

## **Biology 3461 - Plant Taxonomy - Spring 2008**

Instructor: Dr. David E. Lemke

Office: SCI 334 Office Hours: MWF 10:00–11:00, TuTh 8:00–9:00 or by appt.  
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### **Lecture Schedule**

Jan	14	Introduction
	16	Methods of Plant Identification
	23	Botanical Nomenclature
	28	Principles of Classification
	30	The Basis of Classification
Feb	04	Taxonomic Characters
	06	Exam 1
Apr	07	Flowering Plant Life Cycles
	09	Introduction to Pollination Biology
	14	Principles of Pollination Biology
	16	Floral Strategies
	21	Pollination Syndromes
	23	Specialized Pollination Syndromes
	28	Dispersal Mechanisms
	30	Exam 2 (11:00–1:30)

### **Lab Quiz Schedule**

Feb	11	Quiz 1
	25	Quiz 2
Mar	05	Quiz 3
	31	Quiz 4
Apr	14	Quiz 5
	28	Quiz 6

### **Course Outcomes**

Students in Bio 3461 will be introduced to the basic principles of biological classification with an emphasis on the vascular plants. Students will acquire the background, knowledge and skills necessary for making accurate identifications of the major group of flowering plants.

Text: Flora of North Central Texas by G. M. Diggs, Jr., B. L. Lipscomb and R. J. O'Kennon. Published 1999 by the Botanical Research Institute of Texas, Ft. Worth.

Grading: Lecture exams (2) 30%  
Laboratory quizzes (6) 40%  
Plant Collections (4) 30%

Important dates: 20 Mar (drop deadline)