

Reedley College

Spring 2013

Class: Biology 5 – Human Biology 56042 (4 Units)
Lecture - Tues & Thurs: 1:00pm – 2:15pm - in SOC 32
Laboratory - Thurs: 2:30pm – 4:20pm - 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 4:30pm, & 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."

Biology 5 - Human Biology 56042
Lecture & Lab Schedule

Dr. Marquez
****I reserve the right to make changes in this schedule with notification****

Spring 2013

	Tuesday Lecture	Thursday Lecture	Tuesday Laboratory
1	8-Jan-13 Chapter 1 - Exploring Life & Science	10-Jan-13 Chapter 2 - Chemistry of Life	8-Jan-13 <i>Lab 2 -Light Microscopy</i>
2	15-Jan-13 Chapter 3 - Cell Structure & Function	17-Jan-13 Chapter 3 - Cell Structure & Function	15-Jan-13 <i>Lab 3 - Chemical Composition of Cells</i>
3	22-Jan-13 Chapter 4 - Organization & Regulation of Body Systems	24-Jan-13 Chapter 8 - Digestive System and Nutrition	22-Jan-13 <i>Lab 4- Cell Structure and Function</i>
4	29-Jan-13 Exam 1 (Chapters 1-4)	31-Jan-13 Chapter 8 - Digestive System and Nutrition	29-Jan-13 <i>Video</i>
5	5-Feb-13 Chapter 5 - Cardiovacular System: Heart and Blood Vessel	7-Feb-13 Chapter 6 - Cardiovascular System: Blood	5-Feb-13 <i>Lab 8 - Chemical Aspects of Digestion</i>
6	12-Feb-13 Chapter 7 - Lymphatic System & Immunity	14-Feb-13 Chapter 9 - Respiratory System	12-Feb-13 <i>Lab 7 - Cardiovascular System</i>
7	19-Feb-13 Exam 2 (Chapters 5-8)	21-Feb-13 Chapter 10 - Urinary System & Excretion	19-Feb-13 <i>Lab 10 - Homeostasis</i>
8	26-Feb-13 Chapter 11 - Skeletal system	28-Feb-13 Chapter 12 - Muscular system	26-Feb-13 <i>Lab 11 - Musculoskeletal System</i>
9	5-Mar-13 Chapter 13 - Nervous System	7-Mar-13 Chapter 13 - Nervous System	5-Mar-13 Lecture - Chapter 14 - Senses
10	12-Mar-13 Exam 3 (Chapters 9 - 12)	14-Mar-13 Chapter 15 - Endocrine System	12-Mar-13 <i>Lab 12 - Nervous System and Senses</i>
11	19-Mar-13 Chapter 16 - Reproductive System	21-Mar-13 Chapter 17 - Development and Aging	19-Mar-13 <i>Lab 13 - Development</i>
12	26-Mar-13 Spring	28-Mar-13 Break	26-Mar-13 Holiday
13	2-Apr-13 Chapter 18 - Patterns of Chromosome Inheritance	4-Apr-13 Chapter 18 - Patterns of Chromosome Inheritance	2-Apr-13 <i>Lab 14- Mitosis and Meiosis</i>
14	9-Apr-13 Exam 4 (Chapters 13 - 17)	11-Apr-13 Chapter 20 - Patterns of Genetic Inheritance	9-Apr-13 <i>Lab 15 - Patterns of Inheritance</i>
	16-Apr-13 Chapter 21 - DNA Biology and Technology	18-Apr-13 Chapter 21 - DNA Biology and Technology	16-Apr-13 <i>Lab 16 - DNA and Biotechnology</i>
15	23-Apr-13 Chapter 19 - Cancer	25-Apr-13 Chapter 19 - Cancer	23-Apr-13 Review
16	30-Apr-13 Exam 5 (Chapters 18 - 21)	2-May-13 Chapter 22 - Human Evolution	30-Apr-13 <i>Lab 17 - Human Evolution</i>
17	7-May-13 Chapter 23 - Global Ecology	9-May-13 Chapter 24 - Human Population, Planetary Resources, & Conservation	7-May-13 <i>Lab 18 - Effects of Pollution on Ecosystems</i>
	Final Exam: Tuesday	14-May-13	At 1:00 - 2:50pm