

Human Anatomy and Physiology I – Syllabus Summer 2018

INSTRUCTOR: Dr. Charles Venglarik. “Dr V”
Office: RC 242D. Hours: R 2-5 PM Jefferson M/W 12-1 PM Shelby.
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COURSE DESCRIPTION: Bio 201 & 202 describe the structure and function of the human body. Topics presented in Biology 201 include overviews of anatomy, physiology, and histology, plus the following systems: integumentary, skeletal, muscular, and nervous. Histological study, dissection, and anatomical models are featured in the required lab.

TEXTBOOK: *Human Anatomy & Physiology*, 9th or 10th Ed by E. Marieb & K. Hoehn, Benjamin Cummings, San Francisco, CA. 2012 (ISBN-13: 978-0321743268 or 978-0321927040) or *Anatomy and Physiology* published online at <http://openstaxcollege.org/textbooks/anatomy-and-physiology>

DISSECTION: Students will dissect fetal pigs in the laboratory. Old clothes or a lab coat, goggles and non-sterile gloves are required. Proper technique and safety must be observed in the laboratory at all times. No foods, drinks or children are permitted in the lab.

INTERNET: Important resources will be posted online at: <http://faculty.jeffstateonline.com/cvenglarik/>
Students are expected to download, print out and/or utilize these materials.

ATTENDANCE Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class before poor attendance interferes with the student’s ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid. Open laboratory hours designed to give students more study time will be posted.

GRADING:

4 Laboratory Exams @ 60 points each	=	240	A =	90 to 100%
3 Lecture Exams @ 100 points each	=	300	B =	80 to 89%
4 Vocabulary Quizzes @ 25 points each	=	100	C =	70 to 79%
4 Laboratory Quizzes @ 15 points each	=	60	D =	60 to 69%
Final Exam	=	<u>150</u>	F =	< 60%
Total possible:	=	850	Last day for automatic “W” July 7 th	

One make-up lecture exam is permitted per student given a written Doctor’s excuse or other official documentation. Make-up exams will be scheduled at the convenience of the instructor and will automatically result in the loss of one full letter grade (10%) except in cases of extreme hardship. Missing any lab quiz or exam or more than one lecture exam will automatically result in a grade of zero (0%). The W and W/P policies of the college should be noted. Not attending class does not constitute an automatic withdrawal. Moreover, lack of regular attendance will jeopardize certain types of financial aid.

STATEMENT ON DISCRIMINATION /HARASSMENT: The College and the Alabama State Board of Education are committed to provide both employment and educational environments free of harassment or discrimination related to an individual’s race, color, gender, religion, national origin, age or disability. Such harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment or discrimination will not be tolerated.

DAILY SCHEDULE M/W Shelby Campus

DATE	LECTURE TOPIC	Chapt	LABORATORY
May 23	Introductions & Class policies Organization of the Human Body	1	Laboratory Safety. Histology
May 28	College closed – Memorial Day		
May 30	Anatomical terminology	1	Histology – continued
June 4	Vocab Quiz 1 (a- to ejac-) Terminology & Homeostasis	1	Torso models – major organs Fetal pig organs – dissection
June 6	1st Lecture Exam Integumentary system	5	Laboratory Quiz 1
June 1	Integumentary system	5	1st Laboratory Exam
June 13	Bone tissue	6	Introduction to Skeletal System Axial skeleton – Skull
June 18	Bone tissue	6	Axial skeleton – cont'd
June 20	Vocab Quiz 2 (embol- to mictur-) Joints	9	Appendicular skeleton
June 25	2nd Lecture Exam Muscular system	11	Appendicular skeleton – cont'd Laboratory Quiz 2
June 27	Muscular system	11	2nd Laboratory Exam
July 2	Muscle tissue and physiology	10	Human muscle models
July 4	College closed - Holiday		
July 9	Vocab Quiz 3 (mito- to sym- syn-) Muscle Tissue	10	Human muscles – continued
July 11	3rd Lecture Exam		Human muscles – continued Laboratory Quiz 3
July 16	Nervous Tissue	11	3rd Laboratory Exam
July 18	Nervous Tissues	12	Cranial nerves & superficial brain anatomy
July 23	Vocab Quiz 4 (synerg- to -zyme) Nervous Tissues	12	Midsagittal brain anatomy
July 25	Central and Peripheral nervous systems	13	Spinal cord anatomy Laboratory Quiz 4
July 30	Autonomic nerves	15	4th Laboratory Exam
Aug 1	FINAL EXAM		

This is a tentative schedule; therefore, topics and exam dates are subject to change. Some of the material covered in this course is not found in the lecture textbook or laboratory manual.

The Rehabilitation Act of 1973 (Section 504) and the Americans with Disabilities act of 1990 state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student's responsibility to provide appropriate disability documentation to the College (856-6077).

DAILY SCHEDULE T/R Jefferson Campus

DATE	LECTURE TOPIC	Chapt	LABORATORY
May 24	Introductions & Class policies Organization of the Human Body	1	Laboratory Safety. Histology
May 29	Anatomical terminology	1	Histology – continued
May 31	Anatomical terminology	1	Histology – continued
June 5	Vocab Quiz 1 (a- to ejac-) Terminology & Homeostasis	1	Torso models – major organs Fetal pig organs – dissection
June 7	1st Lecture Exam Integumentary system	5	Laboratory Quiz 1
June 12	Integumentary system	5	1st Laboratory Exam
June 14	Bone tissue	6	Introduction to Skeletal System Axial skeleton – Skull
June 19	Bone tissue	6	Axial skeleton – cont'd
June 21	Vocab Quiz 2 (embol- to mictur-) Joints	9	Appendicular skeleton
June 26	2nd Lecture Exam Muscular system	11	Appendicular skeleton – cont'd Laboratory Quiz 2
June 28	Muscular system	11	2nd Laboratory Exam
July 3	Muscle tissue and physiology	10	Human muscle models
July 5	Muscle tissue and physiology	10	Human muscle models
July 10	Vocab Quiz 3 (mito- to sym- syn-) Muscle Tissue	10	Human muscles – continued
July 12*	3rd Lecture Exam		Laboratory Quiz 3
July 17	Nervous Tissue	11	3rd Laboratory Exam
July 19	Nervous Tissues	12	Cranial nerves & superficial brain anatomy
July 24	Vocab Quiz 4 (synerg- to -zyme) Nervous Tissues	12	Midsagittal brain anatomy
July 26	Central and Peripheral nervous systems	13	Spinal cord anatomy Laboratory Quiz 4
July 31	Autonomic nerves	15	4th Laboratory Exam
Aug 2	FINAL EXAM		

This is a tentative schedule; therefore, topics and exam dates are subject to change. Some of the material covered in this course is not found in the lecture textbook or laboratory manual.

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