

Biology 5319 - Topics in Botany (Agrostology) - Fall 2007

Instructor: Dr. David E. Lemke

Office: SUPP 334

Office Hours: MWF 11:00–12:00; TuTh 8:00–9:00, or by appt.

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Course Schedule

Aug	22	Introduction	
	27	Morphology of the Grass Plant	
	29	Vegetative Anatomy	
Sep	05	Anatomy (cont'd)	
	10	Reproductive Morphology: The Spikelet	
	12	Flowers and Fruits	
	17	Evolutionary Trends in Grasses	
	19	Family Classification	
	24	Subfamily Differentiation	
	26	Exam I	
	30	Pooideae: Poeae	
Oct	01	Pooideae: Aveneae	
	03	Pooideae: Triticeae	
	08	Pooideae: All the rest	
	10	Panicoideae: Paniceae I	
	15	Panicoideae: Paniceae II	
	17	Panicoideae: Paniceae III	
	22	Panicoideae: Paniceae IV	
	24	Exam II	
	29	ID Quiz	
	31	Panicoideae: Andropogoneae I	
Nov	05	Panicoideae: Andropogoneae II	
	07	Chloridoideae: Eragrosteae I	
	12	Chloridoideae: Eragrosteae II	
	14	Chloridoideae: Chlorideae	
	19	Chloridoideae: All the rest	
	26	Bambusoideae	
	28	Exam II	
Dec	03	ID Quiz	
Grading:	Lecture exams (3)	50%	
	ID quizzes (2)	50%	

Textbooks

Flora of North America Editorial Committee. 2003. Flora of North America, vol. 25.
Magnoliophyta: Commelinidae: Poaceae, part 2. Oxford University Press, New York.

Flora of North America Editorial Committee. 2007. Flora of North America, vol. 24.
Magnoliophyta: Commelinidae: Poaceae, part 1. Oxford University Press, New York.