

COVID-19 Information (If VSU policy changes, so does this document)

CDC Guidance for Higher Education Where not Everyone is Fully Vaccinated: If you are interested in reading CDC guidance, it can be found here: <https://www.cdc.gov/coronavirus/2019-ncov/community/colleges-universities/considerations.html#section3>.

How will this course will be taught? Due to the availability of COVID-19 vaccine, VSU has moved back to face to face classes with no social distancing. I will also be recording lectures and posting them in Blazeview (BV). However, attendance is expected in lecture, and there will be no live-streaming of lecture.

Lecture and Masks: I am asking all students to wear masks. If you choose to not wear a mask, that is your right. If you feel uncomfortable sitting next to a fellow student who is not wearing a mask, you may at any point of the lecture get up and change seats.

Student, Faculty, and Staff Rights: No one should be treated differently based on their COVID-19 vaccination status. No one should be asked about their vaccine status. Based on vaccination status, students should not be segregated in a classroom or from other instructor-student interactions.

Vaccines: Everyone is encouraged to get vaccinated against COVID. According to DPH 28% of Lowndes County residents are fully vaccinated, and 33% at least one dose in Lowndes County (41% and 48% in Georgia). Vaccines and COVID testing are available at no cost to students at the Student Health Services; appointments can be made by calling 229-333-5886 or go to:

<https://www.valdosta.edu/administration/student-affairs/student-health/> to schedule an appointment.

Students also have a chance to win a \$500 scholarship or other prizes; drawings are on August 30, September 13, September 27, October 25

(https://valdosta.co1.qualtrics.com/jfe/form/SV_6VftIRw6paps914).

Social Distancing: VSU and the University System of Georgia do not have social distancing requirements; however, unvaccinated individuals are strongly encouraged to continue social distancing whenever possible. During office hours and other appointments, I will stay ~6 feet away from students.

What are the COVID-19 policies in class for the fall semester? As the Blazer Creed articulates, members of the VSU community are expected to live by the high standards of civility, integrity, and citizenship and embrace their responsibility as a member of the Blazer community. In recognition of this responsibility, and in response to the best available science and current guidance from the Centers for Disease Control and Prevention and the Georgia Department of Public Health, masks are strongly encouraged for individuals who are not vaccinated, and unvaccinated individuals are strongly encouraged to get vaccinated.

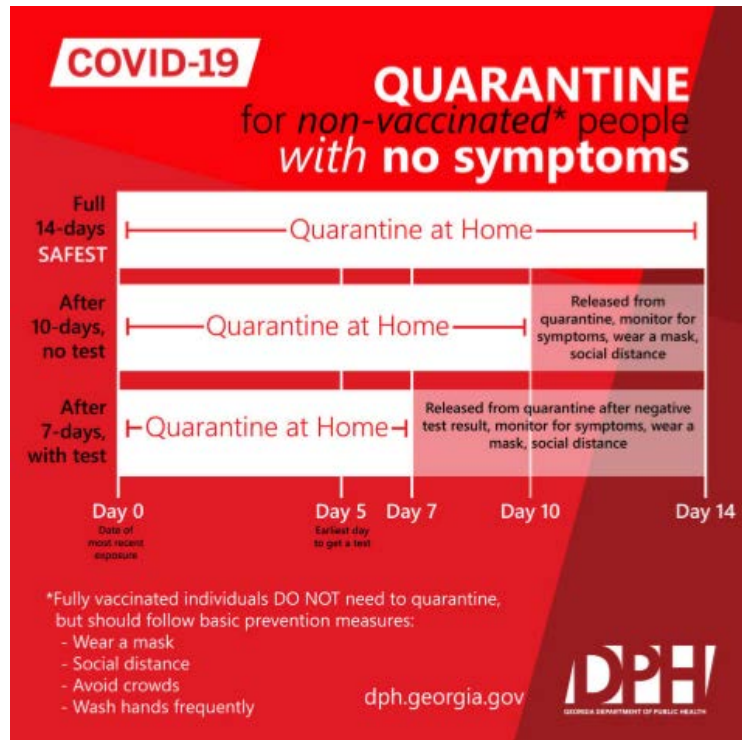
What are COVID-19 Symptoms? Common symptoms include fever, cough, shortness of breath or difficulty breathing, sore throat, loss of taste or smell, fatigue, muscle or body aches, nausea, diarrhea. If you have any of these symptoms do NOT come to class, go to the Student Health Center to get tested (it's free), and then follow their guidelines. If you do test positive, you will have access to videos online, and I will work with you to make sure have access to homework assignments.

