

BIOL. 1401 Laboratory Tentative Schedule Summer II 2009

Date	Quiz Dates	Lab Topic and Title (relevant pages in Freeman 3 rd ed. text)
July 15-16		Introduction to Lab: syllabus, grading, safety, etc. T 1-The Metric System (Appendix 1, A-1);
16-17		T 2-Microscopes and Microscopy (☠)
17, 20	Q 1-July 17	T 3-The Scientific Method (pp.10-14) (☠)
21-22	Q 2-July 21	T 4-Chemistry (pH, pp.41-42; Biological Molecules, pp.90-97) (☠)
23-24	Q 3-July 23	T 5-Enzymes (pp.62-70) (☠) ☆Turn in Lab Report (rough draft)
27-28	Q 4-July 27	T 6-Exchange Mechanisms (pp.103-123) (☠)
29-30	Q 5-July 29	T 7-Cellular Respiration (pp.177-199) (☠)
July 31		Mid-term Exam (Topics 1-7)
Aug 3-4	_____	T 8-Photosynthesis (pp.202-223) (☠) ☆Turn in Lab Report
5-6	Q 6- Aug. 5	T 9-Cell Division (Mitosis, pp.227-245; Meiosis, pp.248-260, 264-265; (☠) [Karyotyping, p.250-251 Quiz 7]
6-7		T 10-Elements of Genetics (Monohybrid & Dihybrid Crosses, pp.269-279)
10-11	Q 8-Aug. 10	T 11-Gene Expression (pp.325-335, 338-355, 362-377) (☠)
12-13	Q 9-Aug. 12	T 12-DNA Technology (Electrophoresis, pp.78-79, 118; Plasmids, pp.403-404) (☠)
14, 17	Q 10-Aug. 14	T 13-Population Genetics and Evolution (pp.516-535)
Aug. 18	_____	Final Exam (Topics 8-13)

- ☞ Lab coat and eye protection must be worn at all times [**No exceptions**]. This (☠) symbol means that you **must wear gloves** due to hazardous chemicals for the dates listed above.
- ☞ Students are responsible for being aware of any changes to the above schedule listed on the biology lab website or announced during class.