

Reedley College

Spring 2011

Class: Biology 5 – Human Biology 57003 (4 Units)
Lecture - Mon: 12:00noon – 1:50pm - in LFS 11
- Wed: 12:00noon – 12:50pm - in LFS 11
Laboratory - Wed: 1:00pm – 2:50pm - in LFS 11

This course is an introductory human biology course that examines science and societal issues. There is special emphasis on the following body systems: Circulatory, Digestive, Respiratory, Urinary, Skeletal, Muscular, Nervous, Sensory, Endocrine, Reproductive and Genetics.

Basic Skills Advisories: Eligibility for English 125, 126, and Mathematics 101

Text: Human Biology (eleventh edition) by Sylvia S. Mader McGraw Hill
Lab Manual: Human Biology (eleventh edition) by Sylvia S. Mader McGraw Hill

Instructor: Dr. B.J. Marquez
E-mail: bernard.marquez@reedleycollege.edu
Office: Life Science Room 13 **Phone:** 559-638-3641 ext. 3257
Office Hours: Monday 11:00am, Tuesday 2:00pm, & Wednesday 3:00pm or to arrange

Attendance:

You are required to attend **ALL** class sessions. There are NO excused absences except as defined in the Reedley College Catalog. If you are absent more than **FIVE** hours during the semester, you **MAY** be dropped from the class. If you are absent more than TEN hours, you **WILL** be dropped from class. If your ELEVENTH hour of absence occurs after the last day to drop, your final point total will be lowered by 25 points for each absence.

Tardiness: Three tardies equal one class absence.

**** I reserve the right to make changes in this syllabus with notification ****

Final Grade: Determined on a basis of points accrued throughout the course.

A = 90 - 100%	50%	- Five (5) Exams
B = 80 - 89%	15%	- One (1) Final Exam
C = 70 - 79%	28%	- Fifteen (15) Laboratory Assignments
D = 60 - 69%	7%	- Lecture & Laboratory Participation
F = 59% & lower		

NO FOOD OR DRINK ALLOWED IN ANY CLASSROOMS

NO EXTRA CREDIT

No children allowed in class at any time

No disruptive behavior

Tardy assignments count for only one-half credit or no credit.

"If you have special needs as addressed by the Americans with Disabilities (ADA) act including alternate media requests, please notify your course instructor immediately. Reasonable efforts will be made to accommodate your special needs."

	Biology 5 - Human Biology 57003	Dr. Marquez	Spring 2011
	Lecture & Lab Schedule	**I reserve the right to make changes in this schedule with notification**	
	Monday Lecture	Wednesday Lecture	Wednesday Laboratory
	10-Jan-11	12-Jan-11	12-Jan-11
1	Chapter 1 - Exploring Life & Science	Chapter 2 - Chemistry of Life	Lab 2 - <i>Light Microscopy</i>
	17-Jan-11 MLK Day	19-Jan-11	19-Jan-11
2		Chapter 3 - Cell Structure & Function	Lab 3 - <i>Chemical Composition of Cells</i>
	24-Jan-11	26-Jan-11	26-Jan-11
3	Chapter 4 - Organization & Regulation of Body Systems	Chapter 5 - Cardiovascular System: Heart and Blood Vessel	Lab 4 - <i>Cell Structure and Function</i>
	31-Jan-11	2-Feb-11	2-Feb-11
4	Exam 1 (Chapters 1-4)	Chapter 6 - Cardiovascular System: Blood	Lab 7 - <i>Cardiovascular System</i>
	7-Feb-11	9-Feb-11	9-Feb-11
5	Chapter 7 - Lymphatic System & Immunity	Chapter 8 - Digestive System and Nutrition	Lab 8 - <i>Chemical Aspects of Digestion</i>
	14-Feb-11	16-Feb-11	16-Feb-11
6	Chapter 8 - Digestive System and Nutrition	Chapter 9 - Respiratory System	Exam 2 (Chapters 5-8)
	21-Feb-11 President's Day	23-Feb-11	23-Feb-11
7		Chapter 10 - Urinary System & Excretion	Lab 11 - <i>Homeostasis</i>
	28-Feb-11	2-Mar-11	2-Mar-11
8	Chapter 11 - Skeletal system	Chapter 12 - Muscular system	Lab 12 - <i>Musculoskeletal System</i>
	7-Mar-11	9-Mar-11	9-Mar-11
9	Exam 3 (Chapters 9 - 12)	Chapter 13 - Nervous System	Lab 13 - <i>Nervous System and Senses</i>
	14-Mar-11	Drop Date	
10	Chapter 14 - Senses	16-Mar-11	14-Mar-11
	21-Mar-11	23-Mar-11	21-Mar-11
11	Chapter 16 - Reproductive System	Chapter 17 - Development and Aging	Lab 15- <i>Mitosis and Meiosis</i>
	28-Mar-11	30-Mar-11	30-Mar-11
12	Chapter 18 - Patterns of Chromosome Inheritance		Exam 4 (Chapters 13 - 17)
	4-Apr-11	6-Apr-11	6-Apr-11
13		Chapter 20 - Patterns of Genetic Inheritance	Lab 16 - <i>Patterns of Inheritance</i>
	11-Apr-11	13-Apr-11	13-Apr-11
14	Chapter 21 - DNA Biology and Technology		Lab 17 - <i>DNA and Biotechnology</i>
	18-Apr-11 Spring	20-Apr-11 Break	20-Apr-11 Holiday
	25-Apr-11	27-Apr-11	27-Apr-11
15	Chapter 19 - Cancer		Exam 5 (Chapters 18 - 21)
	2-May-11	4-May-11	4-May-11
16	Chapter 22 - Human Evolution	Chapter 23 - Global Ecology	Lab 18 - <i>Human Evolution</i>
	9-May-11	11-May-11	11-May-11
17	Chapter 24 - Human Population, Planetary Resources, & Conservation		Lab 19 - <i>Effects of Pollution on Ecosystems</i>
	Final Exam: Wednesday	18-May-11	At 12:00 - 1:50pm