

**INVERTEBRATE PALEONTOLOGY (51-309), 3 CREDITS, FALL 2009
LECTURE AND LAB SYLLABUS**

Instructor: Dan Lehrmann, Office: H-315. Office hours 8:00-1010 MWR. 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: 1:50-4:00 – 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>
9-9 to 10-5	Ch. 1,3,4,5,7	Lecture exam-1: 10-5	100
9-10 to 10-8	Ch. 11, 12	Lab Quiz-1: 10-8	50
10-12 to 11-9	Ch. 13,14,15	Lecture exam-2: 11-9	100
10-15 to 11-5	Ch. 13,14	Lab Quiz-2: 11-9	50
11-11to 12-16	Ch. 1,10,16,18	Lecture exam-3: 12-16	100
11-12 to 12-3	Ch. 15,16	Lab Quiz-3: 12-3	50
		Lab project due: 12-10	100
		total:	550

Grading:

Scores will not curved. Letter grades will be assigned according to the following averages: A (93-100), A- (90-92), B+ (87-89), B (83-86), B- (80-82), C+ (75-79), C (70-74), D (60-69), F (<60)

Lecture and lab attendance are required. If you fail to attend you will receive a failing grade. I reserve the right to modify a student's grade as I like to reflect attitude and participation in class and to decrease a student's grade for disruptive or disrespectful behavior in class (e.g. tardiness, sleeping, talking etc. etc.).

The semester lab project is a required part of this course; failure to complete it adequately will result in a grade of Fail. A field trip to Northeast Iowa (Oct. 18-19) is "optional". 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. 16th, tentatively at 5:30 p in H-313.