

# Biology Laboratory Safety During the Covid-19 Era

## Safety Requirements Before Arriving to Kean University

Use the following Links to learn about Kean University protocol & guidelines and laboratory safety

1. Written Document links: Read the Kean University protocol & guidelines found at the links below before the first face to face (F2F) laboratory.

<https://www.kean.edu/return-campus>

<https://www.kean.edu/media/phase-1-restart-plan>

2. **Video Link:** Watch the youtube videos that have been used for Biology Laboratories at Kean University before the first face-to-face (F2F) laboratory.

<https://www.youtube.com/watch?v=DCdxsnRF1Fk> (CDC)

<https://www.youtube.com/watch?v=3SfHdSHK-q0> (CDC)

<https://www.youtube.com/watch?v=xy9xxpscSQw> (UT Physicians)

3. **Quiz Link:** After reviewing **ALL** the safety information, you **MUST** take the Biology Laboratory Safety Quiz, and achieve a score of 80% or higher. If you do not achieve the minimum score, you can retake the safety quiz. In order to gain access to the Online Laboratory Learning Materials, you have to achieve the minimum score. Furthermore, students will not be allowed to participate in any biology laboratories until the minimum score is achieved on the laboratory safety quiz. Your instructors will provide the Biology Laboratory Safety Quiz during the online laboratory sessions during the first three weeks of the Fall 2020 semester. The quiz must be completed before you attend your first face-to-face laboratory session.

## Safety Requirements After Arriving at Kean University

1. You must leave personal belongings at home or in your vehicle. Only your laboratory manual, pens/pencil, and laboratory notebooks will be permitted in the laboratory. Electronics are upon instructor's discretion. **STRICTLY NO FOOD AND DRINK ALLOWED.**

2. When you arrive at the Kean University campus, be sure to wear your mask and follow all other campus-wide Covid 19 safety requirements. It is MANDATORY in University guidelines NO MASK NO ENTRY. See all posters and signage while on campus.

3. It is imperative that you arrive at the laboratory on time, since we will only have 70 minutes of working time. You will not be permitted to enter the lab if you arrive more than 5 minutes late.

4. When you arrive at the laboratory entrance; show the results of your COVID-19 test result or your Campus Clear health log to the instructor. Do **NOT** enter the inside laboratory room without receiving clearance from the instructor.

## **Safety Requirements During the Lab Session**

1. Immediately upon entering the laboratory, sit only at designated lab stations that are not marked with the sticker that reads "Cougars Care DO NOT SIT HERE".
2. You wash hands thoroughly and then put gloves on. Gloves protect your hands and anything that you touch may be transferred to your gloves. Therefore, keep hands away from your face, eyes, and mouth when working in the laboratory.
3. You should wipe your work surface area with disinfectants available in the lab
4. You will work individually in a socially distant manner until instructed otherwise by the lab instructor.
5. Do not engage in rowdy, playful, or unprofessional activities in the laboratory that might lead to improper social distancing.
6. While wearing examination gloves, students must avoid leaving the laboratory unless it's an emergency.
7. Do not use any lab equipment without instruction and authorization from the instructor.
8. Lab benches should be kept free of extraneous items while conducting experiments. This includes unnecessary books, backpacks, cell phones, and other personal items should not be in the laboratory at all.
9. If using the microscopes, clean with LENS paper wet with 75% Ethanol. Wipe the eye pieces, glass lenses, etc. Considering using goggles or glasses is helpful because COVID-19 virus has been found in eye secretions.

## **Safety Requirements at the end of the Lab Session**

1. At the completion of the lab, wipe down the work area with provided disinfectant, wipe the microscopes as instructed
2. Remove your gloves as instructed in the video and dispose of used gloves in the proper disposal container, and be sure to wash hands thoroughly.
3. Each student will leave the laboratory clean and organized for the next lab section. Leave your work area as clean, or cleaner, than you found it and return lab items to the designated locations in the drawers or cabinets. Make sure waste and trash are placed in the appropriate receptacles.
4. Leave the laboratory room **ONLY** from the designated exit door.
5. BE SAFE and ENJOY THE NEW NORMAL.

# **Designated Rooms for Biology Laboratory Classes**

## **Science Building**

C 145 Zoology Lab  
C 147 Molecular genetics /Cell Physiology Lab  
C 149 Biochemistry Lab  
C 151 Immunology, Virology, and Tissue Culture Lab  
C 153 Microbiology Lab  
C 156 Botany Lab

## **Bruce Hall Building**

B 110 Ecology Lab  
B 112 Genetics Lab  
B 113 General Bio 1 and 2 Bio 1300/Bio 1400 Lab  
B 114 Genetics Lab  
B 117 Anatomy and Physiology Lab  
B 121 Anatomy and Physiology Lab  
B 124 Principles of Biology Bio 1000 Lab