

LA GUARDIA COMMUNITY COLLEGE OF THE CITY UNIVERSITY OF NEW YORK

Spring II 2021 SCB 203: HUMAN ANATOMY AND PHYSIOLOGY I LABORATORY SYLLABUS

Required materials: Visible Body. Your laboratory instructor will send you an invitation. The cost is \$49.99 and the subscription is good for two years and the 5 apps that accompany the platform can be saved by the student.

Lab #	Laboratory Topic	Visible Body	Visible Body Assignments	Supplementary Materials
1	Introduction, Lab Safety, Microscope, Chemical & Physical Principles of Particle Movement	Getting Started with Visible Body, 2.6		Lab 1 handouts
2	Metric System and The Cell	1, 2	Practice quizzes and lab activities	Metric System Handout
3	Mitosis, Cell Cycle and Tissues	3.1-3.4, 4.1-4.20	Practice quizzes and lab activities	
4	WRITTEN EXAM (LABS 1-3) Anatomical Terminology; Gross Bone Anatomy & Bone Histology, Axial Skeleton Fetal Skull	Introduction to anatomy and physiology, 7,8,9,10	Practice quizzes and lab activities	Bone List Definition of Bone Markings
5	Appendicular Skeleton Articulations	10	Practice quizzes and lab activities	Bone List
6	BONE PRACTICAL EXAM (LABS 4-5) Muscle Histology and Organization	11, 12	Practice quizzes and lab activities	Muscle List
7	Muscular System	13-16	Practice quizzes and lab activities	Muscle List
8	Muscular System	13-16	Practice quizzes and lab activities	Muscle List
9	MUSCLE PRACTICAL EXAM (LABS 7-8) Blood Histology & Physiology	27, 28	Practice quizzes and lab activities	

10	Heart Anatomy and Physiology; Measuring Blood Pressure	29	Practice quizzes and lab activities	
11	Blood Vessel Histology and Anatomy	30	Practice quizzes and lab activities	Blood vessel list
12	Respiratory Anatomy and Physiology; Spirometry	34-37	Practice quizzes and lab activities	
Finals Week	PRACTICAL AND WRITTEN EXAMS (LABS 9-12)			

Each laboratory exam is 10% of the final course grade

The lab exam during finals week is 40% practical and 60% written.

Students may be awarded 10 points for successfully completing the clay modeling activities

Lab practical exams are only offered that week during the semester and may begin mid-week

Note: Bone and Muscle practical exams have A and B answers. The question will be marked wrong if answers are reversed (for example, A in place of B and B in place of A).

Note: Correct spelling is expected for practical exams. Students are allowed one letter off to receive full credit from a scientifically acceptable form of the word. The answer will be marked half off after the second letter is misspelled. It will be up to the discretion of the laboratory instructor when the term should receive zero credit. An exception is when the one letter spells a different anatomical structure (for example fibia and tibula). In this case, the answer will be marked wrong.