

Abraham Baldwin Agricultural College

Tifton, Georgia

AGRP 1126: PESTICIDE APPLICATION (1 credit hour)

Spring Semester, 2010

4:00-4:50pm, Mon., Wed. (CRN 30284)

109 Environmental Horticulture Building

INSTRUCTOR:

Alan Murphy, Agriculture Division

OFFICE: 102 Environmental Horticulture Technology Building

OFFICE HOURS: (Spring Semester, 2010)

Tues: 9:00am – 12:00pm; 1:00pm – 5:00pm

Wed: 1:00pm – 3:00pm

Thurs: 9:00am – 12:00pm

Fri: 1:00pm – 3:00pm (by appointment)

Other times by appointment.

My class schedule and office hours will be posted by my office door, in the classroom and on my Web site.

PHONE: 229-391-4806 E-MAIL: amurphy@abac.edu

WEBSITE: <http://www.abac.edu/amurphy/>

TEXTBOOK:

Faculty and Staff. 2009. *Georgia Pest Management Handbook*

Pesticide Application Workbook Exercises. (Available online from instructor).

SUPPLIES:

Pen, notebook, calculator.

DESCRIPTION:

This course is designed to prepare students to choose and correctly apply pesticides. Special emphasis is placed on agronomic plants and turfgrass.

LEARNING OUTCOMES:

Students will:

1. Be able to correctly calibrate a sprayer (determine volume being applied per unit area) based on information gathered under actual field conditions.
2. Correctly choose an appropriate pesticide from the Georgia Pest Management Handbook, based on crop, pest, and application type given.
3. Correctly determine the appropriate application rate of formulated product based on recommendations in the Georgia Pest Management Handbook and the pesticide label.
4. Recognize and know the functions of basic sprayer components.
5. Given appropriate information, be able to perform accurate mixing calculations, including total amounts of pesticide needed and the amounts to mix in a sprayer tank.

OUTLINE:

Basic concepts related to pesticide application; Pesticide Equipment; Use of the Georgia Pest Management Handbook; the Pesticide Label; Calculation of pesticide needs; Equipment Calibration.

LABORATORY:

This is a laboratory-based course: lecture and laboratory activities will be conducted in the same class period.

GRADING:

The grading system is the same as outlined in the college catalog:

A (4.0). . . 90-100%	D (1.0). . . 60-69.9%
B (3.0). . . 80-89.9%	F (0.0). . . 0-59.9%
C (2.0). . . 70-79.9%	

Environmental Horticulture Students: A grade of "C" or better is required for all courses with HORT, AENG, AENT, **AGRP**, AGRY and CRSS prefixes; and ENGL 1101 and MATH 1002.

EVALUATION:

Semester average determined by using the following percentages.

Workbook Exercises (6 at 3%) 18%

Exercises will be graded on completion and accuracy

Late exercises can be turned in for a maximum of 70% credit

Exercises are considered late if submitted two or more class meetings after the due date.

Due dates for exercises are identified in the course calendar

No exercises will be accepted after the last class meeting

Weekly Quizzes (4 at 8%) 32%

*Quizzes involving chain calculations, (where the answer from one question forms the basis for the next): Make-up quizzes will be available and are encouraged for any student scoring less than 70%. **Make-up quizzes for low grades will NOT be offered for other quizzes, or the final written or practical exams.***

All quizzes must be taken before attempting the Field Calibration Exam

No make-up quizzes will be given after the Field Calibration Exam.

Field Calibration Exam 20%

Final Exam 30%

Total 100%

The final exam will be at **2:45pm, Mon., May 3**

ATTENDANCE:

Be There! Class attendance is expected!

While ABAC does not have a college-wide defined penalty for poor class attendance, the principles outlined in the college catalog in the section on class attendance are pertinent and valid.

In part, the catalog states that:

“To attain maximum success, students must attend all their classes, be on time, and attend all scheduled course activities including, but not limited to, field trips, seminars, study sessions, individual conferences, and lectures. This interaction with instructors and other students is an important element of the learning process, and a high correlation exists between class attendance and course grades. A student must understand the importance of regular participation in classroom and laboratory activities. The absence of any student affects not only his or her performance but the performance of the class as a whole. Absence from class, for whatever reason, does not excuse a student from full responsibility for class work or assignments missed. Students must accept this responsibility. “

I have decided to adopt the following policy for my courses: **Students whose number of unexcused absences is more than twice the number of class meetings per week (the equivalent of two weeks of instruction) will receive a grade of “F” for the course. Final determination of what constitutes an excused absence rests with the classroom instructor.**

Whenever a student is absent, whether for official or personal reasons, the student must assume responsibility and provide notice to the instructor, preferably in advance, for making arrangements for any assignments and class work missed because of the absence. However, final approval for make up work remains with the instructor.

A student who stops attending class without officially withdrawing from the course is subject to this attendance policy and will receive a grade of “F” for the course.

A student penalized for excessive absences may appeal through the grade appeal process, as stated in ABAC’s college catalog and student handbook.

WITHDRAWAL:

(Spring Semester, 2010)

The final date to withdraw from this course with a grade of “W” is **Thursday March 4, 2010 at 4:30pm**. Please see the current ABAC Catalog section on “Withdrawals” in the section on “Academic Policies” at http://www.abac.edu/catalog/2009_2010/AcademicPolicy.pdf for a description of withdrawal reasons and policies.

CLASSROOM POLICIES:

See Classroom Policies Document at

<http://www.abac.edu/amurphy/CLASSROOM-POLICIES.pdf>