

FOR 401 FOREST MANAGEMENT COURSE SYLLABUS

Winter 2007

INSTRUCTOR: Dr. A. Gordon Holley
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OFFICE HOURS: I am generally in my office from 8:00 AM to 5:30 PM Monday through Friday. I am also available to meet with you at other times by appointment. Specific office hours are: M-F 10:45-12:00 and M & W 1:30-4:00

TEXT: Davis, Johnson, Bettinger, and Howard. 2001. Forest Management, 4th edition. Waveland Press, Inc.

PREREQUISITES: FOR-315 and FOR-320

CLASS

MEETINGS: Monday, Wednesday, and Friday, 9:30 – 10:45 am, 219 Reese Hall

IMPORTANT

DATES: Christmas break: Monday, Dec. 24 – Friday, Jan., 4
MLK holiday: Monday, Jan. 21
Marti Gras : Monday, Feb. 4 – Wednesday, Feb. 6

OBJECTIVES: This 3 credit course is designed to study the regulation of forest growing stock to meet management objectives. Specifically, the objectives are:

- to consider economic and social goals as determinants of timber production choices;
- to understand the necessity of private and public managers to consider all timber management decisions in the context of a larger multiple-use management problem; and
- to understand the need to justify, based on quantitative analysis, that management recommendations, decisions, and plans satisfy owner constraints and are the best of the alternative choices.

ATTENDANCE: The class attendance regulations as stated in the 2007-2008 Louisiana Tech University Bulletin (page 11) will be the policy of this class. In part, “Class attendance is regarded as an obligation as well as a privilege, and all students are expected to attend regularly and punctually all classes in which they are enrolled. Failure to do so may lead to suspension from the

college or university". You are expected to attend class and arrive on time. After the first three unexcused absences, you may expect your final grade to be reduced by one letter grade. Thereafter, every two classes missed will result in a deduction of another. Late work may not be accepted. Make-up exams will not be allowed without a valid excuse. Absences resulting from sickness must be excused with a note from a physician. Absences resulting from University related activities must be requested prior to the "missed class".

**GRADING
POLICY:**

Exams	75%
Assignments	25%

Letter grades earned are submitted in accordance with the guidelines below:

A	90.00 - 100.00
B	80.00 - 89.99
C	70.00 - 79.99
D	60.00 - 69.99
F	less than 60.00

**ACADEMIC
DISHONESTY:**

Academic dishonesty (e.g., cheating on an exam, copying between students on your written assignments, lending your paper or borrowing a paper from someone and copying in any way, and plagiarism such as quoting and/or paraphrasing a text without citing the author and the text and page references, etc.) will automatically result in a grade of "F" for the assignment. By "copying between students . . ." I mean not only word-for-word copying, but also the copying of content, with or without copying the same words and/or the same progression of ideas. Although you are encouraged to work with other students, you should avoid the physical act of writing a paper or assignment directly with your classmates. This will help avoid academic dishonesty of this type. The act of academic dishonesty may also be reported to the Forestry Department Head and/or the Office of Student Conduct where more serious action (e.g., suspension / expulsion) may be taken by the University.

SPECIAL ACCOMMODATIONS

FOR STUDENTS: According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his/her disability and to request accommodations. If you think that you have a qualified disability and need special accommodations, you should notify me and request verification of eligibility for accommodations from the Office of Student Disabilities. Please advise me of your disability as soon as possible, and contact Student Disability Services, to ensure timely implementation of appropriate accommodations. As a faculty member of this institution I have an obligation to respond upon receiving official notice of a disability. However, I have no obligation to provide retroactive accommodations.

**TENTATIVE TOPICS
TO BE COVERED:**

I. Past, Present, and Future Aspects of Forest Management

- A. Background and history of Forest Management
- B. Current status of Forest Management
- C. Future trends

II. Growth, Yield, and Stand Structure of Forests

- A. Site
- B. Stand density
- C. Stand structure
- D. Growth and yield
- E. Stand level yield predictions
- F. Models for predicting growth and yield

III. Financial Aspects of Forest Management

- A. Review of finance and time value of money
- B. Financial investment criteria

IV. Stand and Forest Level Management

- A. Volumetric maximization
- C. Financial maximization
- B. Area regulation
- C. Volume regulation
- D. Harvest Scheduling

V. Management Planning

- A. Elements of management plans
- B. Valuation: tree, stand, and forest