

# ***Reedley College***

# ***Fall 2013***

**Class:** Biology 5 – Human Biology 50173 (4 Units)

Lecture - Tues: 10:00am–10:50am & Thurs: 10:00am-11:50am - in LSF 17  
Laboratory - Tues: 11:00am–12:50pm - 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 (thirteenth edition) by Sylvia S. Mader McGraw Hill  
**Lab Manual:** Human Biology (thirteenth 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:** Tuesday 4:00pm, Thursday 9:00am 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%	- Fourteen (14) 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 Lecture &amp; Lab Schedule</b>		<b>Dr. Marquez</b> <b>**I reserve the right to make changes in this schedule with notification**</b>	<b>Fall 2013 - 50173</b>
	Tuesday Lecture	Thursday Lecture	Tuesday Laboratory
	13-Aug-13	15-Aug-13	13-Aug-13
1	Chapter 1 - Exploring Life & Science	Chapter 2 - Chemistry of Life	Lab 3 - Light Microscopy
	20-Aug-13	22-Aug-13	20-Aug-13
2	Chapter 3 - Cell Structure & Function	Chapter 3 - Cell Structure & Function	Lab 4 - Chemical Composition of Cells
	27-Aug-13	29-Aug-13	27-Aug-13
3	Chapter 4 - Organization & Regulation of Body Systems	Chapter 8 - Digestive System and Nutrition	Lab 5- Cell Structure and Function
	3-Sep-13	5-Sep-13	3-Sep-13
4	<b>Exam 1 (Chapters 1-4)</b>	Chapter 8 - Digestive System and Nutrition	Video
	10-Sep-13	12-Sep-13	10-Sep-13
5	Chapter 5 - Cardiovascular System: Heart and Blood Vessel	Chapter 6 - Cardiovascular System: Blood	Lab 9 - Chemical Aspects of Digestion
	17-Sep-13	19-Sep-13	17-Sep-13
6	Chapter 7 - The Lymphatic and Immune Systems	Chapter 9 - Respiratory System	Lab 8 - Cardiovascular System
	24-Sep-13	26-Sep-13	24-Sep-13
7	<b>Exam 2 (Chapters 5-8)</b>	Chapter 10 - Urinary System	Lab 11 - Homeostasis
	1-Oct-13	3-Oct-13	1-Oct-13
8	Chapter 11 - Skeletal System	Chapter 12 - Muscular System	Lab 12 - Musculoskeletal System
	8-Oct-13	10-Oct-13	8-Oct-13
9	Chapter 13 - Nervous System	<b>Exam 3 (Chapters 9 - 12)</b> <b>Drop Date</b>	Lecture - Chapter 13 - Nervous System
	15-Oct-13	17-Oct-13	15-Oct-13
10	Chapter 14 - Senses	Chapter 15 - Endocrine System	Lab 13 - Nervous System and Senses
	22-Oct-13	24-Oct-13	22-Oct-13
11	Chapter 16 - Reproductive System	Chapter 17 - Human Development and Aging	Lab 14 - Reproduction & Development
	29-Oct-13	31-Oct-13	29-Oct-13
12	Chapter 18 - Patterns of Chromosome Inheritance	<b>Exam 4 (Chapters 13 - 17)</b>	Lab 15- Mitosis and Meiosis
	5-Nov-13	7-Nov-13	5-Nov-13
13	Chapter 18 - Patterns of Chromosome Inheritance	Chapter 20 - Patterns of Genetic Inheritance	Lab 16 - Patterns of Genetic Inheritance
	12-Nov-13	14-Nov-13	12-Nov-13
14	Chapter 21 - DNA Biology and Technology	Chapter 21 - DNA Biology and Technology	Lab 17 - DNA and Biotechnology
	19-Nov-13	21-Nov-13	19-Nov-13
15	Chapter 19 - Cancer	Chapter 22 - Human Evolution	Review
	26-Nov-13	<b>28-Nov-13</b> <b>Turkey Day</b> <b>Holiday</b>	26-Nov-13
16	<b>Exam 5 (Chapters 18 - 21)</b>		Lab 18 - Human Evolution
	3-Dec-13	5-Dec-13	3-Dec-13
17	Chapter 23 - Global Ecology and Human Interferences	Chapter 24 - Human Population, Planetary Resources, & Conservation	Lab 19 - Effects of Pollution on Ecosystems