

**EXTENDED TOPICS  
IN CONTEMPORARY BIOLOGY  
BY 111-4B SPRING SEMESTER  
LECTURE SCHEDULE**

<u>CLASS</u>	<u>TOPIC</u>	<u>CHAPTER</u>
Jan. 6	Introduction to BY 111 - Basic Nutrition and Diet Therapy	21
8	A	@
13	A	@
15	A	@
20	A	@
22	<b>Interactive period</b> for Basic Nutrition and Diet Therapy & The Digestive and Urinary Systems	12,13
27	The Digestive and Urinary Systems	
		A
29	A	@
Feb. 3	A	@
5	<b>Interactive period</b> for Digestive and Urinary Systems & Physical Fitness and the Musculoskeletal System	20,22
10	<b>EXAMINATION (BASIC NUTRITION THROUGH DIGESTIVE AND URINARY SYSTEMS)</b>	
12	Physical Fitness and the Musculoskeletal System	
17	A	@
19	A	@
24	<b>Interactive period</b> for Physical Fitness and Musculoskeletal System & Drug Use and Drug Abuse	23
26	Drug Use and Drug Abuse	A
Mar. 2	A	@
4	A	@
9	<b>Interactive period</b> for Drug Use and Drug Abuse & Human Reproduction and Development	15,16
11	<b>EXAMINATION (PHYSICAL FITNESS THROUGH DRUG USE AND ABUSE)</b>	
16	Human Reproduction and Development	A
18	A	@
23	<b>Spring Break</b>	
25	<b>Spring Break</b>	
30	<b>No Class - Out of town at meetings</b>	
Apr. 1	Human Reproduction and Development	A
6	<b>Interactive period</b> for Human Reproduction and Development & Human Genetics and Genetic Engineering	7,8

8	Human Genetics and Genetic Engineering	A
13		@
15		@
20	<b>Interactive period</b> for Human Genetics and Human Engineering	
22	Medical Tests and Procedures	Lecture notes only
May 4	<b>FINAL EXAMINATION (HUMAN REPRODUCTION THROUGH MEDICAL PROCEDURES) 4:15-5:15 PM</b>	

**I am not allowed to post grades, nor am I allowed to give grades over the phone or by e-mail. If you would like to know your final exam grade and final course grade, bring a self-addressed, stamped envelope to the final and I will mail them to you.**

Required books - **HUMAN BIOLOGY: A PRACTICAL PERSPECTIVE by Jenkins; STUDY GUIDE FOR HUMAN BIOLOGY by Jenkins.**

The grade in this course is based upon three 100 point examinations, in-class participation, and out-of-class writing assignments. You must take all three exams unless you have a valid excuse (**to be determined by Dr. Jenkins**). If you know that you will be unable to take an exam on the assigned day, please notify Dr. Jenkins before the exam to select a makeup day **within one week following the exam**. If you are unable to contact him **before** the exam, you have one week after the exam date to do so and complete a make-up. If you do not contact Dr. Jenkins within that week, you will automatically be given a grade of **Zero, NO EXCEPTIONS MADE**. You will only be able to makeup on exam. Extenuating circumstances requiring more than one make-up will require some type of very serious situation, to be determined by Dr. Jenkins. Exam grades will be returned to you one week following the exam, thus allowing time for make-ups. Please pick up your exams when they are returned during class to make sure that your test was graded properly. Examinations will include true-false, multiple choice, matching, and fill-in-the-blank. Many of the objective questions will be written in such a way as to require the use of critical thinking skills. Makeup exams will include different questions, but will have the same format as the regularly scheduled exam.

In an attempt to implement critical thinking into the classroom and the student's study habits, several types of exercises will be assigned both in and out of the classroom. The first exercise is called a "**Participation Presentation**." As each topic is covered during lecture, several critical-thinking questions will be presented that can be answered from the information obtained during the lecture and the reading assignment. Following completion of the topic, students will break up into small groups (no more than five or six in a group) to discuss these questions. The group discussions should be based upon the information presented in class, the reading assignment, as well as their own personal experience. The students will be encouraged to concentrate on the "how" and "why" by asking such questions as "*What is the evidence for or against this question?*", "*Are there other explanations that apply to this situation?*", "*How important is this question in my personal life?*", "*Why do I believe this?*", etc. All students must participate. During the discussion sessions, the group must focus the discussion on the assigned topic, not personal topics.

Following the group discussion, time will be made available for interaction as a class. Each member of a small group will write a minimum 2 page **typed summary** (1 inch margins with 10-12 point type) of the discussion and conclusions. **Papers will not be accepted if they are not stapled.** This summary may include your personal feelings as well as those expressed by other members of the group, but without mentioning names. Credit will be given based upon the validity and organization of your summary, as well as the content of the answer. At the top of the first page, include the names of the members of your discussion group to insure that all participate in the discussions and that the summaries are original. Make sure that you separate your name from those of the group. These participation presentations are to be turned in within one week following the discussion. I will grade and return them as soon as possible. If you are absent the day of the participation presentations, you may obtain a question sheet and answer on your own to the best of your ability. **Your grade, however, will have a maximum of 3 points, rather than 5 for those who attended class and participated in the discussion.**

Another assignment to stimulate critical thinking skills in science is called a "Caboodle of Clippings." Each student will be required to turn in three clippings from newspapers, news magazines, internet, etc. concerning some of the topics covered during the semester. Each clipping will be mounted on a separate page and accompanied by a minimum 3 page typed (1 inch margins with 10-12 point type) personal commentary or evaluation of the subject. **Papers will not be accepted if they are not stapled.** These commentaries must be original and **not just a summary** of the clipping. All Caboodles of Clippings must be turned in before the end of the quarter. If you choose to use an article from the world wide web, please include a printout of the article or the web page address so that I can check your source.

A total of twenty **extra credit** points can be obtained by submitting two additional Caboodles of Clippings with the same writing parameters. All extra credit and all writing assignments must be turned in before the last day of classes.

These out-of-class projects are designed to actively involve you in the acquisition of biological knowledge, not just the receiving of extra credit points. You will have the opportunity to experience biology from a variety of sources, including newspapers, magazines, television, and the internet. Through the readings, writing, and conversation with classmates about biology topics of interest, it is hoped that you will retain the information for a longer period, as well as developing a more meaningful understanding of the importance and practical application of biology in your personal life.

## GRADING SUMMARY

1. 3 X 100 point exams	300 pts.
2. 6 participation exercises at up to 5 pts. each	30 pts.
3. 3 caboodle=s of clippings at up to 10 pts. each	<u>30 pts.</u>
	<b>360 pts.</b>
4. Extra credit as explained above up to 20 pts.	20 pts.