



The University of Texas Rio Grande Valley
College of Health Affairs
Department of Health and Biomedical Sciences

COURSE SYLLABUS

BMED 3108 – Integrated Body Systems V
(Integumentary/Musculoskeletal System and Blood)
Spring 2016

Contact Information:

Instructor: Dr. Lorena Lopez

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Office Hours: Tuesday: 10:30am – 12:30pm; Wednesday: 11:00am – 2:00pm

Office Hours by Appointment: Thursday: 11:00am – 2:00 pm

Meeting Times and Location:

Section 1: Thursday 9:00 – 9:50 a.m. @ LHSB 1.410

Section 2: Thursday 10:00 – 10:50 a.m. @ LHSB 1.410

Course Description:

The students in this course will have the opportunity to study the detailed structure and function of the integumentary system, blood, and the musculoskeletal system.

Student Learning Outcomes:

- Achieve an understanding of the structure and functions and internal controls of the musculoskeletal system
- List the components and function of the blood.
- Describe the mechanisms involved in the process of hematopoiesis
- Describe the structure and function of the integumentary system.
- Develop skills in written and oral communication through written reports/oral presentations.
- Comprehend relevant examples of human health and disease in the areas of integumentary system, musculoskeletal system, and blood.

Departmental Learning Outcomes:

- The student will be able to communicate integumentary system, blood, and musculoskeletal system concepts by oral and written means.
- The student will perform satisfactorily in standardized examinations.

Required Texts:

The books required for this course are the same used in the subsequent courses: (IBS I, II, III, IV)

- **Textbook title: Guyton and Hall Textbook of Medical Physiology**
 - Author: John E. Hall; Edition: 13th edition
 - ISBN: 978-1-4557-7005-2
- **Textbook title: Clinically Oriented Anatomy**
 - Author: Keith L. Moore, Anne M.R. Agur, Arthur F. Dalley; Edition: 6th edition
 - ISBN-13: 978-0781775250
- **Textbook title: Junqueira's Basic Histology**
 - Author: Anthony Mescher; Edition: 13th edition
 - ISBN-13: 978-0071780339

Schedule subject to change at instructor discretion

Date	Topic	Format	Assessment
21-Jan	The Structure and Function of Skin (Histology)	Discussion TBL	
28-Jan	Microscopic Anatomy of the Skin (Lab activity)	Review of slides	iRAT/gRAT
4-Feb	The Integumentary System	Discussion TBL	iRAT/gRAT
11-Feb	Principles of Dermatological Evaluation & Pathophysiology of Integumentary System	Discussion TBL	iRAT/gRAT
18-Feb	Exam#1		
25-Feb	The Blood (Histology)	Discussion TBL	
3-Mar	Microscopic Anatomy of the Blood (Lab activity)	Review of Slides	iRAT/gRAT
10-Mar	Blood Disorders & Special Topic: Sickle Cell Anemia	Discussion TBL	iRAT/gRAT
24-Mar	Exam#2		
31-Mar	The Bone Tissue	Discussion TBL	
7-Apr	Skeletal Muscle Tissue & Principles of Muscle Contraction	Discussion TBL	iRAT/gRAT
14 & 21 Apr	The Muscular System 28-Apr Special Topic: Osteoporotic Fracture	Discussion TBL	iRAT/gRAT
5-May	Exam#3		

Your final grade will be calculated as follows:

1. iRAT/gRAT. - 25% of the grade
2. Exam #1 - 25% of the grade
3. Exam #2 - 25% of the grade
4. Exam #3 - 25% of the grade

Note: The 2 lowest iRAT and/or gRAT grades will **not** count towards your final grade.

Incomplete Grade Policy: An incomplete grade may be given when students have not completed the required course work within the regular semester if the student can demonstrate that the reason for the work being incomplete is justified.

Final Grades will be assigned according to the following scale:

Grade	Score Range
A	90 - 100
B	80 - 89
C	70 - 79
D	60 - 69
F	< 60

Exam Requirements:

1. Scantrons are needed, be sure to buy some before coming into class. (Form 882-E)

2. NO MAKEUPS EXAM WITHOUT A LEGITIMATE EXCUSE.

In the event of a legitimate and documented absence from an in-class exam (e.g. Serious illness on the day of the exam with a doctor's note, proof of being hospitalized.) you must consult the Instructor within 24 hours of your absence for an in-class exam. Absences without a valid reason will result in a grade of zero for the missed exam. When exams are administered, as soon as the first student is finished with his/her exam, no one will be admitted into the testing room.

