Spring 1-2016

BIOH 108.02: Basic Anatomy

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THE UNIVERSITY OF MONTANA

MISSOULA COLLEGE

COURSE:	BIO H-108, Sec.02, Basic Anatomy
SEMESTER:	Spring 2016
SEMESTER CREDITS:	3
FACULTY:	Luke Whitcher
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OFFICE:	HB 02
OFFICE HOURS:	Tuesdays & Thursdays 10:00 am – 11:00 am

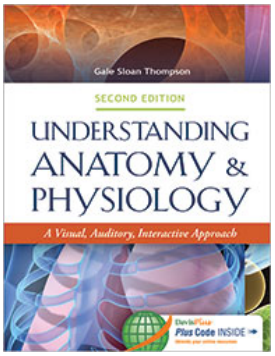
COURSE DESCRIPTION: This course provides an introduction to human anatomy and principles of physiology. Included are fundamental overviews of biology, chemistry, physics, and genetic processes, as they pertain to the human body. This course serves as a primer for students who are seeking to develop a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

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

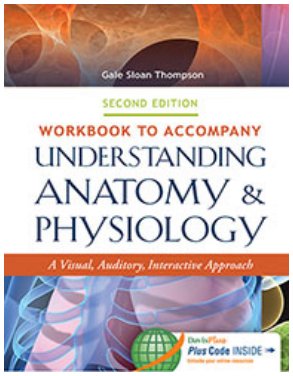
1. Spell and define associated terminology.
2. Understand fundamental sciences and how they integrate into the study of the human body.
3. Identify anatomical structures and landmarks on the human body.
4. Understand the different bodily systems and their various functions.
5. Explain the form/function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

CLASS MEETING TIMES: 2:10 PM - 3:30 PM Tuesdays & Thursdays **LOCATION:** HB18

REQUIRED TEXTS: "Understanding Anatomy & Physiology. A Visual, Auditory, Interactive Approach, 2nd Edition." Gale Sloan Thompson.



"Workbook to Accompany Understanding Anatomy & Physiology : A Visual, Auditory, Interactive Approach, 2nd Edition"



GRADING:

The grade for the course is determined by written assessments: a combination of chapter specific workbook assignments, written examinations, and quizzes. There are a total of 15 workbook assignments, 2 mid-term exams and a final exam. Students must complete at least the first 10 Chapters specific workbook assignments, each are worth 5 points each, for a total of 50 points. The 2 Mid-term Exams are worth 50 points each and the Final Exam is worth 100 points. Ten in class quizzes will be taken throughout the semester. Each quiz will be worth 5 points for a total of 50 points possible. This offers a possible total of 300 points. Final grade/scoring for the course is solely based upon the student's percentage of these possible 300 points.

The student must have 179 points (60%) minimum to pass the course. For students satisfying this criteria to pass the course, extra credit is available by submitting the total 15 chapters of workbook assignments for an additional 5 points for each chapter (another possible 25 points). Extra credit may not pass a failing student.

Final Grade/Scoring	**Point Breakdown**
A = 90-100%	Assignments = 50 points
B = 80-89.4%	Quizzes = 50 points
C = 70-79.4%	2 Mid-Term Exams = 100 Points
D = 60-69.4%	Final Exam = 100 points
F = 0-59.4%	_____
	Total Possible = 300 points

ATTENDANCE and MAKE-UPS:

Attending all classes is critical to learning the course material; therefore, they are best attended without missing any. Students must contact the instructor (using UM email) in advance of any absence to discuss the academic consequences. 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:

http://www.umt.edu/SA/VPSA/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

http://www.umt.edu/disability.

COURSE OUTLINE:

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

Week of:	Chapter/Topic
January 26th & 28th	1: Orientation of the Human Body 2: Chemistry of Life
February 2nd & 4th	2: Chemistry of Life
February 9th & 11th	3: Cellular Level & Mitosis
February 16th & 18th	4: Tissue Level **Exam 1**
February 23rd & 25th	5: Integumentary System
March 1st & 3rd	6: Bones & Bone Tissue 7: Skeletal System
March 8th & 10th	7: Skeletal System 8: Joints
March 15th & 17th	9: Muscle Cells and Tissues
March 22nd & 24th	9: Muscular Cells and Tissues **Exam 2**
March 29th & 31st	10: Nervous System

April 5th – 8th No CLASS SPRING BREAK	
April 12th & 14th	12: Endocrine System
April 19th & 21st	13: Blood
April 26th & 28th	14: Heart 15: Vasculature
May 3rd & 5th	16: Lymphatic 17: Respiratory System
Monday May 9th	**Final Exam: 1:10 – 3:10pm**