

NRM 375 - Forest Ecology

Instructor - John Yarie

Lectures - M and W 11:45A-12:45P (183 AHRB)

Lab - TH 2:00-5:00P (359 O'Neill)

Office Hrs - 337 O'Neill, 8A – 11A MTWT.

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Textbook - Forest Ecology, 3

~~http://www.uaf.edu/~jyarie/nrm375/~~

Lectures will cover the basic factors and the effects of major agents of change on species diversity. Students will be responsible for reading assignments, and assignments that should be completed prior to the lecture. Class discussions on selected reading assignments will occur periodically. Students are responsible for

Attendance

The student is responsible for all material distributed and presented in lectures and laboratory. Lecture attendance is important. Laboratory attendance is mandatory; please plan on attending each laboratory session. You will be part of a group and your lack of participation not only reflects upon you, but your entire group.

Grading

Your course grade consists of the following:

3 Exams (2 midterms and final)	65%
Lab report	35%
Total	100%
Extra Credit Lab report on lecture notes	5%

Grade Structure

A - 90 to 100
B - 80 to 89
C - 70 to 79
D - 60 to 69
F - \leq 59

Date

Laboratory Schedule

<u>Date</u>	<u>Topic</u>
Sept. 2	Introduction - Field Methods and Equipment
Sept. 9	Field Measurements – Inventory Plot
Sept. 16	Field Measurements – Inventory Plot
Sept. 23	Field Measurements – Inventory Plot
Sept. 30	Field Measurements – Inventory Plot Vegetation and Forest Floor Sampling
Oct. 7	T-Field Trip - Tree genetics and exotic species introductions
Oct. 14	Computer analysis of field data
Oct. 21	Laboratory Analysis - Soils and Start foliage analysis
Oct. 28	Tree Ring Measurements and Growth Analysis - Juday
Nov. 4	Laboratory Analysis – C and N concentrations in age sequence of foliage
Nov. 11	Computer Analysis based on Field Sampling
Nov. 18	Computer Analysis based on Field Sampling
Nov. 25	Thanksgiving Vacation
Dec. 2	Landscape Mapping - Verbyla
Dec. 9	To be arranged