PLEASE BE ON TIME! If you arrive late for an examination, you will not be given any additional time to complete the exam.

3. At the end of the exam, you must return your copy of the exam when you turn in your scantron.

Course Requirements:

Use of Electronic Devices during Courses

- Laptops and other electronic devices may be used in class for the purpose of course-related content and personal note taking **ONLY**.
- Recording the lecture/activities through audio or video is forbidden.
- Please turn off your cell phones or put them on silent before coming to class
- Students are expected to refrain from playing games, watching movies/videos, listening to music, etc...

Email Policy

- Every student is issued a University e-mail address and account at the time when the student first enrolls. Per policy, only the students' University e-mail address shall be used for any electronic institutional communications of an official nature.

Important Information

- Reading is vital.
- *Students are expected to attend all sessions.*
- Participation is strongly encouraged!!
- *Check Blackboard regularly for important announcements.*
- Do not hesitate to set up an appointment with me if you have any comments, questions, or concerns regarding the class or the material.

Study Tips:

Every student has a different method for learning the material. There's no magic studying formula that will work for everyone. Some students make their own notes, use flash cards, and others use videos or other visual aids. Each student is different, so my recommendation is find a system that works for you and stick with it.

***Absence and Makeup Policy:**

If an excused absence is unavoidable and legitimate, at the instructor's sole discretion, students may complete an alternate assignment.

UTRGV Policy Statements:

STUDENTS WITH DISABILITIES:

If you have a documented disability (physical, psychological, learning, or other disability which affects your academic performance) and would like to receive academic accommodations, please inform your instructor and contact Student Accessibility Services to schedule an appointment to initiate services. It is recommended that you schedule an appointment with Student Accessibility Services before classes start. However, accommodations can be provided at any time. **Brownsville**

Campus: Student Accessibility Services is located in Cortez Hall Room 129 and can be contacted by phone at (956) 882-7374 (Voice) or via email at accessibility@utrgv.edu. **Edinburg Campus:** Student Accessibility Services is located in 108 University Center and can be contacted by phone at (956) 665-7005 (Voice), (956) 665-3840 (Fax), or via email at accessibility@utrgv.edu.

MANDATORY COURSE EVALUATION PERIOD:

Students are required to complete an ONLINE evaluation of this course, accessed through your UTRGV account (<http://my.utrgv.edu>); you will be contacted through email with further instructions. Online evaluations will be available Nov. 18 – Dec. 9, 2015. Students who complete their evaluations will have priority access to their grades.

ATTENDANCE:

Professional behavior is expected on the part of the students, this involves punctual attendance to all classes and labs, timely notification of unavoidable absences, and recognition of what constitutes an excused versus an unexcused absence. Students are expected to attend all scheduled classes and may be dropped from the course for excessive absences. UTRGV's attendance policy excuses students from attending class if they are participating in officially sponsored university activities, such as athletics; for observance of religious holy days; or for military service. Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.

SCHOLASTIC INTEGRITY:

As members of a community dedicated to Honesty, Integrity and Respect, students are reminded that those who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and expulsion from the University. Scholastic dishonesty includes but is not limited to: cheating, plagiarism, and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts. Since scholastic dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced (Board of Regents Rules and Regulations and UTRGV Academic Integrity Guidelines). All scholastic dishonesty incidents will be reported to the Dean of Students.

SEXUAL HARASSMENT, DISCRIMINATION, and VIOLENCE:

In accordance with UT System regulations, your instructor is a "responsible employee" for reporting purposes under Title IX regulations and so must report any instance, occurring during a student's time in college, of sexual assault, stalking, dating violence, domestic violence, or sexual harassment about which she/he becomes aware during this course through writing, discussion, or personal disclosure. More information can be found at www.utrgv.edu/equity, including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect in an environment free from sexual misconduct and discrimination.

COURSE DROPS:

According to UTRGV policy, students may drop any class without penalty earning a grade of DR until the official drop date. Following that date, students must be assigned a letter grade and can no longer drop the class. Students considering dropping the class should be aware of the "3-peat rule" and the "6-drop" rule so they can recognize how dropped classes may affect their academic success. The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career. Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit. The 3-peat rule refers to additional fees charged to students who take the same class for the third time.