

Human Anatomy and Physiology II – Syllabus Summer 2018

INSTRUCTOR: Dr. Charles J. Venglarik (Dr V)
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COURSE DESCRIPTION: Biology 201 and 202 cover the structure and function of the human body. Topics presented in Biology 202 include overviews of neural and hormonal control mechanisms plus the following systems: reproductive, cardiovascular, lymphatic, urinary, respiratory, immune and digestive. Histological studies, dissections, anatomical models plus computer emulations are featured in the required laboratory.

TEXTBOOKS: *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)

INTERNET: Lectures, streaming data, and other essential resources will be posted on Blackboard.

READY ACCESS TO A RELIABLE HIGH-SPEED INTERNET CONNECTION IS REQUIRED.

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 Lecture Exams @ 100 points each	= 400	A = 90 to 100%
10 Weekly Quizzes/Assignments (15 pts each)	= 150	B = 80 to 89%
Lab Midterm & Final (100 points each)	= 200	C = 70 to 79%
2-4 Laboratory reports @ 10 points each	= 20	D = 60 to 69%
2 Laboratory Quizzes @ 15 points each	= 30	F = less than 60%
Final Exam	= <u>150</u>	
Total possible:	= 950 points	Last day for automatic W is July 7 th

One make-up 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 weekly assignment, lab 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 – BIO 202

	LECTURE TOPIC	LABORATORY TOPIC
Week 1 May 24	Introduction to Physiology	Introductions and Policies Endocrine gland gross anatomy & histology
Week 2* May 31	Autonomic Nervous System	Cardiovascular anatomy: The Heart
Week 3* June 7	Lecture Exam 1 (Intro to Physiology & ANS) Endocrine System	Cardiovascular anatomy: Coronary Circulation and Systemic Arteries PhysioEx: Endocrine System
Week 4* June 14	Blood	Cardiovascular anatomy: Systemic and Portal Veins
Week 5* June 21	Lecture Exam 2 (Endocrine & Blood) The Heart	Lab Quiz 1
Week 6* June 28	The Heart	Laboratory Midterm Respiratory Anatomy PhysioEx: Cardiovascular Physiology
Week 7* July 5	Lecture Exam 3 (The Heart) Blood Vessels	Digestive Anatomy
Week 8* July 12	Respiratory & Digestive systems	Renal Anatomy
Week 9* July 19	Lecture Exam 4 (Vascular, Respiratory & Digestive) Urinary System	Lab Quiz 2 Reproductive Anatomy
Week 10* July 26	Acid-Base & Fluid-Electrolyte Balance	Laboratory Final
Week 11* August 2	FINAL EXAM (Cumulative Plus Urinary Acid-Base/Fluid-Electrolyte)	

***TBA quiz or take-home assignment based on prior lecture due (10 total).**

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 textbook.

Jefferson State Community College is compliant with Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act of 1990. Students having known disabilities should contact the ADA Accommodations Office for an appointment (856-6077).