



**FISH AND WILDLIFE MANAGEMENT (FWMT)**  
**FWMT 1060 Ornithology**  
**COURSE SYLLABUS**  
**Summer Semester 2019**

**COURSE INFORMATION**

**Credit Hours/Minutes:** 3/3000

**Campus/Class Location:** Swainsboro Campus, Building 6, Room #6110

**Class Meets:** Wednesday 9:00 am-12:20 pm & 1:20-4:05 pm

**Course Reference Number (CRN):** 60162

**INSTRUCTOR CONTACT INFORMATION**

**Instructor Name:** Sherry Sturgis

**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.

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

**Office Hours:** 7:00 am to 9:00 am M-W and 8-12 TH

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

**Phone:** 478-289-2303, cell (912-682-2376, text me first)

**Fax Number:** 478-289-2328

**Tutoring Hours:** By appointment only

**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 project research. We will have field trips, I will let you know as soon as I know these dates.

Our lab time will be spent mostly in local aquatic systems. We still may travel out of our area. Labs are a large percentage of this course. You need to attend all labs, especially due to the fact that this is a short session. Your grade will be impacted if you miss labs. Your grade will also be affected by not participating in labs while in the field. You will not be able to do the lab summaries and receive a grade, if you are not present. Cell phone should not be out in lab, unless we are using them for class.

**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**

*Waterfowl of Eastern North America*, Chris Early; any Field Guide to the Birds of North America  
**I will supply related handouts, articles, and lab materials.**

## **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 covers the biology, ecology, and management of birds of North America. Emphasis is placed on the study of waterfowl and upland game birds. Upon completion students should understand the biology and ecology of game birds and explain management practices for sustainable harvest.

## **MAJOR COURSE COMPETENCIES**

1. Identification of Species
2. Migration
3. Courtship
4. Nesting, Growth, and Molting
5. Feeding
6. Populations
7. Habitat 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](mailto:Macy_Gay_mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

**Vidalia Campus:** [Helen Thomas hthomas@southeasterntech.edu](mailto: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](mailto:Macy_Gay_mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1208

**Vidalia Campus:** [Helen Thomas hthomas@southeasterntech.edu](mailto: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.

### **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.

**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.

### **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 (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, 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 nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student

life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

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

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

**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	30%
Exams	20%
Final Exam	20%
Articles/assignments	10%
Project	10%
Participation in discussions & lab activities	10%

## GRADING SCALE

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



Date/Week	Chapter/Lesson	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 2 May 20th	General characteristics Bird Anatomy Origin & evolution of birds Taxonomy Darwin's Finches How to identify a bird What is waterfowl? What is a game bird?	<b>Lab 1</b> Pigeon dissection Bird Anatomy We will study all external and all internal parts of a bird Feather structure & function Egg anatomy  <b>Check Bluebird boxes</b>	Read assigned reading in textbook  Review & study weekly PowerPoints (PPTs)  Assignment on stream order in class  <b>Research article 1 due on Archaeopteryx</b>  <b>Assignment 1 due</b> Article review of bird rookery  <b>Review for Test 1</b>	          1,2 a,b,c
Week 3 May 27	Adaptations for flight  Bird Physiology	Native Species  Migratory Species  Why do birds migrate?  Annual cycles of migration  What species migrate?  <b>Outdoor lab 2</b> Durden's Pond Bird Rookery Species ID, nesting sites <b>Check Bluebird boxes</b>	Read assigned reading in textbook  Review & study weekly PowerPoints (PPTs)  <b>Test 1</b>  <b>Article Assignment due Bird Rookery</b>  <b>Lab summary 1 due</b>	



Date/Week	Chapter/Lesson	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 4  June 3	Migration Flyways of North America Migratory birds Native species of birds	<b>Outdoor lab 3</b> Species that live in edge habitat and openings Various local sites  <b>Check Bluebird boxes</b>	Read assigned reading in textbook Review & study weekly PowerPoints (PPTs)  Assignment 2 Waterfowl species in Georgia <b>Lab summary 2</b>	2 a,b,c,
Week 5  June 10 <sup>th</sup>  Vocalization  Courtship  Mating  Reproduction  Nests and eggs	Waterfowl species  Game bird species  Mate Selection  Courtship  Mate Selection  Courtship  Nesting  Caring for young	Waterfowl species  Game bird species  Mate Selection  Courtship  Nesting Growth, Brood rearing, and molting  <b>Outdoor lab 4</b> Waterfowl and game species various local sites  <b>Check Bluebird boxes</b>	Read assigned reading in textbook Review & study weekly PowerPoints (PPTs)  <b>Article on Water Bird species found at Durden's pond due</b>  <b>Assignment 2 due</b>  <b>Lab summary 3 due</b> <b>Review test 2</b>	1,2, 3,4 a,b,c,

Date/Week	Chapter/Lesson	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 6  June 17th	Nesting  Caring for young  Feeding  Bird Populations  Bird Diseases	Nesting  Feeding  Bird Growth, Brood rearing, and molting  Populations  <b>Outdoor lab 5</b> Upland and Woodland bird species Various local sites <b>Check Bluebird boxes</b>	Read assigned reading in textbook Review & study weekly PowerPoints (PPTs)  Assignment 3 Game species in Georgia  <b>Lab summary 4 due</b> <b>Review test 2</b> <b>Test 2</b>	4,5,6 a,b,c,
Week 7  Week of June 24	Populations  Bird Diseases  Brood parasitism  Management Of species  Conservation Of rare and endangered species	Population dynamics  Bird predation  Conservation  Why should we care?  Protected and endangered bird species Conservation plan for rare and endemic bird species  <b>Outdoor lab 6</b> Urban Birds Common backyard bird ID Various local sites  <b>Check Bluebird boxes</b>	Read assigned reading in textbook Review & study weekly PowerPoints (PPTs)  <b>Research article on the Bachman's Sparrow due</b>  <b>Assignment 3 due</b>  <b>Test 2</b>  <b>Projects due</b>  <b>Lab summary 5 due</b>	5,6 a,b,c,
Week 8  July 1 <b>Holiday Student Break</b> <b>No Classes</b>	n/a	n/a	n/a	n/a

Date/Week	Chapter/Lesson	Topics, Lab/field days	Assignments & Tests Due Dates	Competency Area
Week 9 July 15	Conservation Of rare and endangered species  action plan for future for RCW  Management of species  Review of finals <b>Projects</b>	Protected and endangered bird species  Conservation plan for rare and endemic bird species  RCW  <b>Outdoor lab 7</b> <b>Birds of prey</b> <b>GSU</b> <b>Various local sites</b> <b>Check Bluebird boxes</b>	Read assigned reading in textbook  <b>Assignment 4 due</b>  <b>Research article on the Bachman's Sparrow</b>  <b>Projects due</b>  Review for final  <b>Lab summary 6 due</b>	6,7 a,b,c,
Week 10  July 22 <b>July 23, Summer Semester Ends</b> <b>July 24, Finals</b>	<b>Projects</b> <b>Finals</b>	No lab Review Finals	<b>Bachman Sparrow article due</b> <b>summary 7 due</b> <b>Finals</b>	n/a

#### COMPETENCY AREAS:

1. Identification of Species
2. Migration
3. Courtship
4. Nesting, Growth, and Molting
5. Feeding
6. Populations
7. Habitat 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.

- 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**