

# BIOLOGY 1100

## Survey of Biology

This is an information sheet only, not the course syllabus.

### COURSE DESCRIPTION

This biology course promotes scientific literacy for non-science majors and interested students. Organisms will be studied from their behavioral, ecological, hereditary, and evolutionary perspectives. An inquiry-based approach to understanding biological processes is emphasized. Students will explore the relevance of biology to contemporary issues in human society. Prerequisite: Prerequisite: Math 0481 with a C or better or a qualifying score on the Math Placement Exam. (4 credit hours)

### COURSE MATERIALS

**Textbook:** *The Living World* (edition 6) by George B. Johnson, published by McGraw Hill, ISBN: 9780077354954

### COURSE ACTIVITIES

Unit	Activity	Points
1	Assignment - Essay Explanation	20
	Assignment - Internet Site Critique	20
	Lab - Metric System	20
	Lab - Nuts-n-Bolts	20
	Quiz Questions	30
	Exam Project I - The Kaibab Plateau (Part 1)	20
	Exam Project I - The Kaibab Plateau (Part 2)	50
2	Assignment - Species	20
	Assignment - Ecosystems	20
	Assignment - Response Paper for <i>Inconvenient Truth</i>	20
	Lab - Predator-Prey	20
	Lab - Mark & Recapture	20
	Quiz Questions	30
	Exam Project I - The Kaibab Plateau (Part 3)	30
	Exam Project II - How did we get here? (Part 1)	40
3	Assignment - Carrie Buck	20
	Assignment - Internet Site Critique	20
	Lab - Molecular Clocks	20
	Lab - Genetic Drift	20
	Quiz Questions	30
	Exam Project II - How did we get here? (Part 2)	60
4	Assignment - The Cell as a Community	20
	Assignment - Down the Hatch!	20
	Lab - Surface Area and Volume	20
	Lab - Biological Membranes	20
	Quiz Questions	30
5	Assignment - Blood Types	20
	Assignment - Internet Site Critique	20
	Lab - Mr. and Mrs. George Gene	20
	Lab - Virtual Fly Lab	20
	Quiz Questions	30
	Exam Project III - Genetics	100

## **EVALUATION/GRADING**

Your final grade will be based upon your total points earned, applied to a standard grading scale.

3 Exam Projects	100 points each; 300 points total
10 Quiz Questions	15 points each; 150 points total
11 Unit Assignments	20 points each; 220 points total
10 Lab Exercises	20 points each; 200 points total

<b>Grade</b>	<b>Percentage</b>
A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

## **SATISFACTORY/FAIL OPTION**

The S/F grade option is available to students in this course. Contact the instructor or refer to the syllabus for details and conditions.

## **INCOMPLETE GRADE POLICY**

If you may find that you are unable to complete the course by the end of the semester for some unavoidable reason you may request an Incomplete grade. Incomplete grades will only be given for extreme situations. Contact the instructor or refer to the course syllabus for details.