BIOL 1108 Principles of Biology II (4 credits)
Lecture/Lab J and N Syllabus

Instructor: Dr. Catherine M. Bush
Office: Bailey Science 1108
Office hours: Monday and Friday 1-2 pm; or by appointment
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Lecture (BC 1011): Tuesday and Thursday 9.30 – 10.45 am
Lab (BC 1047): Section J – Monday 8 – 10.50 am
 Section N – Thursday 11 – 1.50 pm

Prerequisite: A passing grade in BIOL 1107 (or equivalent).

Description: An introduction to physiological processes in plants and animals. Structure,
nutrition, transport, coordination, reproduction, and development will be addressed.

Course goals and objectives: The primary goal of this course is to introduce physiological
processes of plants and animals. This is the second introductory course, and it is expected
that the student is familiar with topics covered in BIOL1107. By the end of the semester
students should have sufficient background to successfully complete higher-level courses
that will cover specific topics in much greater detail.
The Department of Biology seeks to help develop general skills, such as
communication skills and information processing skills. Communication skills will be
exercised through laboratory assignments and lab practicals and lecture exams.
Information processing skills will be developed because of the nature of biology. A lot of
information will be given to students in a relatively short period of time, and students are
expected to retain this information, not only for the final exam, but also for future courses.

Learning goals include:
• Understanding physiology of the major systems in plants and animals that include:
o Structure/function relationships
o Nutrition
o Transport
o Movement
o Reproduction
o Development
o Sensory systems
• Learning common experimental tools and techniques used in physiology
• Strengthening your ability to think critically and process information and data

These goals support the Department of Biology Education Outcome #2, #3 and #5 and VSU
General Education #5.

Textbook: Life: The Science of Biology, 9th edition. Sadava et al. Sinauer Associates, Inc.

At t enda nce: Attendance in lecture is expected by all studen ts. Att endance in lab oratory is

mandatory; see lab policy below.

Access to Slides/Information: Lecture slides will be made available on BlazeView by

5:00p m the day before l ecture. These slides will not have all the inform ation on them; it is

these are TENTATIVE , therefore the professor r ese rves the right to adjust the dates of the

- Finally, do the following: Take the lecture component and laboratory component numbers
you just calculated and add them together. Multiply this number by 100. This will give you
your final percentage you earned.

BIOL 1108 Principles of Biology II Lab Syllabus
Lab Conduct - Arrive on time. Assignments are due at the start of lab. Students arriving 10 minutes late
 will not be able to turn in assignments and will receive a zero (0) on those assignments - It is strongly advised to maintain a laboratory notebook with drawings, descriptions, data
 etc. of the laboratory exercises. The notebook will help you study for the practicals. - No eating or drinking during the lab. - Attendance to lab is mandatory. Excused absences are usually given for medical
 emergencies and documentation must be provided; the professor determines whether or
 not an absence is excused or not. If a student misses three labs for any reason the student