

BIOL 1401 Laboratory Tentative Schedule Fall 2009

Date	Day	Topic	Lab Title (relevant pages in Freeman 3 rd ed. text)
Aug. 31-Sept. 4	M-F	1,2	Introduction to Lab: syllabus, grading, safety, etc. The Metric System (inside back cover) Microscopes and Microscopy (p. 2; BioSkills 8 p. B-14-16)
Sept. 7	M	—	Monday, Labor Day No lab classes
Sept. 8-14	T-M	2, 3	The Scientific Method (pp. 1-4; 11-15) (☠)
Sept. 15-21	T-M	4	Chemistry (pH, pp.19-32; Biological Molecules, pp.83-92; 95-100) (☠)
Sept. 22-28	T-M	5	Enzymes (pp. 43-65) (☠) Turn in Lab Report (rough draft)
Sept. 29-Oct. 5	T-M	6	Exchange Mechanisms (pp. 30-31, 100-116) (☠)
Oct. 6-12	T-M	7	Cellular Respiration (pp.170-195) (☠) <i>Mid-term Review</i>
Oct. 13-19	T-M	—	Mid-term Exam (Topics 1-7)
Oct. 20-26	T-M	8	Photosynthesis (pp. 198-219) (☠) <i>Turn in Lab Report</i>
Oct. 27-Nov. 2	T-M	9, 10	Cell Division (Mitosis pp.222-240; Meiosis pp.243-262; Karyotyping, p. 252) (☠) Elements of Genetics (pp.265-289) *Quiz 7 (Karyotype form)
Nov. 3-9	T-M	10, 13	(continue) Elements of Genetics Population Genetics and Evolution (pp.481-484; 490-491; 503-520)
Nov. 10-16	T-M	11	Gene Expression (pp. 319-325; 329-346; 352-367) (☠)
Nov. 17-23	T-M	12	DNA Technology (Plasmids, p.121, 391-393, 576; Electrophoresis, p. B-12-13) (☠)
Nov. 24-27	T-F	—	Tuesday-Friday, Thanksgiving Holiday No lab classes
Nov. 30-Dec. 4	M-F	—	Final Exam (Topics 8-13)

This symbol (☠) means that you must **wear gloves** due to hazardous chemicals, unless otherwise instructed by the lab instructor.

☞ **A lab coat and eye protection** must be **worn at all times** in the laboratory. **No exceptions.**

☞ Students are responsible for being aware of any changes to the above schedule that are announced during class.