

TIMBER MANAGEMENT (FRSC 2290)

Credit Hours: 5

Dr. R. W. Brown

PREREQUISITES: FRSC 2243, FRSC 2255 & FRSC 2265

TEXTBOOK: none

SUPPLIES: calculator

<u>GRADES:</u>		<u>Points</u>
	Two lecture exams	400
	Final examination	250
	Lab Assignments	200
	<u>Quizzes</u>	<u>150</u>
	Total	1000

<u>Grade</u>	<u>Points</u>
A	900 - 1000
B	800 - 899
C	700 - 799
D	600 - 699
F	< 600

OBJECTIVES:

Learn techniques for measuring and predicting timber growth and yield. This will include instruction in the use of a popular growth and yield prediction software for southern pines (SIMS 06).

Learn the various types of business organization and their advantages/disadvantages.

Master the basic concepts of forest finance (compounding, discounting, rates of return).

Learn to evaluate management strategies using various investment criteria (NPV, IRR etc.).

Learn techniques for appraisal of premerchantable timber.

Examine timber sale contracts (basic elements, terminology) and their proper construction.

Examine and calculate the effects of tax laws on timber sale income and forestry investments.

R. W. Brown

06/01/09

TIMBER MANAGEMENT
(FRSC 2290)

Course Outline

1. Growth and Yield Prediction
 1. Evaluating site quality
 2. Growing stock and stand density
 3. Predicting Growth and Yield

2. Financial Aspects of Timber Management
 1. Business organization
 2. Forest finance
 3. Taxes and risk

3. Timber Management Planning
 1. Basic concepts
 2. Stand-level management planning

Note: Computer software (SIMS 2006; Excel spreadsheets; ArcView) will be used for problem-solving in lab exercises.

COURSE PROCEDURES

INSTRUCTOR: Dr. R. W. Brown
Room 129, Yow F/W Bldg.
Phone: 391-4795
E-Mail: rbrown@abac.edu

ATTENDANCE: Students are expected to attend every class meeting. If absent, it is the student's responsibility to obtain the information that was missed. Make-up quizzes and exams will only be given when an absence is excused in advance by the instructor, or when the absence is due to a medical emergency. Make-up of lab exercises will often be impossible. Class attendance records will be kept by means of seating chart. Refer to the attached attendance policy for specifics.

CONDUCT: The following rules of conduct shall govern the behavior of all students in this course. Failure to observe these rules may result in dismissal from this course.

No eating or drinking is allowed in the classroom or indoor lab areas.

No smoking or other use of tobacco is allowed in the classroom, indoor lab areas, or in college vehicles used to transport students to field labs.

Students must wear appropriate clothing during field lab exercises as announced in advance by the instructor.

Students are expected to conduct themselves in a mature and safe manner. No dangerous actions or activities will be tolerated.

Note: Dates of scheduled examinations and field trips, and due dates for projects and reports will be announced in class well in advance.

My standard office hours are posted beside office door (Room 129).

06/01/09

ABAC Class Attendance Policy

Courses at Abraham Baldwin Agricultural College are provided for the intellectual growth and

development of students. The 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. Therefore to attain maximum success, students should attend all their classes, be on time, and attend all scheduled course activities. **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.

Individual instructors will establish attendance policies for each class and will publish the policy in the course syllabus (see below). The penalty for absences is at the discretion of the instructor and may include failure of the course. Whenever a student is absent, the student must assume responsibility for making arrangements for any assignments missed due to the absence, if allowed by the attendance policy.

A student who stops attending class without officially withdrawing will still receive a grade 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.

** Amended 11/21/08*

Instructor's Attendance Policy for FRSC 2290

Students whose number of unexcused absences is more than the number of class meetings per week (the equivalent of two weeks of instruction on a standard semester basis) will receive a grade of "F" for the course. Final determination of what constitutes an excused absence rests with the instructor.

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