

BIO 101 (0A3N) Fall 2021 Lab Schedule – 15 Week – Monday

Lab Instructor Information

- Name: Dr. Tupper
- Office CS 120
- Web: <https://blogs.nvcc.edu/ttupper/>
- Phone: 703.764.7767 Email: ttupper@nvcc.edu

LAB	DATES	TOPIC	Pages in Lab Manual
1	Aug 23	Introduction to Lab Safety and Lab Safety Quiz (0 points, but attendance is mandatory. If you do not attend this lab, you cannot proceed)	Laboratory tour and canvas quiz
2	Aug 30	Scientific Skills* (10)	P. 1
	Sept 6	Labor Day	Get away from screens.
3	Sept 13	Macromolecules* (10)	P. 15
4	Sept 20	Enzymes* (10)	P. 33
5	Sept 27	Microscopy (10)	p. 51
6	Oct 4	Osmosis* (10)	p. 71
	Oct 11	No Labs	Ditch your screens for a few hours.
7	Oct 18	Respiration* (10)	p. 81
8	Oct 25	Photosynthesis* (10)	p. 93
	Nov 1	Extended Lecture	
10	Nov 15	Natural Selection (10)	p. 125
11	Nov 22	Principles of Heredity (10)	p. 107

*** YOU MUST BRING YOUR SAFETY GOGGLES AND WEAR THEM FOR LAB**

BIO 101 LABORATORY GRADING AND POLICIES FALL 2021

Books and Materials: the general biology 1 lab manual is required for every lab. It's called "investigating life" and it's written by Ilya Temkin. You must provide your own extra notebook paper, graph paper, pencils, eraser, calculator, and safety goggles that are both **chemical splash resistant and impact resistant**. All of these are available for purchase at the Annandale Campus Bookstore. A student will **NOT** be permitted to perform the labs indicated by * on the schedule without proper goggles. **Face coverings are required in this lab (and lecture) to protect yourself and other students from covid. There are 27 other people in this lab, please get vaccinated. It will especially benefit those that are immunocompromised and cannot be vaccinated. Additionally, if your instructor gets sick, it will negatively impact the course in numerous ways.**

Attendance: You are expected to attend your scheduled lab section every week on time. If you are more than 10 minutes late, you will not be permitted to attend lab that day, and it will count as an absence. **Your instructor will take attendance each week, and if you were not present to do the lab work, written assignments about that work will not be accepted the following week.**

Grading: Your lab grade counts for 25% of your final grade in Biology 101. To be eligible to pass BIO 101, you may miss no more than three labs during the semester. Your work for each lab will be evaluated based on written work submitted; this may be a quiz, a lab report, or other written work as directed by your instructor. All point values are given in parentheses in the schedule above. All written work must legible and use proper English. Late assignments will not be accepted. A grade of 0 will be given for each missed lab. If you do not attend lab, you will not be eligible to take the quiz.

Make-up Labs: There will be no unexcused make-up labs offered, no exceptions.

Special Needs and Accommodations: Please see the instructor about any special problems or needs at the beginning of the semester. If you are seeking accommodations based on a disability, you must provide a disability data sheet, which can be obtained from the counselor for special needs.

Writing Assistance: For free, personalized conferences on writing assignments, including lab reports, call or go to the [Writing Assistance Center](#). (4th floor of CG building).

Cleaning Up: All working areas, equipment, and supplies in the lab must be kept clean, neat, and in good condition. You are expected to clean up after each lab and to treat all equipment and supplies with care. Your instructor will check the lab after each session, and if it is not cleaned appropriately, 10% will be deducted from the grade of every student in the class for that lab. Please use the lab lockers to store your coats and any books not used during class; these are absolutely not to be placed on the lab bench tops.

Cheating: Cheating includes: giving or receiving assistance when you are expected to work on your own, plagiarism, and presenting data or information as your own when they are not. If anyone is caught cheating in lab, he or she will fail the laboratory portion of the course.

You will be required to leave the lab if:

- (1) You are more than 10 minutes late to class
- (2) You are wearing open-toed (or other inappropriate) shoes
- (3) You are not wearing goggles or protective covering (when required)
- (4) You are breaking any safety rules, are endangering others, or are disruptive.
- (5) You have food or drink in the lab
- (6) You are not wearing an appropriate face covering in lab.

**THERE WILL BE NO EXCEPTIONS TO THESE REGULATIONS!
If you are asked to leave the lab, it will count as an absence**

Instructor reserves the right to alter this document at his/her discretion during the semester.