SYLLABUS

COURSE: Evolution Bio 4420.51

Bio 6735.81

Instructor: Anthony DeCandia

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Text: Introduction to Biological Evolution

Kardong

CLASS MEETINGS: Lecture - Monday 5:25 - 8:00

Theme:

Evolution as a biological and natural process.

OBJECTIVE:

Understanding of the processes which allow evolution to work, and the historical perspective which took place which helped to formulate the concepts behind the process of evolution.

EVALUATION:

Quizzes / Readings - 100 pts

Exams - 200 pts

Project - 200 pts

Final exam - 250 pts

ATTENDANCE:

Attendance to all classes is required. Absences will result in a reduction of points earned toward the final grade. To encourage regular attendance, pop quizzes will be given on a periodic basis (the quizzes cannot be made up). Homework assignments will be collected at the beginning of the class. If you cannot attend class, assignments can be left at the Science Office. If you miss class, it is your responsibility to obtain the assignments and any materials covered.
READING ASSIGNMENTS:

Each student will be assigned to read, summarize, analyze and discuss a number of readings throughout the year. The readings will be taken from periodicals, current event news stories, and scientific journals. Your summary and analysis shall be written out and turned in.

PROJECT:

The project will be discussed in detail during the first and second classes.

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Additional Requirements:

Students will be presenting selected information during the second half of the semester. The students will work in teams of two and select a chapter to present. The information will be collected from outside source, i.e. other than the text. An outline will be due for review by the Professor, two weeks before the presentation, with a draft teaching plan due the week before. All students will be responsible for the information presented.

CLASS SCHEDULE

Fall 2008

Lecture

9/8 Introduction, Chapters 1, 2

9/15 Chapter 2, 3

9/22 Chapter 3, 4

9/29 Chapter 4, 5

9/30 Chapter 5, 6

10/6 Chapter 7

10/13 Chapter 7

10/20 Midterm Exam

10/27 Chapter 8

11/3 Chapter 9
11/10 Chapter 10
11/17 Chapter 11
11/24 Chapter 12
12/1 Chapter 13, 14
12/8 Chapter 15
12/15 Final Exam