

## 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

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