**Reedley College Fall 2013**

**Class:** Biology 5 - Human Biology 50175 (4 Units)

Lecture: Monday 6:00pm - 8:15pm - LSF 11

Lab: Wednesday 6:00pm - 8:15pm - LSF 11

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 (13th ed.) by Sylvia S. Mader McGraw Hill

**Lab Manual:** Human Biology (13th ed.) by Sylvia S. Mader McGraw Hill

**Instructor:** Allyson Jones

**Email:** [allyson.jones@reedleycollege.edu](mailto:allyson.jones@reedleycollege.edu)

**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 course. If you are absent more than **TEN** hours, you WILL be dropped from the course. 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 to 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% and below

**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 1/2 credit or no credit

“If you have special needs addressed by the Americans with Disabilities (ADA) Act including alternate media requests, please notify your instructor immediately. Reasonable efforts will be made to accommodate your special needs.”

**Biology 5 - Human Biology A. Jones Fall 2013**

**Lecture & Laboratory Schedule \*I reserve the right to make changes with notification\***

**Date Topic Reading**

Aug 12 (Mon) Exploring Life and Science, Chemistry of Life Ch. 1 & 2

Aug 14 (Wed) Lab: Light Microscopy Lab 3

Aug 19 (Mon) Cell Structure & Function Ch. 3

Aug 21 (Wed) Lab: Chemical Composition of Cells Lab 4

Aug 26 (Mon) Org/Regulation Body Syst, Digestive Syst/Nutrition Ch. 4 & 8

Aug 28 (Wed) Lab: Cell Structure & Function Lab 5

Sep 2 (Mon) **No Class - Labor Day**

Sep 4 (Wed) **Exam 1 (Chapters 1-4)**

Sep 9 (Mon) Cardiovascular System: heart, blood vessels, blood Ch. 5 & 6

Sep 11 (Wed) Lab: Chemical Aspects of Digestion Lab 9

Sep 16 (Mon) Lymphatic, Immune Systems, Respiratory System Ch. 7 & 9

Sep 18 (Wed) Lab: Cardiovascular System Lab 8

Sep 23 (Mon) **Exam 2 (Chapters 5-8)**, Urinary System Ch. 10

Sep 25 (Wed) Lab: Homeostasis Lab 11

Sep 30 (Mon) Skeletal System, Muscular System Ch. 11 & 12

Oct 2 (Wed) Lab: Musculoskeletal System Lab 12

Oct 7 (Mon) **Exam 3 (Chapters 9-12)**

Oct 9 (Wed) \*Lecture: Nervous System Ch. 13

Oct 14 (Mon) Senses, Endocrine System Ch. 14 & 15

Oct 16 (Wed) Lab: Nervous System & Senses Lab 13

Oct 21 (Mon) Reproductive System, Human Develop & Aging Ch. 16 & 17

Oct 23 (Wed) Lab: Reproduction & Development Lab: 14

Oct 28 (Mon) **Exam 4 (Ch. 13-17)**

Oct 30 (Wed) Lab: Mitosis & Meiosis Lab 15

Nov 4 (Mon) Patterns of c’some Inheritance, Genetic Inheritance Ch. 18 & 20

Nov 6 (Wed) Lab: Patterns of Genetic Inheritance Lab 16

Nov 11 (Mon) **No Class - Veteran’s Day**

Nov 13 (Wed) DNA Biology & Technology, Lab: DNA/Biotech Ch. 21 & Lab 17

Nov 18 (Mon) Cancer, Human Evolution Ch. 19 & 22

Nov 20 (Wed) Lab: Human Evolution Lab 18

Nov 25 (Mon) Review Ch. 18-21

Nov 27 (Wed) **Exam 5 (Ch. 18-21)**

Dec 2 (Mon) Global Ecol., Human Pop, Planetary Res. & Conserv. Ch. 23 & 24

Dec 4 (Wed) Lab: Effects of Pollution on Ecosystems Lab 19

**Dec 9 (Mon) Final: Cumulative**