

**BIOL 1107: Unifying Principles of Biology
Valdosta State University, Fall 2014: Laboratory Syllabus**

Lecture (BC 1011): M W F 12:00 – 12:50 p.m.- Dr. Chambers

Laboratory (BC 1083): **Section A (CRN # 81727): M / 9:00 - 11:50 a.m. - Dr. Ring**

Section B (CRN # 81728): M / 1:00 - 3:50 p.m. - Dr. Ring

Ring Office hours (BC 2084): T & R 11:00-12:00 p.m. Phone: 249-4841, Email: bcring@valdosta.edu

TENTATIVE LABORATORY EXERCISES:

Lab	Week of:	Topic:
1	Aug.18-22 (M)	Introduction to the Lab, Safety, and Laboratory Notebooks Exercise 1: Introduction to the Use of the Scientific Method
2	Aug. 25-29 (M)	Exercise 2: Basic Light Microscopy
--	Sept. 01-05 (M)	Labor Day- NO LABS
3	Sept. 08-12 (M)	Exercise 3: Light Microscopy Observations of cells and organisms; Basic "5 Kingdom" levels of organization. Exercise 4: Group Microscopy Project: <u>Proposal Discussion</u> Read Appendix A
4	Sept. 15-19 (M)	Exercise 5: Cellular Water Relations A1 Due: Group Proposal (end of class)

5 Sept. 22-26 (M)