Spring 1-2016

BIOH 108.01: Basic Anatomy

Kins W. Loree
University of Montana - Missoula, kins.loree@mso.umt.edu

MISSOULA COLLEGE COURSE: BIO H-108, Basic Anatomy

SEMESTER: Spring 2016

SEMESTER CREDITS: 3

FACULTY: Kins Loree

E-MAIL: Kins.Loree@umontana.edu

OFFICE LOCATION: Lab

OFFICE HOURS: By appointment

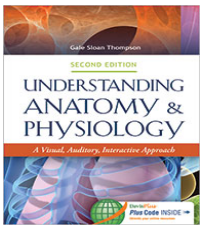
COURSE DESCRIPTION: This course provides an introduction to human anatomy and basic physiology. Included are fundamental overviews of: biology, chemistry, physics, and genetic processes, as they pertain to the human body. This course serves as a primer for students who are seeking to develop a foundational understanding of these objectives, and give themselves a better chance for success in Anatomy and Physiology I & II (i.e. Bio 201 and Bio 211). Students pursuing degrees or certificates in certain health-related professions also benefit from the knowledge and useful daily skills provided by this introductory course.

COURSE OBJECTIVES: Upon completion of the course the successful student will, by written tests, be able to:

1. Spell and define associated terminology.
2. Understand fundamental sciences and how they integrate into the study of the human body.
3. Identify anatomical structures and landmarks on the human body.
4. Understand the different bodily systems and their various functions.
5. Explain the form/function relationship and how it relates to the human body.

CLASS MEETING TIMES: 4:10 PM - 5:30 PM Mondays & Wednesdays **LOCATION:** T. B. D.

REQUIRED TEXTS: "Understanding Anatomy & Physiology. A Visual, Auditory, Interactive Approach." Gale Sloan Thompson. Second Edition, and get the companion Workbook too!!!!!!!!



GRADING:

Earning Credit: The grade for the course is determined by written assessments: a combination of chapter specific workbook assignments, and written examinations. There are a total of 15 Workbook assignments, 2 each mid-term exams and a final exam. Students must complete the assigned 14 each chapters of Workbook assignments (due upon request without notice), worth a total of **28 points**. The 2 each Mid-term Exams are worth 50 points each, for a total of **100 points**; and the Final Exam is worth **100 points**.

This offers a possible **total of 228 points**. Final, passing grade/scoring for the course is solely based upon the student's percentage of these possible 228 points. Students must have a minimum final total of 136 points (59.5%) to pass the course.

Extra Credit: For students satisfying The criteria to pass the course, extra credit is available by student additional. workbook chapters as designated by instructor in class. For full extra credit. Students must also have no unexcused absences for all of the classes of this course. (total possible extra credit: **12 points**).

Extra credit will not pass a failing student.

Exam Scoring / Final Grading

A = 90-100%

B = 80-89.4%

C = 70-79.4%

D = 60-69.4%

F = 0-59.4%

Point Breakdown

Assignments = 28 points

2 Mid-Term Exams = 100 Points

Final Exam = 100 points

Total Possible = 228 points

ATTENDANCE and MAKE-UPS:

Attending all classes is critical to learning the course material; therefore, they are best attended without missing any. For an absence to be excused, Students must contact the instructor (using UM email,) in advance of any absence, to discuss & plan for the possible academic outcomes. Students are also required to take the mid-term & final exams during the scheduled time, unless pre-arranged with instructor's approval. All make-ups must be satisfied within one week of absence.

ACADEMIC CONDUCT:

All students must practice academic honesty. Academic misconduct is subject to academic penalty by disciplinary sanction from the University of Montana. All students need to be familiar with the Student Conduct Code. The Code is available online at:

The Link to Student Conduct Code is http://www.umt.edu/sa/upsa/index.cfm/page/1321

STUDENTS WITH DISABILITIES:

Students with disabilities may request reasonable modifications by contacting your instructor. The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students (DSS). "Reasonable" means the University permits no fundamental alterations of academic standards or retroactive modifications. For more information, please consult

Link to Disability Student Services website is http://www.umt.edu/dss/

COURSE OUTLINE:

This outline is tentative and subject to change at any time.

Week of:	Chapter / Topic
January 25th & January 27th	1: Orientation of the Human Body 2: Chemistry of Life
February 1st & February 3rd	2: Chemistry of Life 3: Cellular Level
February 8th & February 10th	3: Cellular Level & Mitosis 4: Tissue Level
February 17th	**Exam 1**
February 22nd & February 24th	Chapter 5: Integumentary System
February 29th & March 2nd	6: Bones & Bone Tissue 7: Skeletal System
March 7th & March 9th	7: Skeletal System 8: Joints & Movements
March 14th & March 16th	Chapter 9: Muscle Cells and Tissues
March 21st & March 23rd	Chapter 9: Muscular System
March 28th **March 30th**	Chapter 9: Muscular System **Exam 2**
April 11th & April 13th	Chapter 10: Nerve Cells & System
April 18th & April 20th	Chapter 10: Nervous System Chapter 12: Endocrine System
April 25th & April 27th	Chapter 13: Cardiovascular: Blood Chapter 14: Heart
May 4th & May 6th	Chapter 15: Blood Vessels & Circulation Chapter 16: Lymphatic
May 11th, Wednesday	**Final Exam: 3:20 PM - 4:50 PM**