

# ***Reedley College***

# ***Spring 2011***

**Class:** Biology 5 – Human Biology 55720 (4 Units)  
Lecture - Tue: 12:00noon – 1:50pm - in LFS 17  
- Thur: 12:00noon – 12:50pm - in LFS 17  
Laboratory - Thur: 1:00pm – 2:50pm - in LFS 17

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."

<b>Biology 5 - Human Biology 55720</b>		<b>Dr. Marquez</b>	<b>Spring 2011</b>
<b>Lecture &amp; Lab Schedule</b>		<b>**I reserve the right to make changes in this schedule with notification**</b>	
	<b>Tuesday Lecture</b>	<b>Thursday Lecture</b>	<b>Thursday Laboratory</b>
1	11-Jan-11 Chapter 1 - Exploring Life & Science	13-Jan-11 Chapter 2 - Chemistry of Life	13-Jan-11 Lab 2 - Light Microscopy
2	18-Jan-11 Chapter 3 - Cell Structure & Function	20-Jan-11	20-Jan-11 Lab 3 - Chemical Composition of Cells
3	25-Jan-11 Chapter 4 - Organization & Regulation of Body Systems	27-Jan-11 Chapter 5 - Cardiovascular System: Heart and Blood Vessel	27-Jan-11 Lab 4 - Cell Structure and Function
4	1-Feb-11 <b>Exam 1 (Chapters 1-4)</b>	3-Feb-11 Chapter 6 - Cardiovascular System: Blood	3-Feb-11 Lab 7 - Cardiovascular System
5	8-Feb-11 Chapter 7 - Lymphatic System & Immunity	10-Feb-11 Chapter 8 - Digestive System and Nutrition	10-Feb-11 Lab 8 - Chemical Aspects of Digestion
6	15-Feb-11	17-Feb-11 Chapter 9 - Respiratory System	17-Feb-11
7	22-Feb-11 <b>Exam 2 (Chapters 5-8)</b>	24-Feb-11 Chapter 10 - Urinary System & Excretion	24-Feb-11 Lab 11 - Homeostasis
8	1-Mar-11 Chapter 11 - Skeletal system	3-Mar-11 Chapter 12 - Muscular system	3-Mar-11 Lab 12 - Musculoskeletal System
9	8-Mar-11 <b>Exam 3 (Chapters 9 - 12)</b>	10-Mar-11 Chapter 13 - Nervous System <b>Drop Date</b>	10-Mar-11 Lab 13 - Nervous System and Senses
10	15-Mar-11 Chapter 14 - Senses	17-Mar-11 Chapter 15 - Endocrine System	15-Mar-11 Lab 14 - Development
11	22-Mar-11 Chapter 16 - Reproductive System	24-Mar-11 Chapter 17 - Development and Aging	22-Mar-11 Lab 15 - Mitosis and Meiosis
12	29-Mar-11 Chapter 18 - Patterns of Chromosome Inheritance	31-Mar-11	31-Mar-11 <b>Exam 4 (Chapters 13 - 17)</b>
13	5-Apr-11	7-Apr-11 Chapter 20 - Patterns of Genetic Inheritance	7-Apr-11 Lab 16 - Patterns of Inheritance
14	12-Apr-11 Chapter 21 - DNA Biology and Technology	14-Apr-11	14-Apr-11 Lab 17 - DNA and Biotechnology
	19-Apr-11 <b>Spring</b>	21-Apr-11 <b>Break</b>	<b>Holiday</b>
15	26-Apr-11 Chapter 19 - Cancer	28-Apr-11	28-Apr-11 <b>Exam 5 (Chapters 18 - 21)</b>
16	3-May-11 Chapter 22 - Human Evolution	5-May-11 Chapter 23 - Global Ecology	5-May-11 Lab 18 - Human Evolution
17	10-May-11 Chapter 24 - Human Population, Planetary Resources, & Conservation	12-May-11	12-May-11 Lab 19 - Effects of Pollution on Ecosystems
	<b>Final Exam: Thursday</b>	<b>19-May-11</b>	<b>At 12:00 - 1:50pm</b>