

1. Course Information

- x Course number and section: BIOL07K (section D) CRN81254
- x Course name: Principles of Biology I
- x Hours of credit: 4
- x Lab location and room number: Bailey Science Center 138
- x Day and time: Wednesday 10:00 am - 12:50 pm
- x Department, College, University: Department of Biology, College of Arts and Sciences, Valdosta State University

2. Instructor Information

- x Instructor name: Dr. Jonghoon Kang
- x Instructor contact: ☎ 217, 229-333-7140, jkan@valdosta.edu
- x Instructor office hours: Mon and Tue 9:00 am - 10:00 am

3. Course Description

Lab Manual: Goddard, R.H. 2011 Methods and Investigations in Basic Biology 6th edition.

4. Lab Conduct

- Arrive on time. Assignments are due at the start of class. Students arriving 10 minutes late will not be

- Cell phones are not allowed to be used in lab with the exception of using them as timers when necessary.

5. Lab assignments and Lab Practical Exams:

Throughout the semester lab assignments will be given. These assignments are due at the start of the following lab period. No late assignments will be accepted (see above).

6. Assessment or Evaluation Policy



7. TENTATIVE LAB SCHEDULE AND TOPICS

Aug.14	What is science
Aug 21	exercise 1: black box
Aug.28	exercise 2: Basic light microscopy
-- Sept.4	Labor DayNO LABS
Sept.11	exercise 3: Observation of living cells with light microscopy
Sept.18	exercise 5: Cellular water relations
Sept.25	exercise 4: Independent group microscopy projects discussion about , read Appendix A
Oct.2	exercise 4 again, independent group microscopy projects discussion about read Appendix B)
	Group Proposal
Oct.9	exercise 6: Protein extraction and quantification from living tissues
Oct.16	Group Research Paper (Exercise 4)
Oct.23	exercise 8: Enzymology investigation of the effects of temperature v %o, amylase activity
Oct 30	exercise 10: Cell reproductionmitosis, meiosis and cytokinesis
Nov.6	Mendeliangenetics
Nov.13	Crime scene lab Notebook check
Nov. 20	Interpret data; lab assessment
