



**FWMT 2030 Fish Pond Management
COURSE SYLLABUS
Lecture/Lab Web Enhanced
Spring Semester 2016**

Semester: Spring 2014
Course Title: Fish Pond Management
Course Number: FWMT 2030
Credit Hours/ Minutes: 3 / 3800
Class Location: Room # 6110 Bldg. 6
Class Meets: 2:00-4:15 MT
CRN: 40253

Instructor: Jill Lehman
Office Hours: 4:00-5:00 MTW
Office Location: ROOM 6111 BUILDING 6
Email Address: jlehman@southeasterntech.edu
Phone: 478-289-2303
Fax Number: 478-289-2328
Tutoring Hours: As Needed

REQUIRED TEXT: Water Weeds and Algae, ISBN 38005-93101. National Audubon society Field Guide to Fishes. ISBN 9-7803754-12240 Adventures in Green and Gray ISBN 0-9743579-0-1 All-Weather Field Notebook #350.

REQUIRED SUPPLIES & SOFTWARE: Pencil or pen and notebook. Access to computer with MS Word. Requires student to be proficient in the use of Blackboard. Boots, snake boots, waders, 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 regular basis.

COURSE DESCRIPTION: This course covers the management of fish ponds. Emphasis is placed on the techniques used to maintain a healthy and productive pond for sport and recreation fishing. Upon completion students should be familiar with pond management techniques.

MAJOR COURSE COMPETENCIES: Topics include site selection and construction, water parameter testing, application of water amendments, stocking, aquatic weed identification and control, nuisance control, and sampling techniques

PREREQUISITE(S): None

COURSE OUTLINE:

1. Site Selection
2. Pond Construction
3. Water Parameter Testing
4. Liming and Fertilization
5. Stocking
6. Harvesting
7. Aquatic Weed Identification
8. Aquatic Weed Control
9. Nuisance Control
10. Sampling Techniques

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.
4. The ability to utilize basic computer skills.

All students pursuing a degree, a diploma, or a Technical Certificate of Credit with a General Education component will be required to pass the General Education Competency Exams prior to graduation.

STUDENT REQUIREMENTS: Students are expected to complete test and assignments by the due dates. 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. Students are responsible for policies and procedures included in the *STC E-Catalog*.

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.

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 Jan Brantley, Room 1208 Swainsboro Campus, 478-289-2274, or Helen Thomas, Room 108 Vidalia Campus, 912-538-3126, to coordinate reasonable accommodations.*

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 the Special Needs Office. Swainsboro Campus: Jan Brantley (478) 289-2274 -- Vidalia Campus: Helen Thomas Room 108 (912) 538-3126.

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 that 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.

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. Any zeros recorded will be included in the final score calculation.

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 BannerWeb via the mySTC portal or by clicking the Current Students link on the STC website at www.southeasterntech.edu.

GRADING POLICY

Tests	30%
Lab	30%
Quizzes/Class Assignments	20%
Final Exam	20%
Total	100%

GRADING

SCALE
A: 90-100
B: 80-89
C: 70-79
D: 60-69
F: 0-59

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 2030 Fish Pond Management Lesson Plan
SPRING SEMESTER 2016 LESSON PLAN

