

FORESTRY 202
COURSE OUTLINE

Forestry 202 – Forest Fire – 2 credits. Forest fire control and use with emphasis on southern forests.

Meets: RH 219 11:00 – 12:15

Instructor: Dr. James Dyer; Lomax Hall, Rm. 13; Phone 257-4457; e-mail: dyer@latech.edu

Textbook: Pyne, Andrews, and Laven, 1996. Introduction to Wildland Fire Management in the United States. 2nd Edition. J. Wiley and Sons. 769pp.

Course Objectives: To help the student:

1. Appreciate fire as part of the natural environment.
2. Understand fire effects and behavior.
3. Become familiar with current methods of fire control.
4. Understand relation between fire management and forest management including social and economic effects.

Outline of Material Covered During Lecture Periods:

Fire as a natural phenomenon
Fire in North America, fire and forest type
Fire effects
Fire fuels
Fire weather
Combustion of fire fuels
Forest fire behavior
Fire danger rating
Hazard reduction
Fire use and prescribed burning

Grading:

Exam 1	25% of grade
Exam 2	25% of grade
Final Exam	40% of grade
Pop Quizzes/Hand in Material	10% of grade