

INTRODUCTORY BIOLOGY I  
BY 123-2C  
T&TH 11:00 AM – 12:15 PM  
HB Room 105  
Fall Semester 2007  
**TENTATIVE COURSE OUTLINE**

<b>WEEK OF:</b>	<b>TOPIC</b>	<b>CHAPTER</b>
August 20	Introduction	1
	Atoms, Molecules and Bonds ( <b>on your own</b> )	2
August 27	The Chemistry of Water	3
	Carbon	4
	Organic Molecules	5
September 3	<b>HOLIDAY ON SEPTEMBER 3</b>	
	Organic Molecules	5
September 10	Cell Structure	6
September 17	Plasma Membrane	7
September 24	<b>EXAM I (Chapters 1-7)</b>	
	Introduction to Metabolism	8
October 1	Cellular Respiration	9
October 8	Photosynthesis	10
October 15	Mitosis and the Cell Cycle	12
October 22	Meiosis	13
	<b>EXAM II (Chapters 8, 9, 10, 12, 13)</b>	
October 29	Mendelian Genetics	14
November 5	The Chromosomal Basis of Inheritance	15
	The Molecular Basis of Inheritance	16
November 12	Transcription and Translation	17
	Genetics of Viruses and Bacteria	18
November 19	<b>EXAM III (Chapters 14-18)</b> <b>(HOLIDAY ON THURSDAY )</b>	
November 26	Evolution	22
	How Populations Evolve	23
	Origin of Species	24
December 3	Phylogeny (Pages 491-497 only)	25
Tuesday only	Origin of Life	26

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**FINAL EXAMINATION: Thursday, December 13, 2007 PROMPTLY AT 10:45 AM**  
**Only on material covered since Exam III**

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**Texts:** (1) Biology 7<sup>th</sup> Edition, Neil Campbell (**REQUIRED**)  
(2) Student Study Guide for Campbell's Biology by Martha R. Taylor  
(3) A Photographic Atlas for the Biology Laboratory, Van DeGraff/Crawley (**REQUIRED**)  
(4) Biology Lab Manual for BY 123, Cusic/Whitehead (**REQUIRED**)  
(5) Biology in the Laboratory, by Doris R. Helms (**REQUIRED**)

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**Note:** There may be material presented in class that is not in the textbook.  
You are responsible for this material if you miss class.