PRAIRIE VIEW A&M UNIVERSITY

SYLLABUS

BIOL 3054 Human Gross Anatomy
Fall 2018

Instructor: Cleveland O. Lane, Jr., PhD.
Section # and CRN: P01 (31526), P81 (31527)
Office Location: E.E. Obanion Science Building, Suite 430V
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Office Hours: Monday and Wednesday 3:00-4:00, Tuesday and Thursday 1:00-2:00 pm, Friday By appointment
Mode of Instruction: Face to Face

Course Location: P01: Room 411, P81 : Room 411
Class Days & Times: P01: MW 9:00-9:50 TH , 9:00 am -10:50 am
Catalog Description: INTRODUCES THE BASIC PRINCIPLES AND FACTS RELATED TO THE GROSS ANATOMY OF THE HUMAN BODY.

Prerequisites: BIOL 1015, BIOL 1025 W/ LABS
Co-requisites:

Required Texts: ATLAS OF CLINICAL GROSS ANATOMY (SECOND EDITION) KENNETH P. MOSES, JOHN C. BANKS, JR., PEDRO B. NAVA, DARRELL K. PETERSEN. ISBN-978-0-323-07779-8.

Recommended Texts: ON-LINE STUDNETS CONSULT ONLINE ACCESS

Student Learning Outcomes:

	Upon successful completion of this course, students will be able to:	Program Learning Outcome # Alignment	Core Curriculum Outcome Alignment
1	Define and correctly use terminology in regard to structure of the human body, in discussions and on exams.	#1	
2	Describe the details of structure of the human body and be able to apply them to the "big picture" in discussions and on exams.	#5	
3	Label anatomical diagrams using correct terminology on laboratory practical exams.	#4	
4	Recognize and name structures on the human body and three-dimensional models and cadaver table on laboratory practical exams.	#4	
5	Infer three-dimensional structures from two dimensional drawings, pictures, or microscope views, during laboratory.	#4	
6	Synthesize information, think independently and reason through new material in a way that not only reflects facts learned about a particular topic but also an understanding of the overall structure and function of the human body, and express this reasoning in discussions and on exams.	#1	
7	Explain issues of structure and basic function of the human body in a way that a medical patient could understand.	#5	

Course Evaluation Method
This will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.
Exams: written and oral exams designed to measure content knowledge of present course material
Case Studies: Individual and group assignments discussing and analyzing case studies related to human anatomy.
Projects: Collaborative group projects related to clinical concepts of the gross anatomy.

Grading Matrix

Instrument	Value	Total
Lecture Exam	4 Exams (100 Points each)	40%
Laboratory Exam	4 Exams (100 Points each)	30%
Assignments/Quiz	4 Assignments/Quiz (100 Points each)	10%
Case Study	4 Case Studies (100 Points each)	10%
Final Exam	1 Exam (100 Points)	10%

Examinations

Lecture:
At least four major lecture exams will be given during the semester. Exams will consist of 75 to 100 multiple-choice questions and essay questions.
The lecture exams count for 40% of your grade.

Laboratory:

At least four major practical laboratory exams will be given during the semester. The practical examinations consist of identification of anatomical parts and physiological functions. Models and animal specimens will be utilized to test your knowledge of these systems.
The laboratory exams accounts for 30% of your grade.

Assignments:

Assignments: will be answering a collection of questions discussing scientific concepts on the chapter by using composition, labeling, classification, sequencing, true and false, matching and essay question.

