
Bio 110 labs will not be held during the week of Labor Day (Sept. 1-4).


LAB 3: Microscopy and Introduction to Cells [Sep. 15-18] **Bring Gloves**
Chapter 2 pp. 14-25
Chapter 4 p. 48
Review p. 28

LAB 4: QUIZ #1; Classification and Diversity [Sep. 22-25]
Chapter 24: Bacteria pp. 347-351 (skip Gram Stain)
Protists pp. 353-355
Fungi pp. 358-360
Review p. 364
Worksheet p. C17 (back of manual)

LAB 5: Diversity: Invertebrate Animals [Sep. 29-Oct. 2] **Bring Goggles and Gloves**
Chapter 27: Introduction pp. 391-394
Cnidaria pp. 398-401 (skip Obelia)
Flatworms pp. 402-404
Review pp. 409, 410
Chapter 28: Mollusks pp. 411-418
Arthropods pp. 425-429 (top)
Review pp. 434

LAB 6: QUIZ # 2; Diversity: Seedless Plants [Oct. 6-9]
Chapter 26: Introduction pp. 365-367
Nonvascular plants: Mosses pp. 368-370
Vascular plants: Ferns pp. 372 (top), 374-377
Review pp. 378, C19
LAB 7: Diversity: Seed Plants
Chapter 27: Introduction
Gymnosperms
Angiosperms
Review
[Oct. 13-16]
pp. 379
pp. 380-384
pp. 384-386, 389 C21-C24
pp. 390, C19

LAB 8: QUIZ #3; The Cell Membrane
**Bring Goggles**
Chapter 4: Diffusion
Osmosis
Review
[Oct. 20-23]
pp. 48 (bottom), 50-51
pp. 52 (top), 53-55
p. 58

LAB 9: Enzymes
**Bring Goggles and Gloves**
Chapter 6
[Oct. 27-30]
pp. 79-86

LAB 10: Photosynthesis
**Bring Goggles and Gloves**
[Nov. 3-6]
pp. C25–C28 (back of manual)

LAB 11: QUIZ #3; Mitosis and Meiosis
Chapter 5
[Nov. 10-13]
pp. 59-78

LAB 12: Mendelian Genetics
Chapter 21: Introduction
Chapter 21: Inheritance
X-linked traits
Codominance:
Review:
[Nov. 17-20]
pp. 281-283 (top)
pp. 287 (top), 288-292, C29
pp. 324-325
pp. C33-C38
pp. 298, C31 – C32

Bio 110 labs will not be held during the week of Thanksgiving (Nov. 24-27).

LAB 13: QUIZ # 4; DNA Fingerprinting
**Bring Goggles and Gloves**
[Dec. 1-4]
pp. C39 - C41
BIOLOGY 111: SPRING 2009
**Bring manual to every class**

LAB 1: Digestion  
**Bring dissection kit, gloves, goggles**  
[Jan. 26-29]
Chapter 12: Starch digestion pp. 149-152 (top)  
Chapter 13: External anatomy pp. 159-161  
Chapter 13: Oral cavity & pharynx pp. 162-163  
Review pp. 157, 172

LAB 2: Digestion (continued); Respiration  
**Bring dissection kit, gloves, goggles**  
[Feb. 2-5]
Chapter 13: Abdominal & Thoracic cavities pp. 164-171  
Chapter 17: Lung structure and function pp. 216-217  
Spirometer p. C43-C44 (back of manual)  
Aerobic respiration p. C45 (back of manual)  
Review p. 172

LAB 3: The Heart  
**Bring dissection kit, gloves, goggles**  
[Feb. 9-12]
Chapter 15: Structure and function pp. 190-197  
Electrocardiogram p. C47-C49 (back of manual)  
Review p. 198

LAB 4: QUIZ #1; Circulation  
**Bring dissection kit, gloves, goggles**  
[Feb. 16-19]
Chapter 14: Circulatory pathways pp. 173-184 (top)  
Supplemental vessel diagrams pp. C51, C53  
Chapter 15: Blood pp. 188-189  
Chapter 16: Hepatic portal system p. 213  
Review p. 186, 198

LAB 5: Urogenital & Musculoskeletal systems  
**Bring dissection kit, gloves, goggles**  
[Feb. 23-26]
Chapter 16: Urinary system pp. 199-201  
Reproductive system pp. 202-206 (skip human)  
Chapter 19: Bones and muscles pp. 249-259 (skip skull)  
Muscle worksheet p. C55  
Review p. 214, 262

LAB 6: PRACTICAL EXAM #1: covers labs 1-5  
[Mar. 2-5]

Bio 111 labs will not be held during the week of Spring Break:  
(Mar. 9-12).
LAB 7: Immune system **Bring Goggles and Gloves** [Mar. 16-19]

LAB 8: Nervous system **Bring Goggles and Gloves** [Mar. 23-26]
Chapter 18
Review
pp. 231-242 (top), 244
pp. 247

LAB 9: Animal behavior [Mar. 30-Apr. 2]
Australian ground cricket
pp. C57-C60

LAB 10: QUIZ #2; Reproduction/Development [Apr. 6-9]
Chapter 16: Reproduction
Chapter 20: Development
Review
pp. 204, 207
pp. 263-267, 268-279
pp. 280

LAB 11: FIELD TRIP: Wastewater Treatment Plant [Apr. 13-17]
**Buses leave from in front of Moffet Hall: meet there**
Wednesday labs will be shifted to Friday to accommodate Scholar’s Day.
pp. C61-68

LAB 12: Plant anatomy; Transpiration [Apr. 20-23]
Chapter 9: Leaf anatomy
Stem anatomy
Plant transpiration
Review
pp. 103-104, 106-107
pp. 109-111 (top)
pp. C69-C70
pp. 118, C71

LAB 13: FIELD TRIP: Hike at Lime Hollow [Apr. 27-30]
**Buses leave from in front of Moffet Hall: meet there**
pp. C73-C74

LAB 14: PRACTICAL #2: covers Labs 8-13 [May 4,5]
**All practicals will be scheduled on Monday, May 4 and Tuesday, May 5: reference the posted schedule for your practical time**