

# Reedley College

# Fall 2015

<b>Class:</b>	Biology 5 – Human Biology	56070	(4 Units)
	Lecture - Tues	10:00am	– 10:50am - in LFS 17
	“ - Thurs:	10:00am	– 11:50am - in LFS 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 (fourteenth edition) by Sylvia S. Mader McGraw Hill

**Lab Manual:** Human Biology (fourteenth 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 56070**  
**Lecture & Lab Schedule**

**Dr. Marquez**

**Fall 2015**

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

	Tuesday Lecture	Thursday Lecture	Tuesday Laboratory
1	18-Aug-15 Chapter 1 - Exploring Life & Science	20-Aug-15 Chapter 2 - Chemistry of Life	18-Aug-15 <i>Lab 3 - Light Microscopy</i>
2	25-Aug-15 Chapter 3 - Cell Structure & Function	27-Aug-15 Chapter 3 - Cell Structure & Function	25-Aug-15 <i>Lab 4 - Chemical Composition of Cells</i>
3	1-Sep-15 Chapter 4 - Organization & Regulation of Body Systems	3-Sep-15 Chapter 9 - Digestive System and Nutrition	1-Sep-15 <i>Lab 5 - Cell Structure and Function</i>
4	8-Sep-15 <b>Exam 1 (Chapters 1-4)</b>	10-Sep-15 Chapter 9 - Digestive System and Nutrition	8-Sep-15 Video
5	15-Sep-15 Chapter 5 - Cardiovascular System: Heart and Blood Vessel	17-Sep-15 Chapter 6 - Cardiovascular System: Blood	15-Sep-15 <i>Lab 9 - Chemical Aspects of Digestion</i>
6	22-Sep-15 Chapter 7 - Lymphatic System & Immunity + pages 150 - 153	24-Sep-15 Chapter 10 - Respiratory System	22-Sep-15 <i>Lab 8 - Cardiovascular System</i>
7	29-Sep-15 <b>Exam 2 (Chapters 5-9)</b>	1-Oct-15 Chapter 11 - Urinary System & Excretion	29-Sep-15 <i>Lab 11 - Homeostasis</i>
8	6-Oct-15 Chapter 12 - Skeletal System	8-Oct-15 Chapter 13 - Muscular System	6-Oct-15 <i>Lab 12 - Musculoskeletal System</i>
9	13-Oct-15 Chapter 14 - Nervous System	15-Oct-15 Chapter 14 - Nervous System	13-Oct-15 Lecture - Chapter 15 - Senses
10	20-Oct-15 <b>Exam 3 (Chapters 10 - 13)</b>	22-Oct-15 Chapter 16 - Endocrine System	20-Oct-15 <i>Lab 13 - Nervous System and Senses</i>
11	27-Oct-15 Chapter 17 - Reproductive System	29-Oct-15 Chapter 18 - Development and Aging	27-Oct-15 <i>Lab 14 - Development</i>
12	3-Nov-15 Chapter 19 - Patterns of Chromosome Inheritance	5-Nov-15 Chapter 19 - Patterns of Chromosome Inheritance	3-Nov-15 <i>Lab 15 - Mitosis and Meiosis</i>
13	10-Nov-15 <b>Exam 4 (Chapters 14 - 18)</b>	12-Nov-15 Chapter 21 - Patterns of Genetic Inheritance	10-Nov-15 <i>Lab 16 - Patterns of Inheritance</i>
14	17-Nov-15 Chapter 22 - DNA Biology and Technology	19-Nov-15 Chapter 22 - DNA Biology and Technology	17-Nov-15 <i>Lab 17 - DNA and Biotechnology</i>
15	24-Nov-15 Chapter 20 - Cancer	<b>26-Nov-15</b> <b>Thanksgiving</b>	24-Nov-15 <i>Lab 18 - Human Evolution</i>
16	1-Dec-15 <b>Exam 5 (Chapters 19 - 22)</b>	3-Dec-15 Chapter 23 - Human Evolution	1-Dec-15
17	8-Dec-15 Chapter 24 - Global Ecology	10-Dec-15 Chapter 25 - Human Population, Planetary Resources, & Conservation	8-Dec-15 <i>Lab 19 - Effects of Pollution on Ecosystems</i>

**Final Exam: Thursday**

**17-Dec-15**

**At 10:00 - 11:50am**