Date	Chap / Less	Content	Assignments & Tests Due	Comp Area
Week 1				
1/11/16 1/12/16	Course Introduction Site Selection	Syllabus, Policies/Procedures for lab Watershed characteristics, soil properties, watershed area	In class assignments Review PPTs and handouts 1.5 hr. lab 2 hr. lab	*1,2 **a,b,c,d
HOLIDAY 1/18/15				
Week 2				
1/19/16	Pond Construction	Soil properties, dam and core Overflow control Sloped sides and weed control	In class assignments Individual assignments Review PPTs and handouts 1.5 hr. lab	*1,2, **a,b,c,d
Week 3				
1/25/16 1/26/16	Water parameter testing	Quiz covering weeks 1&2 Water quality testing	Review PPTs and handouts In class assignments/demonstration 2 hr. lab	*3 **a,b,c
Week 4				
2/1/16 2/2/16	Water parameter testing	Dissolved oxygen, pH, temperature, clarity	2 hr. lab 2 hr. lab In class assignments Demonstration	*3 **a,b,c,d
Week 5				
2/8/16 2/9/16	Liming and Fertilization	Application of lime based on pH, fertilization/water amendments Quiz over weeks 3&4	2 hr. lab 2 hr. lab Review PPTs and handouts In class assignments	*4 **a,b,c,d
Week 6				
2/15/16 2/16/16	Stocking	Calculate appropriate numbers/species	In class assignments Demonstration Test: correct amount , species 2 hr. lab 2 hr. lab	*5,6 **a,b,c,d
Week 7				
2/22/16 2/23/16	Stocking	Harvest rates, harvest guidelines	2 hr. lab 2 hr. lab Review PPTs and handouts Individual assignments	*1,2,3,4, **a,b,c,d
Week 8				
2/29/16 3/1/16	Review for Midterm	Review for Midterm Midterm Exam	Review PPTs and handouts for Midterm Exam Question/answer session 2 hr. lab Mid Term Exam	*5,6 **A,B,C, D
Week 9				
3/7/16	Aquatic Weed Identification	Quiz covering Stocking Submerged weeds	2 hr. lab 2 hr. lab Review PPTs and handouts	*7 **a,b,c,d

3/8/16		Floating weeds	In class assignments	
3/14/16		Returning Student Registration		
Week 10				
3/14/16 3/15/16	Aquatic Weed	Floating weeds Emergent weeds	Review PPTs and handouts 2 hr. lab 2 hr. lab	*7 **a,b,c,d
Week 11				
3/21/16 3/22/16	Aquatic Weed Herbicides	Labels: reading and interpreting Noxious aquatic weed control	Review PPTs and handouts In class assignments Individual assignments 2 hr. lab 2 hr. lab	*7 **a,b,c,d
Spring Break 3/28/16-3/31/16				
Week 12				
4/4/16 4/5/16	Nuisance Control	Quiz covering Aquatic weed ID and control Pond nuisance species track, scat, skull ID	2 hr. lab 2 hr. lab Review PPTs, handouts Individual assignments	*8 **a,b,c
Week 13				
4/11/16 4/12/16	Sampling Techniques	Fish population parameters, seines	Review PPTs and handouts, individual assignments 2 hr. lab 2 hr. lab	*8 **a,b,c,d
Week 14				
4/18/16 4/19/16	Sampling Techniques	Seine, rod/reel electro-fishing	Review PPTs and handouts In class assignments 2 hr. lab 4/15 2 hr. lab 4/16	*5,6,7,8 **a,b,c,d
Week 15				
4/25/16 4/26/16	Sampling Techniques	Quiz covering Nuisance control and sampling techniques Review for Final Exam	2 hr. lab 4/22 Review PPTs and handouts, Question/answer study class	*1,2,3,4,5, 6,7,8 **a,b,c,d
5/2/16		Final Exam		
SEMESTER ENDS 5/5/16				

FWMT 2030 Fish Pond Management

* Competency Areas:

1. Site Selection
2. Pond construction
3. Water Parameter Testing
4. Liming and Fertilization
5. Stocking
6. Harvesting
7. Aquatic Weed Identification and Control
8. Nuisance Control

**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.
- d) The ability to utilize basic computer skills.

- THERE WILL BE A TOTAL OF 51 HOURS OF LAB.
- 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.**
- **There are a total of 16 power point presentations on Angel. Students are responsible for printing these presentations. It is suggested students print 3 slides per page as handouts. This will accommodate note taking.**
- **LESSON PLAN SUBJECT TO CHANGE AT INSTRUCTOR'S DISCRETION**