NRM 450 FOREST MANAGEMENT


OTHER: Please obtain a “USERID” for the “aurora” computer from the Computer Support Group in the Library. A 5-10 page Term Paper will be required, details given in class.

Week 1  Introduction: Objectives, Scope
        Historical perspectives, Decision making, Forestry Issues,
        Readings: Davis & Johnson Ch. 1, & article by Carroll, Kammish. Ch. 1 &
        2.
Week 2  Biological & Ecological Basis of Forest Management
        Ecosystem Management – Landscape Management
        Readings: D& J Ch. 2 & 3 & Readings K. Chap. 3 & 4
Week 3  Information Needs/Inventory/Predicting Growth & Yield
        Readings: D & J Ch. 4 & 5, K. Ch. 5
Week 4  Review/Exam #1
Week 5  Forestry as a Business/Decision Analysis
        Readings: D & J. Ch. 6 & 7
Week 6  Financial Analysis/Planning
        Readings: D & J. Ch. 7 & 8
Week 7  Valuation/Taxes
        Readings: D & J. Ch. 9, 10,11, & 12
Week 8  Sustained Yield/Evenaged
        Readings: D & J. Ch. 13 & 14, K. Ch. 16
Week 9  Sustained Yield/Unevenaged
        Readings: D & J. Ch. 13 & 14, and handouts
Week 10 Exam #2
        Independent work & reading/To be announced
Week 11 Mathematical Programming/Harvest Scheduling/Models
        Readings: D & J. Ch. 15 & 16
Week 12 Simulation: Can you make money while sustaining yield?
        Simulation: Can you sustain yield while making money?
Week 13 Multiple Use/Sustained Yield/Ecosystem Management Revisited
Week 14 Special Topics/ Term Papers Due
        Open – Review
        Final Exam 1:00 – 3:00 p.m.

Grading Policy: The grade received in this course will be based upon performance on exams, homework assignments, term paper and classroom activities.

- Exams (including final) 70%
- Homework & Class activities 15%
- Term Paper 15%

The instructor reserves the right to modify the final grade in consideration of notable progress demonstrated by an individual, or unforeseen and extenuating circumstances. In such cases extra credit assignments and/or makeup work may be used at the discretion of the instructor.