

## SYLLABUS

### I. General Information

Instructor:	Ms. Jana Pratt
Office:	N 253
Office Hours:	By appointment.
Phone:	664-6548
Email:	jpratt@csustan.edu
Required Text:	<i>World of Biology 1020 Lab Workbook</i> , 4 <sup>th</sup> Edition, by Grobner
Class Time/Place:	W (11:00am – 1:50pm) in N 223

### II. Course Description

World of Biology is designed to provide students with laboratory and field experience in various areas of biological science. We will explore many of the topics that are covered in BIOL 1010: Principles of Biology, although it should be noted that this lab course is graded separately.

### III. Grades:

Grades will be based on laboratory write-ups, quizzes, an optional final, and microscope care.

<b>Grading</b>	
<b>Grade</b>	<b>Points</b>
Laboratory write-ups (11 @ 10 pts. per lab)	<b>110</b>
Quizzes (10 @ 10 points per quiz, lowest will be dropped)	<b>90</b>
<b>Total</b>	<b>200</b>

The final exam is optional and can be worth up to 10 points extra credit. The final will be comprehensive and stress concepts addressed in each lab.

We will be using microscopes for four laboratories. During these labs, up to 5 points per lab may be deducted if microscopes and slides are not handled or stored properly.

**A = 100-90%, B = 89-80%, C = 79-70%, D = 69-60%, F <60%,  
CR ≥70%, NC <70%**

**Grading Options:** March 15 is the last day you may change your grading option to credit/no credit. To do so, you must have your instructor sign a yellow add/drop form. It is your responsibility to turn this form in to Admissions and Records. Consult with your advisor before making your decision. Grades will not be changed once they have been submitted.

#### IV. Laboratory Policies:

*World of Biology* is a laboratory course and as such requires your presence. It will be impossible to pass this course without regular attendance. Because the laboratory setups change from class to class, it is not possible to make up missed laboratories. Absences will result in no points for attendance and laboratory write-ups, and makeup quizzes will not be available. You can drop your lowest quiz or one that has been missed, but there is no way to make up for missed labs.

Quizzes begin at 11:00am. If you are late then you will have less time to complete the quiz. If you arrive after the quizzes have been collected you will not be able to take that quiz. I have zero tolerance for cheating. Anyone caught cheating on a quiz or the final may receive an F for the class. The final is optional. It will be comprehensive, stressing questions from previous quizzes and laboratory write-ups.

For most of the laboratories, you will work in groups of two or four students. However, each student will hand in his/her own write-up for each laboratory. Write-ups are due at the beginning of the next laboratory session and will be graded based on completing all the questions, data collection and graphs or diagrams requested.

Closed-toed shoes are required in the lab. You will not be allowed to participate in lab if you are wearing flip-flops or sandals. In addition, food and drink are prohibited in the lab at all times.

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#### Laboratory Schedule

Week	Date	Laboratory
1	1-Feb	Attendance, Safety
2	8-Feb	Nature of Science
3	15-Feb	Cells, Microscopes & Measurements
4	22-Feb	Transport
5	29-Feb	Metabolism
6	7-Mar	Cell Cycle (Mitosis)
7	14-Mar	Genetics
8	21-Mar	Human Physiology
9	28-Mar	Plant Biology
10	4-Apr	Animal Adaptations
11	11-Apr	No Class: Spring Break
12	18-Apr	Evolution- <b>Dress for the outdoors &amp; bring a calculator</b>
13	25-Apr	Populations
14	2-May	Ecology
15	9-May	Exam

**\* The above schedule and procedures in this course are subject to change in the event of extenuating circumstances.**