Laboratory Assignments: Students are engaged in scientific inquiry by performing in group data collection, analysis and write-ups. The students will perform exercises targeting circulatory system, respiratory system, muscular function, brain function, ANS, exercise physiology and neurophysiology. **This will account for 10% of your grade.**

Case Studies:

Students will collaboratively engage in an assigned scientific topic discussed in the course. The group is expected to do a written and oral presentation of their case study to the class on the assigned day. **This will count 10% of your grade.**

Final Exam **is given at the end of each semester. The final exam accounts for 10% of your grade. The final exam schedule is set by the University. See final exam schedule for exact date. *Do not schedule any activity during the final exam period.**

Exam Policy

Exams should be taken as scheduled. No makeup examinations will be allowed except under documented emergencies (See Student Handbook). **Each student must provide their own Scantron B during the lecture exams.**

Week	Laboratory	Lecture
1	Syllabus/ Tour Chapter 1:Directional Terms Cardiovascular, Musculoskeletal, Nervous and Lymphatic System Figures 1.1-1.5	Pre-Test/ Chapter 2 Figure 2.1-2.5 Table 2.1
	Figures 3.1-3.14 Table 3.1-3.4	Chapter 3
2	Figure 4.1-4.6	Chapter 4 Figure 4.1-4.6
	Figure 4.7- 4. 19	Chapter 5
3	Figure 5.1-Figure 5.11 Table 5.1-5.2	Chapter 6 Open Form
	Figure 6.1-6.19 Table 6.1	Chapter 7
4	Figures 7.1-7.12 Table 7.1-7.2	Chapter 8
	Figures 8.1-8.14 Table 8.1-8.2	**Lecture Exam I** **(Chapter 1-8)**
5	**Laboratory Exam I** (Chapter 1-8)	Chapter 14 Figures 14.1-14.4
	Figures 15.1-15.14 Tables 15.1	Chapter 15
6	Chapter 16 Figures 16.1-16.12 Table 16.1	Chapter 17
	Figures 17.1-17.12 **Table 17.1**	**Chapter 18**
7	**Figures 18.1-18.17** **Tables 18.1**	Chapter19
	Figures 19.1- 19.15 Table 19.1	Chapter 20 Open Form
8	Figures 20.1-21.12	Chapter 21
	Midterm **Laboratory Exam II**	**Midterm** **Lecture Exam II**
9	Figures 25.1-26.23 Table 26.1	Chapter 25 Chapter 26
	Figures 25.1- 26.23 Table 26.1	Chapter 27
10	Figure 27.1-27.13 Table 27.1	Chapter 28
	Figures 28.1-29. 14	Chapter 29
11	**Lab Exam III**	**Lecture Exam III**
	Figures 30.1-31.13	Chapter 30-31
12	Figures 32.1-33.22	Chapter 32-33
	Figures 34.1-35.14	Chapter 34-35

13	Figures 36.1-37.20	Chapter 36-37
	Figures 38.1-40.15	**Chapters 38-40**
14	**Laboratory Exam IV**	**Lecture Exam IV**
	Thanksgiving Day	**Thanksgiving Day**
15	*Project*	*Project*
	Project	**Project**
16	**Final Exams**	**Final Exams**

Additional Instructional Learning Materials and Equipment

3-D Dissection Table

The Anatomage Table is the most technologically advanced anatomy visualization system for anatomy education and is being adopted by many of the world's leading medical schools and institutions. It has been featured in the TEDTalks Conference, PBS, Fuji TV, and numerous other journals for its innovative approach to anatomy presentation. The operating table form factor combined with Anatomage's renowned radiology software and clinical content separates the Anatomage Table from any other imaging system on the market.

Plastinate Models

Plastination is a technique or process used in anatomy to preserve bodies or body parts, first developed by Gunther von Hagens in 1977.[1] The water and fat are replaced by certain plastics, yielding specimens that can be touched, do not smell or decay, and even retain most properties of the original sample.[

Instructional Rotation

Students will simulate rotation in laboratory. During this period, students will work in 3 groups. Each group will have a set task. Group 1 will focus on studying MRI, CT scans and cadaver images; Group 2 will focus on Plastinate and models and Group 3 will be orally reviewed/quizzed on the Anatomage table. Each group will spend 35 minutes at each station working collaboratively.

Student Support and Success

John B. Coleman Library
The library and its partners have as their mission "to provide resources and instructional material in support of the evolving curriculum, as a partner in Prairie View A&M University's mission of teaching, research, and service" and to support the University's core values of "access and quality, diversity, leadership, relevance, and social responsibility" through emphasis on ten key areas of service. It maintains library collections and access both on campus, online, and through local agreements to further the educational goals of students and faculty.

