

**BIOL 1108, Principles of Biology II, CRN 83349**  
**Fall Semester, 2019      Section A**

Lecture (BC 1023):    TR      9:30 – 10:45 a.m.

Co-requisite information: Principles of Biology Lab II (BC 1073; **Since the instructor is linked to all labs and lecture this semester, syllabus information for labs is also included in this syllabus**):

    BIOL 1108L A (CRN 83350)    T      2:00 - 4:50 p.m.  
    BIOL 1108L B (CRN 83351)    W      9:00 – 11:50 a.m.  
    BIOL 1108L C (CRN 83352)    W      1:00 – 3:50 p.m.  
    BIOL 1108L D (CRN 84210)    R      2:00 – 4:50 p.m.

**Instructor:** Dr. Russ Goddard, BC 2090. (Phone 249-2642; or Dept. office 333-5759)  
(Office hours: TR 11:00 – 12:30 p.m.)

**Official Contact email:** [rgoddard@valdosta.edu](mailto:rgoddard@valdosta.edu) (Don't expect replies through BlazeView mail)

**Course Catalog Description:**

BIOL 1108. Principles of Biology II. 3 Hours.

Prerequisite: BIOL 1107 and 1107L or permission of instructor. **Co-requisite: BIOL 1108L.** An introduction to physiological processes in plants and animals. Structure, nutrition, transport, coordination, reproduction, and development will be addressed.

BIOL 1108L. Principles of Biology Laboratory II. 1 Hour.

Prerequisites: BIOL 1107 and 1107L or permission of the instructor. **Co-requisite: BIOL 1108.** A laboratory course to accompany BIOL 1108, with exercises dealing with anatomy and physiology of plants and animals.

**Required Materials:**

**BIOL 1108 (Lecture Course):**

**Graded Course Components:** Your final grade will be based on your performance in the following course components: Additional unannounced in-class assignments may count toward the final grade during the semester.

**Lecture:** (400 pts): There will be **4 lecture exams** and an optional **comprehensive final exam** given on the dates listed below. Each exam counts 100 points toward your final grade. Students are required to know the lecture

material and the readings from the text for exams and quizzes.

**Final Exam (100 pts):** The final comprehensive exam is scheduled for **Thursday, 12 December 2019 from 8:00 – 10:00 a.m. in our classroom.** Students will have the option of taking this exam or skipping it and counting it as their “drop” grade.

**Dropped grade:** The lowest score you receive among the regular lecture exams or the final exam will be excluded (dropped) and will not be used for computing your final grade. Therefore, although there are 500 possible points from lecture scores, only 400 points will be used to compute your final grade. It is not possible to “drop” any laboratory grades from your final grade!

**Attendance and in-lecture quizzes:** Attendance in class is taken and absences are marked as point deficits (e.g. you will lose points from your combined exam grade score). Additionally, occasional in class quizzes will be given and will count a minor amount of extra credit toward the final course grade.

**Final grades** will be based on a percentage of your cumulative points relative to the total points possible:

Lecture Exams:	400 pts	A = 90-100%
Final Exam	100 pts (low dropped)	B = 80-89.9%
Misc. Quizzes & Attendance	<u>50 pts</u>	C = 70-79.9%
Total:	450 pts	D = 60-69.9%
		F = ≤ 59.9%

Guaranteed grade distribution is as follows:

**Notes on grading philosophy:** Students should note that a grade of "A" in this course represents an exemplary command of the material covered. To obtain this grade of excellence, it is recommended that students study daily and clarify with the professor any problems regarding course information, as they arise.

**MAKE-UP EXAMS:** The exam schedule is posted below. It is assumed that because students are registered for this course at the scheduled time and exams are given during this time, all students will be able to attend. Additionally, since one exam grade is dropped, absolutely **NO make-up exams are given.** If you cannot make it to a test at the assigned time for ANY reason, your exam grade will be zero and this will be the grade that is dropped in the computation of your final grade. In no circumstance should a student registered for this course miss two exams. If you know you will miss more than one exam time, you should **DROP THIS COURSE NOW.**

**EXAM SCHEDULE:**

**NOTE:** “Bubble” sheets will be provided and used during multiple choice exams. Please bring and use an



**Miscellaneous Assignments:** During the course, students will be required to complete the online pre- and post-quizzes available in the online laboratory manual adopted by the biology department for this course. These grades, as well as lab attendance, in lab quiz grades, and various homework assignments will be summed and a percentage grade will be calculated on a 100% scale. The combined grade will count as 1/3<sup>rd</sup> of your laboratory grade.

**Final grades** will be based on a percentage of your cumulative points relative to the total points possible:

Practical 1 (Plants):	100 pts
Practical 2 (Animals):	100 pts
Misc. Assignments:	<u>100 pts</u>
Total:	300 pts

Guaranteed grade distribution is as follows:

A = 90-100%
B = 80-89.9%
C = 70-79.9%
D = 60-69.9%
F = < 59.9%

**Tentative Lecture and Lab schedule (subject to revision):**

<b>Lecture:</b>				<b>Laboratory:</b>	
<u>Lecture</u>	<u>Date:</u>	<u>Topic:</u>	<u>Chapter</u> <u>Reading(s) pages</u>	<u>Date</u> <u>(Week of):</u>	<u>Exercise</u>
1	20 Aug.	How is physiology important in			

**Pre- and Post-Lab Quiz times**

<b>Lab:</b>	<b>Pre-Lab open; All Sections</b>	<b>Pre-lab close</b>				<b>Post-lab open</b>				<b>Post-lab close; All Sections</b>
		<b>Section A</b>	<b>Section B</b>	<b>Section C</b>	<b>Section D</b>	<b>Section A</b>	<b>Section B</b>	<b>Section C</b>	<b>Section D</b>	
Lab 2: Nonvascular Plants	19 Aug. 2019 8:00 a.m.	Tues., 27 Aug. 2019 2:00 p.m.	Wed., 28 Aug. 2019 9:00 a.m.	Wed., 28 Aug. 2019 1:00 p.m.	Thur., 29 Aug. 2019 2:00 p.m.	Tues., 27 Aug. 2019 5:00 p.m.	Wed., 28 Aug. 2019 11:50 a.m.	Wed., 28 Aug. 2019 4:00 p.m.	Thur., 29 Aug. 2019 5:00 p.m.	Tues., 3 Sept. 2019 8:00 a.m.
Lab 3: Vascular Plants	19 Aug. 2019 8:00 a.m.	Tues., 3 Sept. 2019 2:00 p.m.	Wed., 4 Sept. 2019 9:00 a.m.	Wed., 4 Sept. 2019 1:00 p.m.	Thur., 5 Sept. 2019 2:00 p.m.	Tues., 3 Sept. 2019 5:00 p.m.	Wed., 4 Sept. 2019 11:50 a.m.	Wed., 4 Sept. 2019 4:00 p.m.	Thur., 5 Sept. 2019 5:00 p.m.	Mon. 9 Sept. 2019 8:00 a.m.
Lab 4: Plant Cells	19 Aug. 2019 8:00 a.m.	Tues., 10 Sept. 2019 2:00 p.m.	Wed., 11 Sept. 2019 9:00 a.m.	Wed., 11 Sept. 2019 1:00 p.m.	Thur., 12 Sept. 2019 2:00 p.m.	Tues., 10 Sept. 2019 5:00 p.m.	Wed., 11 Sept. 2019 11:50 a.m.	Wed., 11 Sept. 2019 4:00 p.m.	Thur., 12 Sept. 2019 5:00 p.m.	Mon. 16 Sept. 2019 8:00 a.m.