

Biology 1040 Organismal Biology Lab
Spring Semester 2021
Biology Department, College of Science and Math
Valdosta State University

Instructor: Mr. Christian B Burch

Office: Science Building

Office Hours: Wednesday 2:00pm or by appointment

Phone: Biology Dept. Main Office 333-5759

E-mail: cbburch@valdosta.edu

Room: Science Building 1046

Midterm: March 11, 2021. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hours: 1

Course Description:

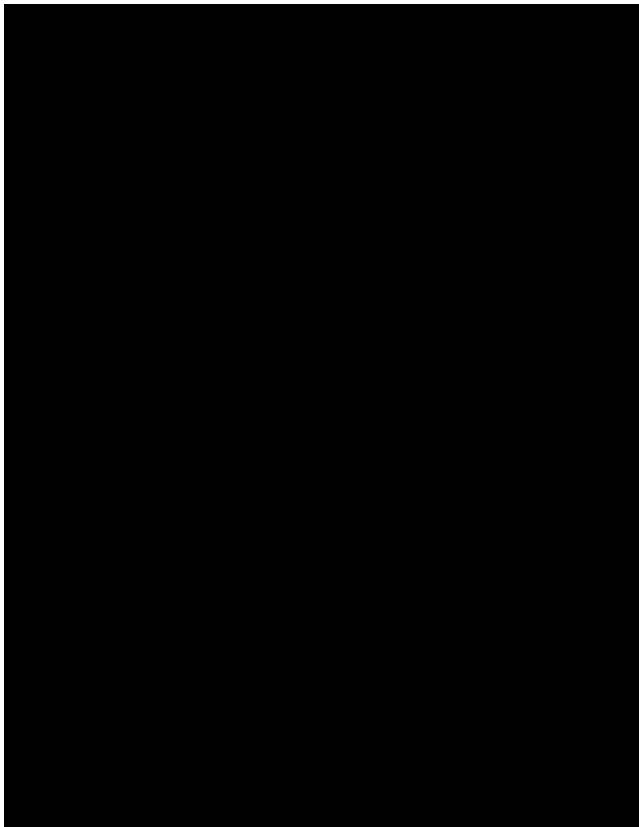
Bio 1040L Organismal Biology Lab

Co-requisite: **Bio 1030.** This course cannot be taken for credit toward the major in biology. A laboratory course to accompany Bio 1030 lecture, emphasizing the structure of multicellular organisms.

Course Objectives: This course is designed to accompany Bio 1030 by presenting exercises that emphasize the processes involved in the development and maintenance of multicellular organisms. The objective of this course is to provide students with a hands-on experience in general biology. Students will participate in the process of scientific inquiry by asking scientific questions, developing hypotheses, predicting outcomes of experiments, collecting and interpreting data and drawing conclusions from the results.

Learning Goal: Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

Materials: McGraw Hill Connect Online Labs. This can be purchased directly through the company (less expensive) following the directions below or an access card can be purchased through the bookstore. Here is the link and instructions: <https://connect.mheducation.com/class/t-doscher-biol-1040l-organismal-biology-lab-spring-2021-1>



COVID 19 CHANGES: Due to COVID 19 regulations we are altering the way we teach the non-major labs. Only half of the normal number of students can be in the lab at a time. Therefore, each class will be divided into 2 groups (group A

students are expected to do their own work and to uphold a high standard of academic ethics. A student caught cheating on a quiz, lab report, or assignment will receive a grade of zero and may receive a failing grade (F) in the course.

Each student will be required to complete his/her own lab report or assignment for certain lab experiments. Many of the experiments will be conducted as groups; however, group lab reports or lab reports identical to others in the class are not acceptable. **If two or more students turn in identical or similar lab reports or assignments, or online labs, those students will receive a grade of zero on the assignment.**

Disruptive Behavior: The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other campus activities. Therefore, any disruptive behavior in the laboratory that interferes with the teaching of the laboratory exercises or disturbs other students or faculty will not be tolerated. **Any student that disrupts the class will be removed from the class and possibly dropped from the course.** This student will also forfeit any points toward his or her grade from that day and will not be able to make up the lab. Refer to the Undergraduate Catalog for more information.

**TEXTING OR USING YOUR PHONE WILL NOT BE TOLERATED DURING CLASS!
YOU WILL BE ASKED TO LEAVE THE CLASS IF THIS POLICY IS BROKEN!**

Family Educational Rights and Privacy Act of 1974: It is illegal to release personal information about an individual to others. **Grades, averages, and other information will not be released to anyone but that individual; therefore, no grades will be posted or given out over the phone or email.**

Access Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-

Bio 1040 Organismal Lab Spring 2021 - Room BC 1046

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|----------|----------------|----------------|----------------|----------|--------|
| 8:00 AM | | | | | |
| 8:30 AM | | | | | |
| 9:00 AM | | | | | |
| 9:30 AM | | | | | |
| 10:00 AM | | | Bio 1040 Lab L | | |
| 10:30 AM | | | Le | | |
| 11:00 AM | | | 10 - 11:50 | | |
| 11:30 AM | | | | | |
| 12:00 PM | Bio 1040 Lab B | | Bio 1040 Lab M | | |
| 12:30 PM | Doscher | | Le | | |
| 1:00 PM | 12 - 1:50 | | 12 - 1:50 | | |
| 1:30 PM | | | | | |
| 2:00 PM | Bio 1040 Lab C | Bio 1040 Lab I | Bio 1040 Lab N | | |
| 2:30 PM | Burch | Burch | Doscher | | |
| 3:00 PM | 2 - 3:50 | 2 - 3:50 | 2 - 3:50 | | |
| 3:30 PM | | | | | |
| 4:00 PM | | | Lab meeting | | |
| 4:30 PM | | | Lab meeting | | |
| 5:00 PM | | | Lab meeting | | |
| 5:30 PM | | | Lab meeting | | |

GROUP A Biology 1040 Lab Schedule Spring 2021

Week 1 - Introduction, Syllabus, Safety Guidelines

Points

Week 1 **Jan. 11 - 13** Complete the following virtual labs listed under "Week 1 Introduction":
Virtual Lab Tutorial
Lab Safety - Handwashing
Lab Safety - Personal Safety

5
5
5

Jan. 18 - 20 **NO LABS DUE TO MLK DAY HOLIDAY**

Week 2 & 3 - Biological Macromolecules

Week 2 **Jan. 25 - 27**

GROUP B Biology 1040 Lab Schedule Spring 2021

Week 1 - Introduction, Syllabus, Safety Guidelines

Points

Week 1 Jan. 11 - 13 Compl (y)-6(l))T#T0CUP8()T#Te(1)18(3)18T#Th(1)1e(1)18(3)18fI0CUP80CUP8lwl (yiCUP8n-6(lg(1)