

NRM 450 FOREST MANAGEMENT

TEXTS: Davis, Lawrence S. and K. Norman Johnson (1987) *Forest Management*. (3rd Edition), McGraw-Hill Book Company, New York, 790 p.
Kimmins, Hamish. 1992. *Balancing Act: Environmental Issues in Forestry*. UBC Press, Vancouver. 245 p.

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.