

For Science, Math, and Some
Health Science Majors

MWF, 8:00-8:50 am

Lecture Instructor: Dr. Emily Cantonwine (Dr. Cantonwine)

Office: BC 2087 – In an office cubby on the Northeast corner of Bailey on the second floor

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Office hours: BC 2087, TWRF 2:00-3:00. You are welcome to stop by my office at other times too. If I have time to meet, we can do so. If not, we will make an appointment.

Supplemental Instructor: TBD

Welcome to Principles of Biology I.

and reproduction; cell signaling; and gene regulation in bacteria and eukaryotes. There are no prerequisites for this course. BIOL 1107 lab is a co-requisite for students who have not already completed that course and BIOL 1100 is a co-requisite for Freshman Biology majors (offered Fall semesters only)

Required Resources:

Macmillan Achieve

Course Objectives and Outcomes: By the end of this course, students will be able to

- demonstrate an understanding of fundamental concepts of biology, including
 - o cellular structure, function, metabolism, and reproduction
 - o the nature of the gene and its action
 - o the mechanisms of evolution
- apply academic skills critical to success in upper-division science courses and intended careers, such as
 - o accurate interpretation of graphs and diagrams
 - o fluent use of scientific terminology
 - o effective study skills

ASSESSMENTS

Assessments

Achieve HW (10 of 13)

Possible Points

Percentage

SCALE

Course Policies, Procedures, & Expectations:

Expectations.

Attend class regularly, arrive on time & stay the entire class period.

Pay attention (avoid distractions). The skill of attention and self-discipline is yours to develop, not mine to police. I wish you all good fortune with these skills!

If you miss a lecture, watch the recording in Kaltura before the next lecture period.

It is your responsibility to take notes – I do not share my PowerPoint slides.

I may lecture faster than you can take notes. Write down as much as you can while still being able to follow the lecture, and use the lecture recording in Kaltura Media Gallery to fill in the rest of your notes after class. If your notes are complete before the next lecture period, you have met my expectations.

If you arrive late or must leave early, use the second-floor doors to reduce distractions. THANK YOU!

Laptop/Tablet policy. Off-

