

**Biology 101**

General Biology

Required Text: *Biology Today (3<sup>rd</sup> ed.)*  
by Minkoff and Baker**Summer 2008**

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DATE	TOPIC	READING	LAB
5/12	Intro / Science / Ethics	Chapter 1	Microscope use/Science-
5/13	Mendelian genetics	Chapter 2	Mitosis
5/14	Human Genetics	Chapter 3	Molecular Movement
5/15	Proteins / Genetic Engineering	Chapter 4	Genetics
5/16	Exam (1-3) / Taxonomy	Chapter 6	Taxonomy ? (nuts and bolts)
5/19	Evolution	Chapter 5	Lab Exam 1 / M&M's (Natural Selection)
5/20	Taxonomy / Protista / Fungi / Animals	Chapter 6	Protista / Fungi
5/21	Human variation	Chapters 7	Animals in lab
5/22	Population / Reproduction	Chapters 9	Animals at Zoo
5/23	<b>Exam (5-8) / Nutrition</b>	Chapter 10	Review ?
5/26	<b>Memorial Day - No classes</b>		
5/27	Nutrition / circulation	Chapters 10 and 14	<b>Lab Exam 2 (Kingdoms)</b> Pigs / Hearts
5/28	Plants	Chapter 11	Plants
5/29	Cell division and control	Chapter 12	Development
5/30	Nervous system	Chapter 13	nervous system
6/2	<b>Exam (9-13)</b> Drugs / Excretion	Chapter 14	Pigs-respiratory/excretory
6/3	Immune system and AIDS	Chapters 15 and 16	Disease transmission lab
6/4	Infectious Diseases	Chapter 17	United Blood Services
6/5	Biodiversity	Chapters 18 and 19	Monera
6/6	<b>Exam (14-19) / Evals / Lab final</b>		

## MEETING TIMES

Lectures 8:30 to 9:45  
(Rm 224) 10:30 to 11:45

Laboratories 1:00 to 4:00  
(Rm 224)

## GRADING:

The following factors will be used to determine your lecture grade:

Lecture Exams ONE, TWO, THREE FOUR and takehome tests  
Lab Exams

Points for all these exams will be accumulated and a percentage of all possible earned points will be calculated. Lab scores will be incorporated in the same manner. Typically about two-thirds of the points come from lecture exams, with the remaining one-third coming from lab exams. The total number of points you earn will reflect a percentage of the total number of possible points and grades will be assigned based on the following guidelines:

A	93-100 %	C+	77-80 %
A-	90-93 %	C	73-77 %
		C-	70-73 %
B+	87-90 %	D+	67-70 %
B	83-87 %	D	63-67 %
B-	80-83 %	D-	60-63 %
		F	59 % or below

MISC: The time table given above is tentative. I will make every effort to adhere to it when possible. The test times and date are suggestions. We can discuss them and make any necessary alterations as the time approaches. I will try to be in the building by 8:00 each morning if you have any out-of-class questions. Other times I'm not in class or lab can be scheduled for a meeting. Please feel free to contact me with any questions/concerns I may be able to help with.

## Biology 101 Goals Summer 2008

Here are some of my global goals for the course:

That you would understand:

what science is  
how it functions  
what its' limitations are

That you would appreciate:

the Unity and Diversity of Biological life  
the inter-relatedness of living organisms and their environment

That you would gain an understanding of:

the different parts of our human bodies  
how they function and interrelate  
behaviors that affect our bodies and health

**LECTURES:** Exam questions will come from material presented or assigned in class. I will use powerpoint presentations using figures from the text, so you may want to bring the text with you to class. Your attendance at each lecture and laboratory is expected. In the event that you must miss class, notify me before hand. In case of sudden illness or emergency, see me or contact me as soon as possible to arrange make up work. Whatever the reason for any absence, **YOU** will be responsible for the material presented or assigned in class and should obtain make-up material (e.g., class notes) from someone in class.

**EXAMS:** Four lecture exams are scheduled. Hopefully, there will be some time in the class preceding each exam, for review. It will make these review times most useful if you have studied and come to class with questions. The exams will be worth about 80-125 points and some examples of the types of questions will be discussed in class before the first exam. While the exams will not be strictly cumulative, we will be integrating and reviewing material throughout the course. If you do not take an exam at the scheduled time and have not notified me ahead of time, you will receive a **ZERO** score for that assignment (except in cases of emergency; emergencies are things **you** have **no** control over). When a make-up exam is given, it may be essay questions and will be graded on a pass-fail basis. If you pass, you will not be penalized for missing the test (your course percentage will ignore that exam), but if you fail the make-up you will receive a zero for the test.

**OFFICE:** My office is room 142 downstairs. I plan to be in by 8:10 on most days so you can see me before class. I can make arrangements to stay around during lunch or after labs too. If in doubt, call ahead or make an appointment. If I am not in my office, the department secretary, Mrs. Hagen, will answer and can take messages.

**MISC:** The time table given in the syllabus is tentative. I will make every effort to adhere to it when possible. In the event that test dates need to be changed, at least one week prior notice will be given. Please feel free to contact me with any questions/concerns I may be able to help with. Also check the class **WEB** page for current information and announcements (<http://www.cord.edu/faculty/todt/current101.html>). There are pointers to it on my homepage which can be found through the biology departmental page.

**INTEGRITY:** The handbook "Academic Integrity at Concordia College" was adopted by both the Faculty Senate and the Student Association Senate. If you have not read the handbook, see me and we will get you a copy. Everyone is expected to comply with the policies contained in it (see pp. 11-13 for a list of some actions that violate integrity). Anyone found in violation of academic integrity will receive a **ZERO** on the assignment in question and will be reported to the Academic Dean. Anyone caught cheating a second time risks failing the entire class.