

Name of School:

Name of Course: **Invertebrate Zoology**

Instructor Information

Name:

E-mail address:

School phone number:

Web page address:

Best times to be reached:

Course Description

This one-term course provides students with the detailed study of and laboratory activities involving animals without a backbone. An emphasis is placed on animal development, relationships, structures, behavior and natural history.

District Standards and Power Benchmarks

Standard 1: Understands and applies the principles of scientific inquiry

Benchmark A: Formulates and revises scientific explanations and models

Benchmark B: Understands how scientific knowledge changes with new evidence

Benchmark C: Uses technology and mathematics to perform accurate scientific investigations and communications

Benchmark D: Demonstrates safe handling procedures

Standard 2: Understands and applies the principles of life science

Benchmark A: Analyzes the continuity and diversity of life in terms of structure and function of the major phyla

Course Information

This is a one-term class with no pre-requisites. 0.5 credits per term will awarded for this class. This class is aimed for college bound students and daily work will be assigned.

Course Outline/Calendar

Scientific Method/Lab Safety

Continuity of Life

Diversity of Life

Text/Other Required Materials/Resources

Buchsbaum, et al. (1987). *Animals without Backbones*. Chicago, IL: University of Chicago Press.

Kaskel, et al. (1998). *Biology Visualizing Life*. New York, NY: Holt Publishers.

Instructional Procedures & Support

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Classroom Management Procedures

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Assessment Plan

The students are assessed on a point system. In addition to classwork, labs, tests and quizzes, the students are assessed on: district performance-based assessments and a Spreadsheet Integration Project.

Grading System

92 – 100	A
83 – 91	B
68 – 82	C
60 – 67	D
0 – 59	F