment 2 due- White-tail deer antler growth and development	*3,4 **a,b,c
Week 6 September 16	Chapter 7 The integument, support system, and movement Chapter 8 Modes of feeding	Mammal skulls Modes of locomotion of mammals Integument system The differences between claws, nails, and hooves Lab 5 Study White-tail deer antlers and scores continues Teeth wear and replacement lab	Read any Power points posted Read assigned reading in textbook	*3,4 **a,b,c

Date/Week	Chapters	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 7 Sept 23	Chapter 8 Modes of feeding	Insectivores, herbivores, carnivores, and omnivores Modes of capture and processing of food for the different feeding habits Lab 6 Study mammal skulls and label parts	Read any Power points posted Read assigned reading in textbook Assignment 3 The mammal skull	*4 **a,b,c
Week 8 September 30	Chapter 8, 9 Modes of feeding Feeding styles	Insectivores, herbivores, carnivores, and omnivores Modes of capture and processing of food for the different feeding habits Lab 7 Look for signs of mammals, Set small mammal traps	Read any Power points posted Read assigned reading in textbook Assignment 3 due The mammal skull	*4, 5 **a,b,c
Week 9 October 7	Chapter 10 Environmental Adaptations	Environmental adaptations Homeostasis How mammals acclimate to hot & cold environments Lab 8 Outdoor lab-looking for White-tail deer signs	Read any Power points posted Read assigned reading in textbook	*2,3,4,5,6,7 **a,b,c
Week 10 October 14 October 14th (Last day to drop without penalty)	Chapter 9 Control systems & Biological Rhythms	Scent glands of White-tail deer Endocrine system Patterns of activity Lab 9 The endocrine system lab Diagrams and video Test 2	Read any Power points posted Read assigned reading in textbook Assignment 4 How a particular species adapts to its environment, you select a species	*2,3,4,5,6,7 **a,b,c

Date/Week	Chapters	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 11 October 21	Chapter 11 Reproduction In Mammals	Reproduction In Mammals Mating strategies of various animals Gestation periods of game mammals in Georgia Lab 10 Study gestation of the White-tail deer	Read any Power points posted Read assigned reading in textbook Assignment 4 due How a particular species adapts to its environment, you select a species	*5,6,7 **a,c
Week 12 October 28	Chapter 26 Populations	Population Biology Population Biology activity What factors impact populations Carrying capacity Lab 11 Project time in computer lab	Read any Power points posted Read assigned reading in textbook	*6,7 **a,c
Week 13 November 4	n/a not in textbook Life History and management In Georgia	Life histories of game mammals in Georgia Management practices for White-tail deer herds Lab 12 White-tail deer dissection	Read any Power points posted Read assigned reading in textbook Assignment 5 Reproduction in mammals	*7,8 **a,b,c
Week 14 November 11	n/a Not in textbook Life History and management In Georgia	Life histories of game mammals in Georgia Management practices for White-tail deer herds in Georgia Management practices for squirrels and rabbits in Georgia Lab 13 On location outdoor lab	Read any Power points posted Read assigned reading in textbook Assignment 5 due Reproduction in mammals	*7,8 **a,b,c

Date/Week	Chapters	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 15 November 18	Chapter 30 Conservation	Conservation efforts in Georgia Test 3 Lab 14 On location outdoor lab Projects due	Read any Power points posted Read assigned reading in textbook n/a	*4,5,6,7,8 **a,b,c
Week 16 November 25 Holiday-Thanksgiving	Review for Final	Review for Final	Read any Power points posted Read assigned reading in textbook Review for Final	n/a
Week 17 December 2 (last day of class) December 3 & 4 Finals	Review/Finals	Review/Finals	Review/Finals	n/a

COMPETENCY AREAS:

Taxonomy and Identification
Biogeography
Adaptations to the Environment
Populations
Integument, Support, and Movement
Modes of Feeding
Control Systems and Biological Rhythm
Reproduction
Life History and Management

GENERAL CORE EDUCATIONAL COMPETENCIES:

- The ability to utilize standard written English.
 - The ability to solve practical mathematical problems.
 - 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.

- PowerPoint presentations will be placed on Blackboard. Students are responsible for studying these PowerPoints. Notifications and announcements will be placed on Blackboard. **Students are responsible for checking Blackboard daily.**
- **LESSON PLAN SUBJECT TO CHANGE AT INSTRUCTOR'S DISCRETION**