

# ***REEDLEY COLLEGE - FALL 2010***

**Class:** Biology 5 – Human Biology 57420 (4 Units)

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**

**Lecture -** Tues 2:00pm – 3:50pm & Thur: 1:00pm – 1:50pm - in LFS 17  
**Laboratory -** Thur: 2:00pm – 3:50pm - in LFS 17

**Instructor:** Dr. B.J. Marquez

**E-mail:** bernard.marquez@reedleycollege.edu  
**Office:** Life Science Room 13 **Phone:** 559-638-3641 ext. 3257  
**Office Hours:** Monday 3 pm, Tuesday 4 pm, & Wednesday 11:00 am 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.  
Tardy assignments count for only one-half credit or no credit.

***\*\* 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: 100 points each
B = 80 - 89%	15%	- One (1) Final Exam: 150 points
C = 70 - 79%	28%	- Fourteen (14) Laboratory Assignments: 280 points
D = 60 - 69%	7%	- Lecture & Laboratory Participation : 70 points
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

"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."

<b>Biology 5 - Human Biology 57420</b>		<b>Dr. Marquez</b>	<b>Fall 2010</b>
<b>Lecture &amp; Lab Schedule</b>		<b>**I reserve the right to make changes in this schedule with notification**</b>	
	<b>Tuesday Lecture</b>	<b>Thursday Lecture</b>	<b>Thursday Laboratory</b>
	17-Aug-10	19-Aug-10	19-Aug-10
<b>1</b>	Chapter 1 - Exploring Life & Science	Chapter 2 - Chemistry of Life	Lab 3 - Chemical Composition of Cells
	24-Aug-10	26-Aug-10	26-Aug-10
<b>2</b>	Chapter 3 - Cell Structure & Function		Lab 4 - Cell Structure and Function
	31-Aug-10	2-Sep-10	2-Sep-10
<b>3</b>	Chapter 4 - Organization & Regulation of Body Systems		<b>Exam 1 (Chapters 1-4)</b>
	7-Sep-10	9-Sep-10	9-Sep-10
<b>4</b>	Chapter 5 - Cardiovascular System: Heart and Blood Vessel	Chapter 6 - Cardiovascular System: Blood	Lab 7 - Cardiovascular System
	14-Sep-10	16-Sep-10	16-Sep-10
<b>5</b>	Chapter 7 - Lymphatic System & Immunity	Chapter 8 - Digestive System and Nutrition	Lab 8 - Chemical Aspects of Digestion
	21-Sep-10	23-Sep-10	23-Sep-10
<b>6</b>		Chapter 9 - Respiratory System	<b>Exam 2 (Chapters 5-8)</b>
	28-Sep-10	30-Sep-10	30-Sep-10
<b>7</b>	Chapter 10 - Urinary System & Excretion		Lab 11 - Homeostasis
	5-Oct-10	7-Oct-10	7-Oct-10
<b>8</b>	Chapter 11 - Skeletal system	Chapter 12 - Muscular system	Lab 12 - Musculoskeletal System
	12-Oct-10	14-Oct-10	14-Oct-10
<b>9</b>	<b>Exam 3 (Chapters 9 - 12)</b>	Chapter 13 - Nervous System	Lab 13 - Nervous System and Senses
	19-Oct-10	<b>Drop Date</b>	
<b>10</b>	Chapter 14 - Senses	21-Oct-10	21-Oct-10
	26-Oct-10	Chapter 15 - Endocrine System	Lab 14 - Development
<b>11</b>	Chapter 16 - Reproductive System	28-Oct-10	26-Oct-10
	2-Nov-10	Chapter 17 - Development and Aging	Lab 15- Mitosis and Meiosis
<b>12</b>	<b>Exam 4 (Chapters 13 - 17)</b>	4-Nov-10	4-Nov-10
	9-Nov-10	Chapter 18 - Patterns of Chromosome Inheritance	Lab 16 - Patterns of Inheritance
<b>13</b>	Chapter 19 - Cancer	11-Nov-10	11-Nov-10
	16-Nov-10	Chapter 20 - Patterns of Genetic Inheritance	Veterans Day
<b>14</b>	Chapter 21 - DNA Biology and Technology	18-Nov-10	18-Nov-10
	23-Nov-10		Lab 17 - DNA and Biotechnology
<b>15</b>	Chapter 22 - Human Evolution	<b>25-Nov-10 Turkey Day</b>	<b>25-Nov-10 Turkey Day</b>
	30-Nov-10	2-Dec-10	2-Dec-10
<b>16</b>	<b>Exam 5 (Chapters 18 - 21)</b>	Chapter 22 - Human Evolution	Lab 18 - Evolution
	7-Dec-10	9-Dec-10	7-Dec-10
<b>17</b>	Chapter 23 - Global Ecology and Human Interferences	Chapter 24 - Human Population, Planetary Resources, & Conservation	Lab 19 - Effects of Pollution on Ecosystems
	<b>Final Exam: Tuesday</b>	<b>14-Dec-10</b>	<b>At 2:00 to 3:50 pm</b>