

Reedley College *Fall 2014*

Class: Biology 5 – Human Biology 59727 (4 Units)
Lecture - Tues 2:00pm – 3:50pm - in LFS 17
“ - Thurs: 1:00pm – 1:50pm - in LFS 17
Laboratory - Thurs: 2:00pm – 3:50pm - 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 & Thursday 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.

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."

"With this statement on my course syllabus, I am referring each of my enrolled students in need of academic support to tutorial services. Referral reason: Mastering the content, study skills, and basic skills of this course is aided by the use of trained peer tutors".

**** I reserve the right to make changes in this syllabus with notification ****

Biology 5 - Human Biology 59727
Lecture & Lab Schedule

Dr. Marquez

Fall 2014

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	Tuesday Lecture	Thursday Lecture	Thursday Laboratory
1	12-Aug-14 Chapter 1 - Exploring Life & Science	14-Aug-14 Chapter 2 - Chemistry of Life	14-Aug-14 <i>Lab 3 - Light Microscopy</i>
2	19-Aug-14 Chapter 3 - Cell Structure & Function	21-Aug-14 Chapter 3 - Cell Structure & Function	21-Aug-14 <i>Lab 4 - Chemical Composition of Cells</i>
3	26-Aug-14 Chapter 4 - Organization & Regulation of Body Systems	28-Aug-14 Chapter 8 - Digestive System and Nutrition	28-Aug-14 <i>Lab 5 - Cell Structure and Function</i>
4	2-Sep-14 Exam 1 (Chapters 1-4)	4-Sep-14 Chapter 8 - Digestive System and Nutrition	4-Sep-14 Video
5	9-Sep-14 Chapter 5 - Cardiovascular System: Heart and Blood Vessel	11-Sep-14 Chapter 6 - Cardiovascular System: Blood	11-Sep-14 <i>Lab 9 - Chemical Aspects of Digestion</i>
6	16-Sep-14 Chapter 7 - Lymphatic System & Immunity	18-Sep-14 Chapter 9 - Respiratory System	18-Sep-14 <i>Lab 8 - Cardiovascular System</i>
7	23-Sep-14 Exam 2 (Chapters 5-8)	25-Sep-14 Chapter 10 - Urinary System & Excretion	25-Sep-14 <i>Lab 11 - Homeostasis</i>
8	30-Sep-14 Chapter 11 - Skeletal system	2-Oct-14 Chapter 12 - Muscular system	2-Oct-14 <i>Lab 12 - Musculoskeletal System</i>
9	7-Oct-14 Chapter 13 - Nervous System	9-Oct-14 Chapter 13 - Nervous System	9-Oct-14 Lecture - Chapter 14 - Senses
10	14-Oct-14 Exam 3 (Chapters 9 - 12)	16-Oct-14 Chapter 15 - Endocrine System	16-Oct-14 <i>Lab 13 - Nervous System and Senses</i>
11	21-Oct-14 Chapter 16 - Reproductive System	23-Oct-14 Chapter 17 - Development and Aging	23-Oct-14 <i>Lab 14 - Development</i>
12	28-Oct-14 Chapter 18 - Patterns of Chromosome Inheritance	30-Oct-14 Chapter 18 - Patterns of Chromosome Inheritance	30-Oct-14 <i>Lab 15 - Mitosis and Meiosis</i>
13	4-Nov-14 Exam 4 (Chapters 13 - 17)	6-Nov-14 Chapter 20 - Patterns of Genetic Inheritance	6-Nov-14 <i>Lab 16 - Patterns of Inheritance</i>
14	11-Nov-14 Veterans Day	13-Nov-14 Chapter 21 - DNA Biology and Technology	13-Nov-14 <i>Lab 17 - DNA and Biotechnology</i>
15	18-Nov-14 Chapter 19 - Cancer	20-Nov-14 Chapter 22 - Human Evolution	20-Nov-14 <i>Lab 18 - Human Evolution</i>
16	25-Nov-14 Exam 5 (Chapters 18 - 21)	27-Nov-14 Thanksgiving	27-Nov-14 Holiday
17	2-Dec-14 Chapter 23 - Global Ecology	4-Dec-14 Chapter 24 - Human Population, Planetary Resources, & Conservation	4-Dec-14 <i>Lab 19 - Effects of Pollution on Ecosystems</i>

Final Exam: Tuesday

9-Dec-14

At 2:00 - 3:50pm