

Valdosta State University
Organismal Biology – BIO 1030 Section B
CRN: 81553
TR 2-3:15
Bailey Center 3009

Course Description: An introduction to modern biology for the non-major with special emphasis on the processes involved in the development and maintenance of complex multicellular organisms.

-Co-requisite BIOL 1040L

Prerequisites: NA

Fall 2011

Professor: Dr. Matthew Waters

Office Location: Bailey 1106

Office Hours: Tuesday: 9-11, 3:30-4:30 and Thursday:10-11, 12:30-1:30. These are my officially scheduled office hours; however, you may stop by my office **at any time**; if I'm there, I will be happy to talk with you. If I am not in my office during office hours, check my lab in Bailey 1055 down the hallway across from my office.

Office Phone: 333-5760 (If I'm not there, please leave a message)

Email: mwaters@valdosta.edu

The best method of contact tends to be through e-mail; however, if I do not respond, it is your responsibility to make sure that I have any needed information.

Textbook: : Biology: Concepts and Investigations, Mariëlle Hoefnagels – 2nd ed.

STUDENT EVALUATION: Your grade will be determined by your performance on (1) Four lecture exams and (2) one comprehensive final exam, as well as, (3) periodic quizzes.

- (1) Each of the four **lecture exams*** will consist of multiple choice, short answer and or diagrams to be labeled. Questions will come from both the reading material and the lecture material. Each lecture exam will count 100 points, but your lowest lecture grade will be dropped, for a total of 300 exam points.
- (2) The **final exam*** will be comprehensive in nature. Approximately one half of the exam will be vocabulary while the other half will consist of short answer, labeling and calculations similar to the previous tests. The final exam will weigh more heavily than the lecture exams, at 200 points.
- (3) **Quizzes** will be given 14 times during the semester when tests are not scheduled. The quizzes will cover reading material and lecture notes. Quizzes may be given at any time of the week, so keep up with the required reading and reviewing of class notes. There will be 14 quizzes, each quiz will be worth 10 points, only 10 will count toward the total of 100 possible points. I will drop your lowest 4 quiz grades. You may **not** make-up missed quizzes, missed quizzes will count toward the 4 possible dropped scores.

GRADING POLICY:

Lecture exams	100 points X 4 exams	300 points
Quizzes	10 points X 10 quizzes	100 points
Final Exam	200 points	<u>200 points</u>
TOTAL Grade		600 points

FINAL COURSE GRADE

Grading Scale:

ADA POLICY:

Students requiring classroom accommodations or modifications because of a documented disability should discuss this need with the instructor at the beginning of the semester. Students not registered with the Special Services Program, should contact the Special Service Office, Nevins Hall 1115 (245-2498)

WITHDRAWAL FROM COURSE:

Students are advised to consult the VSU Undergraduate Bulletin and the VSU Spring 2011 Schedule of classes for information about VSU policies and procedures. . Please note that it is very difficult to withdraw after the midterm.

FEDERAL PRIVACY ACT:

It is illegal to release personal information about an individual to others. Therefore grades, averages, and other personal information about any person will not be released to another person or over email.

REQUIRED READING

Reading from your textbook is required. Only read the sections that correlate with the subject matter covered in lecture. Questions on the test may come from the text.

Informal things that you need to have in print to believe

1. Treat biology like a foreign language. The vocabulary is completely different than any other subject. To be able to speak the language, you must first learn the vocabulary and THEN learn how to speak. In the same way, understanding biology is a two-step process. First, learn the vocabulary and then learn how the words are used to form the major concepts of biology. Only memorizing words will most likely get you a C or D in the class at best.
2. Only follow the sections of the book that I lecture on. You will not be tested on the sections that I skip.
3. Stay up with the material. We take copious amounts of notes in this class. Missing classes generally means missing pages and pages of notes. The best way to succeed in this class is to come to class and review your notes every few days.
4. I do not have your grades calculated at all times. If you email me about your grade, then I will get out a calculator, write down your grades, add them up and divide by the

Tentative Schedule

Biology 1030 C

Chapter	Topic	Number of Lectures
1	Intro to Biology	1
2	The Chemistry of Life	2
3	A tour of the cell	1
4	The energy of life	2
*****EXAM 1 *****		
6	Respiration	2
5	Photosynthesis	2
8	Cell cycle	2-3
*****EXAM 2 *****		
7	From Gene to Protein	2
9	Meiosis	2
10	Genetics	2
*****EXAM 3 *****		
21	Plant Form	1
22	Plant Function	1
24-25	Animal Tissues and nerves	1
28-29	Muscles, blood and oxygen	1
30-31	Digestion and gas exchange	1
*****EXAM 4 *****		