

LA GUARDIA COMMUNITY COLLEGE OF THE CITY UNIVERSITY OF NEW YORK

Spring II 2021 SCB 204: HUMAN ANATOMY AND PHYSIOLOGY II LABORATORY SYLLABUS

Required materials: Visible Body. Your laboratory instructor will send you an invitation.

Lab #	Laboratory Topic	Visible Body	Visible Body Assignments	Supplementary Materials
1	Introduction Nervous System Anatomy and Histology Spinal cord and Peripheral Nerves Anatomy and Histology Rat Brachial Plexus Dissection	Getting Started with Visible Body, 17-19	Practice quizzes and lab activities	Rat Brachial Plexus figure
2	Human and Sheep Brain Anatomy including cranial nerves Sheep Brain Dissection	20, 21	Practice quizzes and lab activities	Sheep brain figures
3	Human and Calf Eye Anatomy Physiology of Vision Tests Cow Eye Dissection	19, 23.1, 23.8-23.13, 23.17-23.18	Practice quizzes and lab activities	Cow eye figures
4	Senses - Auditory, Integumentary, Olfactory and Gustatory Anatomy and Physiology	23.19-23.28, 23.2-23.7	Practice quizzes and lab activities	Ear figures.
5	<b>PRACTICAL EXAM (LABS 1-4)</b> CNS Physiology Human Somatic and Autonomic Reflexes	22	Practice quizzes and lab activities	
6	Digestive System Anatomy and Histology Rat Digestive System Dissection	38.1-38.2, 39-42	Practice quizzes and lab activities	Rat dissection figures
7	Digestive System Physiology	24	Practice quizzes and lab activities	
8	Urinary System Anatomy, Histology and Physiology Rat Urinary System Dissection	43-46	Practice quizzes and lab activities	Rat dissection figures

9	<b>WRITTEN EXAM (LABS 5-8)</b> Human and Rat Reproductive Anatomy and Histology Rat Reproductive System Dissection	47-49	Practice quizzes and lab activities	Rat dissection figures
10	Physiology of Reproduction Meiosis and Fertilization	3.5-3.6, 50	Practice quizzes and lab activities	Reproductive models
11	<b>PRACTICAL EXAM (LABS 6-10)</b> Embryonic Development, Early Cleavage, Late Pregnancy and Parturition	50	Practice quizzes and lab activities	Development models
12	Genetics			Electrophoresis and Genetics Handout
Finals Week	<b>WRITTEN EXAM (LABS 9-12)</b>			

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 completing laboratory assignments

**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 off spells a different anatomical structure (for example fibia and tibula). In this case, the answer will be marked wrong.**