CASPER COLLEGE COURSE SYLLABUS
BIOL1010 General Biology 1

Semester/Year: Spring 2015

Lecture Hours: 3  Lab Hours: 3  Credit Hours: 4

Lecture Class Time: 11:00-12:15  Days: T, TH  Room: LS209
Lab Class Time: 12:30-3:00pm  Days: TH  Room: LS 210

Instructor's Name: Dr. Jim Milek
Instructor's Contact Information: Home Phone: 234-5786, please leave a message

Office Hours: None

Course Description: Fundamental concepts including basic chemistry, cell structures and functions, tissues, respiration, energy reactions, genetics, molecular biology, population dynamics, and evolutionary theory are covered. Designed for life science majors and pre-professional life science curricula. It is anticipated that students have had one year of high school biology.

State of Prerequisites: High school biology is recommended, but not required. No prerequisites other than freshman standing.

Goal: After completing BIOL 1010, a student should have a general understanding of biological chemistry, cell biology, genetics, and evolution.

Outcomes: A student should demonstrate an understanding of: elementary organic chemistry, cell membrane properties, enzyme importance and action, modes of inheritance, glycolysis and cellular respiration, cell division (both meiosis and mitosis), protein synthesis, mechanisms and importance of evolution by natural selection, speciation mechanisms.

The degree to which the student achieves these outcomes is dependent upon the student's effort. Grade earned in the class reflects the achievement level.

Methodology: Handouts, videos, slides, models, and living and preserved specimens are used in lecture or lab to aid in covering basic concepts.

Evaluation Criteria: Course grade will be based on lab and lecture exams, but also including several lab reports and quizzes. All exams and reports are mandatory. The course grade will be based on a grand total of 700 pts. Grades are assigned on a percentage basis:

A 90-100%
B 80-89%
C 65-79%
D 55-64%

Grades are sometimes slightly curved at the instructor’s discretion.
Students will not be directly penalized for missed classes. However, it is the responsibility of the student to:

1. Obtain missed lecture notes from another student. I DO NOT make my notes available.
2. Find out about assigned material.
3. Makeup missed labs.
4. Arrange for missed exams to be taken. (This arrangement must be within three days of returning to call and the makeup done within two lecture periods unless the instructor allows a longer time due to length of the absence.) Lecture makeups are usually in essay and objective format.
5. NO makeups are given for missed lab practical exams (barring exceptional circumstances).

Recommended text: Life: The Science of Biology. Sadana et al. 8th or 9th Edition. I no longer require, but recommend this book as many students claim they never use it and are concerned about the expense. However, I think it is helpful and may be essential for some of you. I will have copies on reserve at the College Library, and they are available for purchase at the bookstore.

Class Policies: Last date to change to Audit Status or to Withdraw with a W Grade: April 16, 2015

Student Right and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President of Academic Affairs.

Academic Dishonestly: Cheating and Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct. No cell phones will be allowed during lecture or labs.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment with our Accommodative Services Counselor at 268-2557.