

Biology 1020 Biodiversity Biology Lab
Spring Semester 2014
Biology Department, College of Arts and Sciences
Valdosta State University

Instructor: Samreen Siddiqui

Office: Science Building 2025

Office Hours: Monday 4:00 - 6:00 pm or by appointment

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Room: Science Building 1046

Midterm: March 6, 2014. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hours: 1

Course Description:

Bio 1020L Biodiversity Lab

Co-requisite: **Bio 1010.** This course cannot be taken for credit toward the major in biology. An introduction to the

The lowest quiz or assignment grade will be dropped when calculated completely, you are responsible for the material covered that class period and you must be prepared for the quiz the following class period.

I will not accept assignments or a lab report from a class that you did not attend. I will not accept any late assignments either. You will receive a daily participation grade. Therefore, if you are not present you will receive a zero grade for the day.

Final Grades: Final grades are based on the following cumulative point totals:

90 100% = A 80 89.99% = B 70 79.99% = C 60 69.99% = D Below 60% = F

Cheating and Plagiarism: Academic integrity is the responsibility of all VSU faculty and students. Faculty members should promote academic integrity by including clear instruction on the components of academic integrity and clearly defining the penalties for cheating and plagiarism in their course syllabi. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth.

Students are expected to do their own work and to uphold a high standard of academic ethics.

A student caught cheating on a quiz, lab report, or assignment will receive a grade of zero and may receive a failing grade (F) in the course.

Each student will be required to complete his/her own lab report or assignment for certain lab experiments. Many of the experiments will be conducted as groups; however, group lab reports or lab reports identical to others in the class are not acceptable. If two or more students turn in identical or similar lab reports or assignments, those students will receive a grade of zero on the assignment.

Disruptive Behavior: The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other

Biology 1020 Laboratory Schedule– Spring 2014

*This is a tentative schedule subject to change at the instructors discretion.

| Week | Date | Lab Exercise | Pages |
|------|--------------------|---|--------------------|
| 1 | Jan. 13 - 17 | Syllabi / Laboratory Safety Guidelines <i>Web: Lab Safety, Diversity Atlas</i> | |
| 2 | Jan. 20 - 24 | Martin Luther King Holiday - No Labs All Week | |
| 3 | Jan. 27 - 31 | Exercise 1: Classification | 1 - 10 |
| 4 | Feb. 3 - 7 | Exercise 2: Proper Use of a Microscope Exercise 3: Prokaryotes (Set up plates) <i>Web: Parts of the Microscope, How to Use the Microscope and Prokaryotes</i> | 11 - 20 21 - 24 |
| 5 | Feb. 10 - 14 | Exercise 3: Prokaryotes <i>Web: Gram Staining</i> | 21 - 31 |
| 6 | Feb. 17 - 21 | Exercise 4: A Modern Survey of Protistan Lineages <i>Web: Protists</i> | 33 - 57 |
| 7 | Feb. 24 - 28 | Exercise 5: Fungi <i>Web: Fungi</i> | 59 - 68 |
| 8 | March 3 - 7 | Exercise 6: Kingdom Plantae: Bryophytes, Pteridophytes, Gymnosperms <i>Web: Lower Plants</i> | 69 - 82 |
| 9 | March 10 - 14 | Exercise 7: Kingdom Plantae: Angiosperm Development <i>Web: Angiosperms</i> | 83 - 95 |
| 10 | March 17 - 21 | Spring Break - No Labs All Week | |
| 11 | March 24 - 28 | Exercise 8: Invertebrates <i>Web: Invertebrates</i> | 97 - 125 |
| 12 | March 31 - April 4 | Exercise 9: Phylum Arthropoda | 127 - 138 |
| 13 | April 7 - 11 | Exercise 10: Georgia Ecology MEET BEHIND THE REC CE[1)9(3)-3(8)]TJETQq493.54 255.41 5292 339.9 Tm02 | 139 - 145 |

Biology 1020 Biodiversity Lab – Spring 2014 - Room BC 1047

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|----------|---------------|----------------|------------------|-----------------|---------------|
| 8:00 AM | | | | SGCEP | |
| 8:30 AM | | | | Bernhardt | |
| 9:00 AM | | | | 8 - 9:50 | |
| 9:30 AM | | | | | |
| 10:00 AM | | Bio 1020 G | Bio 1020 L | Bio 1020 Lab Q | |