How do I know when I should quarantine and when will it be considered an approved absence?

You must self-report positive COVID-19, self-isolation or a social distance concerns under MyVSU. Close contact is defined as <6 feet for greater than 15 minutes. If you come in close contact with someone who has COVID-19 you are not required to quarantine if you have been fully vaccinated against the virus AND show no symptoms, but if you do show symptoms after being in contact with someone who is positive, you should self-report and quarantine. If you are not fully vaccinated you should self-report and quarantine if i) you have been in close contact with someone who has COVID-19, ii) you show symptoms, iii) you test positive for COVID. In order to be excused from class you must self-report so that the Dean of

Students will send me notification. If you show me evidence from a physician, I will still ask you to self-report through the MyVSU portal.

What do students do if they are sick (with COVID or another diagnosed illness)? As far as this class goes, for positive COVID tests (or any other diagnosed health issues), please email me so that I can work with you so that you do not get behind. If you test positive for COVID you should self-report COVID in the portal. If you are asymptomatic or feel well enough to watch recorded videos and complete online homework and quizzes you should. If you are too sick to participate, let me know and we will figure out a plan that may include adjusted deadlines, extensions in assignments or an Incomplete. When you recover, you should only return to campus/class under the following conditions: *If you had COVID-19 symptoms* you must remain under self-isolation until 1) you have no fever for 72 hours without the use of medicine that reduces fevers; 2) your symptoms have improved; and 3) at least 10 days have passed since your symptoms first appeared. *If you are asymptomatic*, you must remain in self-isolation until 10 days have passed since the date of your first positive COVID-19 test, and you have had no subsequent illness.



What if Dr. Grove tests positive? *It is in your best interest that I (and your other professors) stay healthy.* I have been vaccinated, but because of the delta variant there is the possibility that I will contract COVID-19. If this happens, I will teach from home online, following CDC guidelines with self-isolation. If I become too sick to teach, the first course of action will be that a faculty member will step in to teach the class for me until I am better. If there are no faculty available to take over the class, we may make significant adjustments to how/when the class is taught, which may mean that you receive an incomplete until next semester.

Helpful Pages for Students:

- <https://www.valdosta.edu/administration/finance-admin/campus-wellness/student-resources.php>
- <https://www.valdosta.edu/health-advisory/covid-vaccines.php>
- <https://www.valdosta.edu/health-advisory/>

BIOL 1108 Principles of Biology II Syllabus (Fall 2021)

Instructor: Dr. Theresa J. Grove **Office:** In BC1036 (College of Science and Mathematics Dean's Office Suite) to the left of the bison

Office hours: Held in the atrium at the table outside of BC1036 on Monday 1:00-3:00pm, Wednesday 8-10am, Thursday 11:00am-12:00pm. Office hours are in-person. Online meetings can be scheduled by appointment. I am also available to schedule face to face appointments outside of 'regular' office hours. I ask that you wear a mask during office hours and other appointments.

Email: tjgrove@valdosta.edu (After 6 p.m. I may not respond until the next morning. If you send me an email over the weekend, I may not respond until Monday morning. I only infrequently check Blazeview messages (~ 1x/week), so please use my tjgrove@valdosta.edu account.

Office Phone: 229-333-5336 or 229-333-5699

Announcements: I routinely post announcements on BV about due dates, homework, etc.

Lecture (BC 3009): Tuesday/Thursday 9:30 a.m. – 10:45 a.m.

Prerequisite: BIOL 1107 (or the equivalent) or permission of the instructor.

Description: An introduction to physiological processes in plants and animals. Structure, nutrition, transport, coordination, reproduction, and development will be addressed.

