

Reedley College

Fall 2012

Class: Biology 5 – Human Biology 52542 (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 (twelfth edition) by Sylvia S. Mader McGraw Hill

Lab Manual: Human Biology (twelfth 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 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."

**Biology 5 - Human Biology
Lecture & Lab Schedule**

Dr. Marquez

Fall 2012 - 52542

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	Tuesday Lecture	Thursday Lecture	Tuesday Laboratory
1	14-Aug-12 Chapter 1 - Exploring Life & Science	16-Aug-12 Chapter 2 - Chemistry of Life	14-Aug-12 <i>Lab 2 -Light Microscopy</i>
2	21-Aug-12 Chapter 3 - Cell Structure & Function	23-Aug-12 Chapter 3 - Cell Structure & Function	21-Aug-12 <i>Lab 3 - Chemical Composition of Cells</i>
3	28-Aug-12 Chapter 4 - Organization & Regulation of Body Systems	30-Aug-12 Chapter 8 - Digestive System and Nutrition	28-Aug-12 <i>Lab 4- Cell Structure and Function</i>
4	4-Sep-12 Exam 1 (Chapters 1-4)	6-Sep-12 Chapter 5 - Cardiovascular System: Heart and Blood Vessel	4-Sep-12 Video
5	11-Sep-12 Chapter 6 - Cardiovascular System: Blood	13-Sep-12 Chapter 8 - Digestive System and Nutrition	11-Sep-12 <i>Lab 8 - Chemical Aspects of Digestion</i>
6	18-Sep-12 Chapter 7 - Lymphatic System & Immunity	20-Sep-12 Chapter 9 - Respiratory System	18-Sep-12 <i>Lab 7 - Cardiovascular System</i>
7	25-Sep-12 Exam 2 (Chapters 5-8)	27-Sep-12 Chapter 10 - Urinary System & Excretion	25-Sep-12 <i>Lab 10 - Homeostasis</i>
8	2-Oct-12 Chapter 11 - Skeletal system	4-Oct-12 Chapter 12 - Muscular system	2-Oct-12 <i>Lab 11 - Musculoskeletal System</i>
9	9-Oct-12 Chapter 13 - Nervous System	11-Oct-12 Exam 3 (Chapters 9 - 12) Drop Date	9-Oct-12 Lecture - Chapter 13 - Nervous System
10	16-Oct-12 Chapter 14 - Senses	18-Oct-12 Chapter 15 - Endocrine System	16-Oct-12 <i>Lab 12 - Nervous System and Senses</i>
11	23-Oct-12 Chapter 16 - Reproductive System	25-Oct-12 Chapter 17 - Development and Aging	23-Oct-12 <i>Lab 13 - Development</i>
12	30-Oct-12 Chapter 18 - Patterns of Chromosome Inheritance	1-Nov-12 Exam 4 (Chapters 13 - 17)	30-Oct-12 <i>Lab 14- Mitosis and Meiosis</i>
13	6-Nov-12 Chapter 18 - Patterns of Chromosome Inheritance	8-Nov-12 Chapter 20 - Patterns of Genetic Inheritance	6-Nov-12 <i>Lab 15 - Patterns of Inheritance</i>
14	13-Nov-12 Chapter 21 - DNA Biology and Technology	15-Nov-12 Chapter 21 - DNA Biology and Technology	13-Nov-12 <i>Lab 16 - DNA and Biotechnology</i>
15	20-Nov-12 Chapter 19 - Cancer	22-Nov-12 Turkey Day Holiday	22-Nov-12 Turkey Day Holiday
16	27-Nov-12 Exam 5 (Chapters 18 - 21)	29-Nov-12 Chapter 22 - Human Evolution	27-Nov-12 <i>Lab 17 - Human Evolution</i>
17	4-Dec-12 Chapter 23 - Global Ecology	6-Dec-12 Chapter 24 - Human Population, Planetary Resources, & Conservation	4-Dec-12 <i>Lab 18 - Effects of Pollution on Ecosystems</i>

Final Exam: Tuesday

11-Dec-12

At 10:00 - 11:50pm