

BIOLOGY 100 - PRINCIPLES OF BIOLOGY

Spring Semester 2006

Course description: This is an introductory biology course which covers the principle concepts in biology in a lecture and laboratory format. It satisfies the F4 LinC (laboratory requirement for graduation). The human organism will be used as the primary focus organism for each topic. In lab there is a the fetal pig dissection which allows the student to observe the organ systems as they are covered in lecture.

Instructor - Dr. Karen Kurvink

Lecture - MWF 3a (10.20-11:10 AM) - Collier Hall of Science 202

Lab - Tuesday (12:50-3:45AM) - Collier Hall of Science 300

Text - **BIOLOGY - Concepts and Applications** 6th edition (2006) by Cecie Starr

Tentative Lecture Schedule

Mon	Jan 16	Introduction to course	Chapter 1
Wed	Jan 18	Principles of cellular life	Chapter 2,3
Fri	Jan 20	Cell structure and interactions	Chapter 4
Mon	Jan 23	How cells work	Chapter 5
Wed	Jan 25	Cellular respiration	Chapter 7
Fri	Jan 27	Mitosis	Chapter 8
Mon	Jan 30	Meiosis	Chapter 9
Wed	Feb 1	Reproductive system	Chapter 38
Fri	Feb 3	Early development	Chapter 38
Mon	Feb 6	Animal tissues and organ systems	Chapter 28
Wed	Feb 8	Musculoskeletal system	Chapter 32
Fri	Feb 10	Unit Exam 1(Chapters 1,2,3,4,5,7,8,9,38)	
Mon	Feb 13	Digestive system	Chapter 36
Wed	Feb 15	Respiratory system	Chapter 35
Fri	Feb 17	Circulatory system	Chapter 33
Mon	Feb 20	Immune system	Chapter 34
Wed	Feb 22	Excretory system	Chapter 37
Fri	Feb 24	Endocrine system	Chapter 31