The primary goal of this course is to introduce structure-function relationships and physiological processes of plants and animals. This is the second introductory course, and it is expected that you are familiar with topics covered in BIOL1107 so that you can build on your foundational knowledge of biology. At the end of the semester you will be able to successfully complete higher level courses.

Learning goals include:

- Increase your understanding of structure-function relationships in biology
- Increase your understanding of the physiology of the major systems in plants and animals including:
 - Structure/function relationships
 - Nutrition
 - Transport
 - Movement
 - Reproduction
 - Development
 - Sensory systems
- Cultivate the linkage of biology with math, physics, and chemistry
- Improve your scientific literacy

Textbooks

- Any Introductory Biology textbook will work.
 - Sadava et al. Life Textbook used previously in BIOL1107 (10th, 11th, or 12th editions)
 - OpenStax Biology 2e (<https://openstax.org/details/books/biology-2e>) is free
 - If you have some other intro biology textbook that you want to use, but have questions if it is acceptable, I am happy to take a look at it.

Support, Engagement and Success

- I want you to succeed, and I will work with you and support you to help you learn the material. Come to my office hours, ask questions in class, or set-up additional appointments with me.

- To learn the material, you must engage with the course content. Cramming a few days before the exam (or even a week before the exam) is not a good habit. You should go over the material (new and old) each week. Being a full-time student is a full-time job.
- For those of you who are majors in the College of Science and Math and who have earned 30 or fewer hours....check out GUIDES (see announcement in BV).
- Study guides are provided at the beginning of each group of slides and should be used to help guide you as you study. Using these as 'essay' questions to direct your studying and testing your knowledge, will help you learn the material.
- You can find a 'Study Tips' document in BV, and study tip sessions will be held the 2nd and 3rd week of classes (see BV for dates)

Fall 2021 TENTATIVE LECTURE SCHEDULE

(Note that this is a *very* tentative lecture schedule so topics and dates covered may change; exam dates will not change, unless due to an emergency)

August

- 17 Class Logistics and Connecting molecular/cellular biology (BIOL 1107) to physiology (BIOL1108)
- 19 COVID-19 vaccine
- 24 Continue Review of Certain Concepts from 1107 and Introduction to Physiology
- 26 Homeostasis and Adaptation
- 31 Understanding Phylogenies

September

- 2 Life Cycles
- 7 Reproduction
- 9 Reproduction
- 14 **Exam 1 (covers thru Reproduction)**
- 16 Development
- 21 Tissues, Organs, Organ Systems (Plants and Animals)
- 23 Tissues, Organs, Organ Systems (Plants and Animals)
- 28 Transport
- 30 Transport

October

- 5 **Exam 2**
- 7 Gas Exchange
- 12 Fall break (no class)
- 14 Osmotic Regulation, Salt and Water Balances
- 19 Osmotic Regulation, Salt and Water Balances
- 21 Sensing and Responding to the Environment
- 26 Sensing and Responding to the Environment
- 28 Signaling and Regulators

November

- 2 **Exam 3 (thru Chapter 51)**
- 4 Signaling and Regulators
- 9 Signaling and Regulators
- 11 Sensing and Responding to the Environment
- 16 Obtaining Nutrients
- 18 Obtaining Nutrients
- 23 Movement
- 25 No class: Thanksgiving
- 30 **Exam 4 (thru Chapter 47)**

December

- 2 Review for Final

Final Exam: Thursday, December 9 8am-10am; no early exams will be given.

Midterm: October 7; last day to withdraw is October 14.

Attendance: Attendance in lecture is expected by all students.

Academic conduct: Cheating and plagiarism will not be tolerated and may result in a failing grade for the assignment, exam, or your final grade. The Department of Biology has a plagiarism policy on its website, (<https://www.valdosta.edu/biology/resources.php>); it is the student's responsibility to make sure they understand this policy. It is your responsibility to read and understand the directions of all assignments, quizzes, and exams. If you have any questions ask before the due date.

Privacy Act (FERPA): The Family Educational Rights and Privacy Act (FERPA) prohibits the public posting of grades by social security number or in any manner personally identifiable to the individual student. No grades can be given over the telephone, but I do post grades in Blazeview.

