

**BIOZ 101 - Biological Concepts Laboratory – 1 credit**  
**LAB SCHEDULE – Fall 2019**  
**Virginia Commonwealth University**

Instructor: [Removed] Office Hours: [Removed] Room [Removed]

Required: (New and Unused) ***Biology 101 Laboratory Workbook*** available at the VCU Bookstore

Required Equipment: Chemical Safety goggles, lab coat

WEEK	TOPIC	HOMEWORK
1	[Removed] Labs will not meet this week Syllabus Quiz, Fundamentals of Lab Safety Quiz, Academic Integrity Quiz, Purchase workbook	Syllabus Quiz, Safety Quiz, Academic Integrity Quiz, Purchase workbook, goggles
2	[Removed] Labs are online this week; Scientific Inquiry online module (blackboard)	Scientific Inquiry online module (blackboard)
3	[Removed] The Scientific Study of Life	Study for Quiz 1, Pre and post labs
4	[Removed] Properties of Water	Study for Quiz 2, pre and post labs 1 <sup>st</sup> Summary
5	[Removed] Enzymes	Study for Quiz 3, pre and post labs
6	[Removed] Macromolecules	Study for Quiz 4 2 <sup>nd</sup> Summary
7	[Removed] Fermentation: Yogurt Making – How does carbohydrate type affect yogurt chemistry? (part 1)	Study for Quiz 5
8	[Removed] Fermentation part 2: Yogurt Making – How does carbohydrate type affect yogurt chemistry?	Yogurt lab Summary (3 <sup>rd</sup> Summary)
9	[Removed] Photosynthesis	Study for Quiz 6, pre and post labs
10	[Removed] Patterns of Inheritance	Study for Quiz 7, pre and post labs
11	[Removed] Circulation in Animals Part I	Study for Quiz 8, pre and post labs 4 <sup>th</sup> Summary
12	[Removed] Circulation in Animals Part II	Circulation lab 5 <sup>th</sup> Summary
13	[Removed] Gas Exchange in Animals (rat dissection) Nutrition and Digestion (rat dissection cont.)	Study for Quiz 9, pre and post labs;
14	[Removed] Reproduction and Development	Study for Quiz 10, pre and post labs
15	[Removed] Thanksgiving Break	
16	[Removed] Sensory Receptors	Turn in data sheet (Quiz 11)

This syllabus may be changed at the instructor's discretion.

## Course Description:

Semester course; 2 laboratory hours. 1 credit. Pre-or corequisite: BIOL 101, 151 or 152. Laboratory exercise correlated with BIOL 101. Not applicable for credit toward the B.S. in Biology. BIOL 101 lecture is a pre- or co-requisite for BIOZ 101 laboratory.

## Blackboard:

Blackboard is a web-based tool for students and instructors. Your grades will be posted on blackboard, which will allow you access to your grades any time via the web. The website address is [blackboard.vcu.edu](http://blackboard.vcu.edu).

## Grades and Policies:

This course is designed for non-majors.

VCU Fundamentals of Laboratory Safety: Quiz in blackboard must be completed with a score of 80% or higher before you will be permitted to enter the classroom.

- Minimum required PPE that must be worn at all times in a laboratory or technical area is full-length pants (or equivalent).
  - Minimum required PPE that must be worn at all times in a laboratory or technical area is closed toe/heel shoes to protect feet from chemical spills and sharp objects.
  - Remove all additional required PPE before leaving your workplace.
  - Never wear lab coats, gloves, coveralls or other potentially contaminated PPE to public locations such as cafeterias, restrooms, elevators, offices, or other off-site areas.
  - Always wash your hands after removing protective equipment and before leaving the work area.
  - Do not reuse disposable gloves.

[Removed] is the last day to withdraw from this course with a mark of "W".

**Attendance:** Attendance is mandatory. No credit will be given in the event of an unexcused absence for the respective quiz/assignment of the day missed. Furthermore, the quiz/assignment based on the material missed will not be accepted. Only special circumstances, such as a death in the family or illness, will warrant the opportunity to make up work (you must use your drop grade for the first excused absence); verification of such circumstances will be required (e.g., an obituary notice or doctor's note). You are allowed one drop grade. Tardiness is NOT acceptable. *Arriving late will result in missed opportunities to take quizzes and/or to turn in assignments. Missing three or more laboratories will automatically result in a grade of "F."*

**Quizzes:** The majority (if not all) of the material covered on quizzes and worksheets will come from the lab session(s) noted — usually that of the previous week. The lowest quiz grade will be dropped.

***Pre-Lab and Post Lab Reports:*** Pre-labs are on blackboard and post lab reports are located in your lab manual after each lab. They are due at the beginning of class. It is imperative that you keep up with these reports. Late pre- and post-labs will not be accepted.

***Final Exam:*** There is no final exam for the lab class during finals week.

***Letter grades*** are assigned using a 10-point scale (90–100% = A; 80–89% = B; 70–79% = C, 60–69% = D, 0–59% = F.)using the following calculations:

Summaries = 20%

Quizzes & online modules = 60%

Pre- and Post-Lab Reports = 20%

Total = 100%

***Extra Credit:*** There is no extra credit.

### **Required Syllabus Content:**

The required syllabus statements originally included here are maintained by the Office of the Provost and are regularly updated. To prevent the dissemination of information which may no longer be accurate or complete, the full text of the required syllabus statements have been removed from this document.

Students should visit <http://go.vcu.edu/syllabus> and review all syllabus statement information. The full university syllabus statement includes information on safety, registration, the VCU Honor Code, student conduct, withdrawal and more.