

Biology 1071-001 Intro. to Biology I

Fall 2000

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Class times: Mon-Wed-Fri 09:10 h.

Textbook: Pruitt, N. L., Underwood, L. S. and Surver, W. 1999. Bioinquiry: making connections in biology. John Wiley & Sons, Inc. NY. (and associated material)

Additional reading material may be assigned or suggested.

<u>Date</u>	<u>Topic</u>	<u>Suggested reading</u>
Week 1-Aug 28	Introduction and Evolution	Chapters 1 and 2
Week 2-Sept 4	Monday, Sept. 4-classes cancelled Mendelian Genetics	Chapter 3
Week 3-Sept 11	DNA-what it is, how it works	Chapter 6
Week 4-Sept 18	DNA 2 - replication and transcription	Chapter 6
Week 5-Sept 25	DNA 3 - expression and mutation	Chapter 6
Sept 29	Exam 1	
Week 6-Oct 2	Cell structure – Prokaryotes and Eukaryotes	Chapter 4
Week 7-Oct 9	Cell structure – plant and animal	Chapter 4
Oct 9	Classes cancelled	
Week 8-Oct 16	Cell Division – Mitosis and Meiosis	Chapter 5
Week 9-Oct 23	Population genetics	Chapter 7
Week 10-Oct 30	Bioenergetics	Chapter 9
Nov 1	Exam 2	
Week 11-Nov 6	Physiology 1	Chapter 10.1, 10.2
Week 12-Nov 13	Physiology 2	Chapter 10.3, 10.4
Week 13-Nov 20	Mammalian physiology	Chapter 11
Nov 24	Classes cancelled	
Week 14-Nov 27	Mammalian physiology Plant form and function	Chapter 11
Week 15-Dec 4	Plant form and function	Chapter 12
Dec 6	Final words	Chapter 12

All exams will be weighed equally and be of the short-answer multiple-choice format. Exams will cover all previously covered material, not just the latest. Make sure you learn the material as we go along and do not wait until the day before an exam to find out you do not understand a key point. Unless it is an absolute emergency I will not be available for consultation during the 2 days before an exam. **There shall be no make-up exams**, except when indicated by university regulations; after all, this is biology, not cosmetology. Finally, please be aware that I have heard and personally used most excuses, so if you miss an exam you must be exceptionally creative with your excuse, and provide extensive documentation.