Center for Academic Support
The Center for Academic Support (CAS) offers Tutoring via peer tutoring. The services include workshops (i.e., Save My Semester, Recalculate Your Route), seminars (i.e., Tools You Can Use: TI-84), group review sessions (i.e., College Algebra Topic Reviews, GRE Preparation), group study opportunities (i.e., TSIA, HESI, Study Break, Exam Cram), and test-taking strategies (How to take Notes, Study Buddy, 5 Day Study Guide). The Tutoring Center is a nationally certified tutoring program through the National Tutoring Association. The peer tutors are trained and certified by the coordinator each semester. Location: J.B. Coleman Library

COMPASS
The Center for the Oversight and Management of Personalized Academic Student Success (COMPASS) is designed to help Prairie View students in their second year and beyond navigate towards graduation by providing the following services: Academic Advisement, Targeted Tutorials for Personalized Learning, Campus-Wide Referrals, and Academic & Social Workshops. Location: J.B. Coleman Library

Writing Center
The Writing Center provides student consultants on all aspects of the writing process and a variety of writing assignments. Writing Center consultations assist students in such areas as prewriting, brainstorming, audience awareness, organization, research, and citation. Location: Hilliard Hall 121

University Rules and Procedures

Disability statement (See Student Handbook):
Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator.

Academic misconduct (See Student Handbook):
You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures.

Forms of academic dishonesty:

1. Cheating: deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations.

2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test.

3. Fabrication: use of invented information or falsified research.

4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else's words, ideas, or data as one's own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one's own work also constitutes plagiarism.

Nonacademic misconduct (See Student Handbook)

The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.

Sexual misconduct (See Student Handbook):
Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

Attendance Policy
Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

Student Academic Appeals Process
Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.

Disability statement (See Student Handbook):
Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator.

TECHNICAL CONSIDERATIONS

***Minimum* Recommended Hardware and Software:**

- Intel PC or Laptop with Windows 7; Mac with OS X; Smartphone or iPad/Tablet with Wi-Fi
- High speed Internet access
- 8 GB Memory
- Hard drive with 320 GB storage space
- 15" monitor, 800x600, color or 16 bit
- Sound card w/speakers
- Microphone and recording software
- Keyboard & mouse
- Most current version of Google Chrome, Safari, Internet Explorer or Firefox

Note: Be sure to enable Java & pop-ups

Participants should have a basic proficiency of the following computer skills:

- Sending and receiving email
- A working knowledge of the Internet
- Proficiency in Microsoft Word (or a program convertible to Word)
- Proficiency in the Acrobat PDF Reader
- Basic knowledge of Windows or Mac O.S.

***Netiquette* (online etiquette):**

Students are expected to participate in all discussions and virtual classroom chats as directed. Students are to be respectful and courteous to others on discussions boards. Foul or abusive language will not be tolerated.

***Technical Support*:**

Students should go to https://mypassword.pvamu.edu/ if they have password issues. The page will provide instructions for resetting passwords and contact information if login issues persist. For other technical questions regarding eCourses, call the Office of Distance Learning at 936-261-3283

***Communication Expectations and Standards*:**

Emails or discussion postings will receive a response from the instructor, usually in less than 48 hours. Urgent emails should be marked as such. Check regularly for responses.

Discussion Requirement:

Online courses often require minimal to no face-to-face meetings. However, conversations about the readings, lectures, materials, and other aspects of the course can take place in a seminar fashion. This will be accomplish by the use of the discussion board. The exact use of discussion will be determined by the instructor.

It is strongly suggested that students type their discussion postings in a word processing application and save it to their PC or a removable drive before posting to the discussion board. This is important for two reasons: 1) If for some reason your discussion responses are lost in your online course, you will have another copy; 2) Grammatical errors can be greatly minimized by the use of the spell-and-grammar check functions in word processing applications. Once the post(s) have been typed and corrected in the word processing application, it should be copied and pasted to the discussion board.