



**FISH AND WILDLIFE MANAGEMENT (FWMT)  
FWMT 1050 ICHTHYOLOGY  
COURSE SYLLABUS  
Spring Semester 2018**

**COURSE INFORMATION**

Credit Hours/Minutes: 3/3000  
Class Location: Building (Bldg.) 6 Room 6110  
Class Meets: Thursday, 9:15 a.m. – 12:40 p.m.  
Course Reference Number (CRN): 40150

**INSTRUCTOR CONTACT INFORMATION**

Instructor Name: Jill Lehman  
Office Location: BLDG. 6 Room 6110  
Office Hours: Wednesday, 3:30-5:30 p.m., Thursday, 2:00-5:00 p.m.  
Email Address: [Jill Lehman jlehman@southeasterntech.edu](mailto:jill.lehman@southeasterntech.edu)  
Phone: 478-289-2303  
Fax Number: 478-289-2328  
Tutoring Hours (if applicable): As Needed

**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**

All-Weather Field Notebook #350. National Audubon Society Field Guide to Fishes ISBN 9-780375412240  
Firepot Stories by R. Joseph Hamilton ISBN 978-1-929647-32-3.

**REQUIRED SUPPLIES & SOFTWARE:**

Pencils, paper, highlighter, field manual, boots, snake boots, muck boots, sunglasses. Access to computer with Microsoft 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 will receive emails from instructor through Blackboard and are expected to access Blackboard on a regular basis.

**COURSE DESCRIPTION**

This course introduces the freshwater fish species of North America. Emphasis is placed on the identification, biology, and ecology. Upon completion students should be able to recognize the common freshwater fish of Georgia and demonstrate knowledge of the biology and ecology.

**MAJOR COURSE COMPETENCIES**

Topics include taxonomy, natural history and habitat, form and function, sensory systems, locomotion and feeding, juveniles, adults, age, growth, behavior and ecology.

## **PREREQUISITE(S)**

None

## **COURSE OUTLINE**

1. Taxonomy
2. Natural History and Habitat
3. Form and function
4. Sensory Systems
5. Locomotion and Feeding
6. Juveniles, Adults, Age, Growth
7. Behavior and Ecology

## **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. Fish and Wildlife Management 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 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.

## **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 \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, 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 \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126.

## **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" (Withdrawn) 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 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.)**

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 test will be taken the next day, scheduled outside of regular class time. Failure to follow this procedure will result in a grade of zero.

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. Any late assignments accepted will be subject to a ten-point penalty each day the assignment is late. After three class meetings, no late assignments will be accepted; a zero will be recorded.

## **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:

| <b>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</b>  | <b>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</b>  |
|--|--|
| Helen Thomas, Special Needs Specialist<br>Vidalia Campus<br>3001 East 1 <sup>st</sup> Street, Vidalia<br>Office 108 Phone: 912-538-3126<br>Email: <a href="mailto:hthomas@southeasterntech.edu">Helen Thomas</a><br><a href="mailto:hthomas@southeasterntech.edu">hthomas@southeasterntech.edu</a> | Blythe Wilcox, Director of Human Resources<br>Vidalia Campus<br>3001 East 1 <sup>st</sup> Street, Vidalia<br>Office 138B Phone: 912-538-3147<br>Email: <a href="mailto:bwilcox@southeasterntech.edu">Blythe Wilcox</a><br><a href="mailto:bwilcox@southeasterntech.edu">bwilcox@southeasterntech.edu</a> |

## 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 BannerWeb 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                   | 30%        |
| Quizzes               | 30%        |
| Exams                 | 40%        |

## GRADING SCALE

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

## FWMT 1050 Ichthyology Spring Semester 2018 Lesson Plan

| <b>Date/Week</b> | <b>Chapter/Lesson</b>      | <b>Content</b>  | <b>Assignments &amp; Tests<br/>Due Dates</b>           | <b>Competency<br/>Area</b> |
|------------------|----------------------------|---|--|----------------------------|
| Week 1           | Taxonomy                   | Syllabus, Policies/Procedures for lab<br>Fish Identification, Species<br>development<br>Handouts/PowerPoints (PPTs) | Study fish I.D.<br>handouts/ PPTs                      | 1<br>a,b,c                 |
| Week 2           | Natural<br>History/Habitat | Distribution of species.<br>Quiz over fish I.D.<br>Species classification/habitat                                   | In class assignment,<br>classification handout         | 2<br>a,c                   |
| Week 3           | Natural<br>History/Habitat | Species diversity PPT<br>Quiz over Natural History  | Species diversity<br>handout                           | 2<br>a,b,c                 |
| Week 4           | Form and<br>Function       | Skeleton, skin, scales, fins  | In class labeling<br>exercises                         | 3<br>a,c                   |
| Week 5           | Form and<br>Function       | Mouth, tooth types, feeding   | In class labeling<br>exercises                         | 3<br>a,c                   |
| Week 6           | Form and<br>Function       | Gill structures, aquatic respiration<br>Mid Term Review<br>Mid Term Exam  | In class labeling<br>exercises<br>Mid Term Review      | 3<br>a,b,c                 |
| Week 7           | Sensory System             | Vision/ Snell's window<br>PPTs/handouts   | Study PPTs, handouts<br>In class labeling<br>exercises | 4<br>a,c                   |
| Week 8           | Sensory System             | Chemical senses, lateral line, rite<br>mirable  | In class labeling<br>exercises<br>PPTs, handouts       | 4<br>a,c                   |
| Week 9           | Sensory System             | Auditory, mechanical, electrical<br>systems PPTs, handouts<br>Quiz over weeks 7,8,9                                 | In class labeling<br>exercises                         | 4<br>a,c                   |
| Week 10          | Locomotion                 | Swimming/fins   | Discussion, labeling<br>exercises                      | 5<br>a,c                   |
| Week 11          | Locomotion                 | Feeding morphology  | Discuss Predator/Prey<br>fishes                        | 5<br>a,c                   |
| Week 12          | Ageing                     | Immature, underdeveloped<br>physiology  | Study handouts   | 6<br>a,b,c                 |

| Date/Week | Chapter/Lesson       | Content  | Assignments & Tests Due Dates  | Competency Area  |
|-----------|----------------------|--|--|------------------|
| Week 13   | Ageing               | Spawning adults<br>Young of Year   | Identify spawning beds/habits<br>Identify YOY  | 6<br>a,b,c       |
| Week 14   | Behavior and Ecology | Quiz over ageing 11/19/2013<br>Predatory behaviors<br>Prey behaviors                           | Describe predator/prey behaviors   | 7<br>a,c         |
| Week 15   | Behavior and Ecology | Social behaviors and reproduction<br>Cycles of activity<br>Review for final exam<br>Final Exam | Describe courtship behaviors, nest building, nest protection<br>Describe cold water feeding activities<br>Describe warm water feeding/ reproduction activities | 4,5,6,7<br>a,b,c |

#### **COMPETENCY AREAS: FWMT 1050 ICHTHYOLOGY**

1. Taxonomy
2. Natural History and Habitat
3. Form and function
4. Sensory Systems
5. Locomotion and Feeding
6. Juveniles, Adults, Age, Growth
7. Behavior and Ecology

#### **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**