

Reedley College

Fall 2011

Class: Biology 5 – Human Biology 55233 (4 Units)
Lecture - Tues & Thurs: 1:30pm – 2:45pm - in PHY 76
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 10:00am, & Thursday 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%	- 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 55232 & 55233
Lecture & Lab Schedule

Dr. Marquez

Fall 2011

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

Final Exam: Tuesday

13-Dec-11

At 1:00 to 2:50 pm