

Biology 101

Fall 2009, Time: TTH 9:30 – 10:45, Location: Bartlett 166

Professor: Jennifer A. Hancock

Office: Bartlett 369

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Office hours: Monday 3:00 – 4:00 PM and Friday 1:00 – 2:00 PM

Required text: *Biology* by Raven, Johnson, Losos, Mason, and Singer. 8th Edition. 2008.

Course Description: Biology 101 is a lecture course that introduces students to the fundamental concepts in biology, including ecology, evolution, heredity, reproduction and development.

GRADING

Grading will be based upon the following components:

5 Lecture exams @ 40	200
Final exam	60
Homework assignments (optional)	~100
	Total ~ 360

Scale:

A+	97%	B+	87%	C+	77%	D+	67%	F	< 60%
A	93%	B	83%	C	73%	D	63%		
A-	90%	B-	80%	C-	70%	D-	60%		

HOMEWORK

Every question is optional. You can do all of the questions or none of the questions. The questions you do answer will be graded. To get full credit on each question your answers must be correct and complete to the level of detail provided in the text and in class. For example, if you choose to answer one question worth 1 pt, and you answer it correctly, then you will receive a grade of 1 point out of 1 point. If you choose to answer all of the questions, and you answer them correctly, then you will receive all of the points (or 100%). If you would like feedback on whether an answer is correct and complete before you turn in the homework, then you can show your answer to me, I will look over it and discuss it with you.

ABSENCE

If a student must be absent on the day of an exam, they need to provide an approved excuse **before** the time of the exam. If a student is absent on the day of an exam without providing an approved excuse, they will automatically lose 10 points for that exam.

Acceptable reasons for missing a class include the following situations:

1. Approved university event. You must *personally* notify me in advance if you expect to miss an exam due to a field trip, athletic activity, etc.
2. Illness. If you are seriously ill, CALL ME OR EMAIL ME BEFORE CLASS. It is YOUR RESPONSIBILITY to notify me unless you are deathly ill, hospitalized, or otherwise seriously incapacitated. The seriousness of the illness must be confirmed by the health center or a doctor.
3. Death in the immediate family. As above, I should be notified before class if you must leave town in such a situation.
4. Extraordinary circumstances not covered in 1 & 2 will be dealt with on an individual basis. You must notify me *as soon as the circumstances permit.*

LATE ASSIGNMENTS

If a student turns in an assignment 1 day after it is due, then they will automatically lose 5%. If a student turns in an assignment 2 days after it is due, then they will automatically lose 10%. If a student turns in an assignment 3 days after it is due, then they will automatically lose 15%. If a student turns in an assignment 4 or more days after it is due, then they will automatically lose 20%.

SCHEDULE

	<u>Reading Assignment</u>
I. Organisms and Ecology: August 24th – September 10th	
The Science of Biology	Chapter 1
Community Ecology	Chapter 56
Dynamics of Ecosystems	Chapter 57
Exam on Thursday, September 10th	
II. Evolution: September 15th – October 15th	
Genes within populations	Chapter 20
Evidence for evolution	Chapter 21
Exam on Tuesday, September 29th	
The Origin of Species	Chapter 22
The Tree of Life	Chapter 26
Exam on Thursday, October 15th	
III. Cellular Reproduction: October 20th – October 29th	
How Cells Divide	Chapter 10
Sexual Reproduction and Meiosis	Chapter 11
Exam on Thursday, October 29th	
IV. Heredity: Nov 2- 20	
Patterns of Inheritance	Chapter 12
Chromosomes	Chapter 13
Exam on Tuesday, November 17th	
V. Human Reproductive Systems Nov 23- Dec 4	
Human reproduction	Chapter 52
Human development	Chapter 53
Exam on Thursday, December 3rd	
Final Exam: Wednesday, December 9th, 8:30 – 11:00 AM	

ACADEMIC DISHONESTY

Marietta College Undergraduate Programs, 2008-2009 Catalog (p. 138): “Academic dishonesty within the academic community is a very serious matter, because dishonesty destroys the basic trust necessary for a healthy education environment. Academic dishonesty is any treatment or representation of work as if one were fully responsible for it, when it is in fact the work of another person. Academic dishonesty includes cheating, plagiarism, theft, or improper manipulation of laboratory or research data or theft of services. A substantiated case of academic dishonesty may result in disciplinary action, including a failing grade on the project, a failing grade in the course, or expulsion from the College.”