

**INVERTEBRATE PALEONTOLOGY (51-309), 3 CREDITS, FALL 2006
LECTURE AND LAB SYLLABUS**

Instructor: Dan Lehrmann, Office: H-315. Office hours 11:30-1:40 MW; 3:00-5:10 F You are also welcome to visit me any other time you can catch me. I'm usually available outside of my class times.

Text: Prothero, Bringing Fossils to Life, 2nd ed.

Class Hours: Lecture: 10:20 – 11:20 MW; H-313
Lab: 10:20 – 12:30 R; H-313

Course Objectives:

- 1) To provide an overview of fundamental paleontologic principles such as the nature of fossils and the fossil record, concepts of organic evolution, methods of classification, biostratigraphy and paleoecology.
- 2) To learn the morphology, classification, life environments, and ranges of important invertebrate fossil groups in order to gain the basic paleontologic skills required for more advanced paleontologic and stratigraphic investigations.

*Summary of Course Schedule:

	<u>Prothero</u>		<u>Point value</u>
9-6 to 10-2	Ch. 1,3,4,5,7	Lecture exam-1: 10-2	100
9-7 to 10-12	Ch. 11, 12	Lab Quiz-1: 10-12	50
10-4 to 11-8	Ch. 13,14,15	Lecture exam-2: 11-8	100
10-12 to 11-2	Ch. 13,14	Lab Quiz-2: 11-2	50
11-13 to 12-13	Ch. 1,10,16,18	Lecture exam-3: 12-13	100
11-9 to 12-7	Ch. 15,16	Lab Quiz-3: 12-7	50
		Lab project due: 12-14	100
		total:	550

Grading:

Scores will not curved. Letter grades will be assigned according to the following averages: A (100 -90 %), A-B (89 - 85 %), B (84 - 80 %); B-C (79 - 75 %), C (74 - 70 %); C-D (69 - 65 %); D (64 - 60 %), F (< 60 %). **Lecture and lab attendance are required. If you fail to attend you will receive a failing grade.** I reserve the right to decrease a student's grade for disruptive or disrespectful behavior in the class (e.g. tardiness, sleeping, talking etc. etc.).

The semester lab project is a required part of this course; failure to complete it will result in a grade of incomplete. A field trip to Northeast Iowa (Oct. 13-15) is also required. Students unable to attend the field trip will complete an additional micropaleo slide for the semester project.

All make-up exams will be given on Dec. 15th, tentatively at 5:30 p in H-114.

* **See also attached lecture study guide and course calendar.**