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 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: access@valdosta.edu.

Title IX Statement: Valdosta State University (VSU) is committed to creating diverse and inclusive work and learning environments free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Interim Title IX Coordinator: Ms. Selenseia Holmes, titleix@valdosta.edu, Student Union, Suite 3106, Valdosta State University, Valdosta, Georgia 31698, 229-333-5941. To file a report (not make an inquiry) please visit https://cm.maxient.com/reportingform.php?ValdostaStateUniv&layout_id=7.

Concealed Guns on Campus: If you choose to carry a concealed weapon you are responsible for knowing and following the law. Licensed individuals may carry a handgun if it is mostly covered, does not actively draw the attention of people and is "not prominently, openly and intentionally displayed". While concealed guns are allowed in lecture and lab classrooms, no guns are allowed in faculty, staff and administrative offices and in rooms where high school students are enrolled (as well as other locations). It is the responsibility of you (the gun-carrier) to determine if there are high school students in the class by checking Banner or contacting the VSU's registrar to determine. It is a misdemeanor to violate this law. If you have any questions concerning this new law, contact University Police (229-333-7861) or the University Attorney (229-333-5351; West Hall 125).

Blazeview D2L: Take advantage of the resources on BV, which include the following:

- Check BV for course announcements.
- Beginning August 24, lecture slides will be available by ~5:00p.m. the day before lecture (if not earlier).
- I will record lectures and post them on BV. These recordings are not a substitute for attending lectures, but are meant as a tool to clarify content outside of lecture. If there are technology issues, the lecture recording will not be available.
- Grades will be posted in BV. If you have any questions about your grade, see me.

Lecture Exams (400 points total after lowest exam grade is dropped): A total of four (4) 'regular' exams and one (1) cumulative final exam will be given during the semester (a total of five exams), and each exam will be worth 100 points and will be multiple choice. No online exams will be given. The lowest exam grade out of the five exams will be dropped, which means that the final is optional. If you miss an exam you must contact me within 24 hours in order to makeup an exam; this makeup exam may have different questions or a different format (e.g., oral or essay). If you do not contact me within 24 hours, then this is the exam that will be dropped. If you are COVID positive and have gone through VSU's

Reporting Portal, and I have received an email from student affairs, then you can take the exam when you are out of isolation. Except under extenuating circumstances with evidence from doctors, students must setup a time to retake the exam within 5 business days of returning to class. If you are COVID positive and are too ill to take the exam, I will work with you. Generally, no early exams (including the final exam) will be given.

Any content from lecture, any assignments and quizzes is fair game for an exam. 'Regular' exams will have ~55-70 multiple choice questions; the final will have ~110 multiple choice questions. On each exam there may be a few questions (5-10) on "old" material. All exams will be completed during class. Students will not be allowed to leave during an exam; if a student leaves, their exam will be graded 'as is'.

All exams are closed book. Communicating with other living humans, using a cell phone or any other item to look at information during an exam is considered cheating. If caught, you will earn a zero for this exam, and this zero will be calculated in your final grade (it can't be your dropped exam). An Academic Integrity Report will be filed with Student Affairs for any student caught cheating.

Online Quizzes in BV (~100 points total): To help you prepare for lecture exams, multiple choice quizzes with 5-10 questions will be given throughout the semester in BV. You will complete these quizzes 2 times and both scores will count towards your total points earned. For the first attempt each question is worth 0.25 points, and for the second attempt each question is worth 1 point. Based on these point values, each quiz (combined 1st and 2nd attempts) will be worth 10-20 points. The **1st attempt** at a quiz will be timed (1 minute/question) and while it will be considered open book, you should study content prior to taking the quiz to determine how much you understand the material. The **2nd attempt** will also be open book, but it will not be timed (you have all the time you need to figure answer the questions).

These quizzes will be completed on BV. There will be no quizzes during the first week of class (August 16-20), but there will be one quiz worth 5-10 points completed each week for a total of ~100 points. All quizzes will count towards your grade (there will be no dropped quizzes).

The timing and the due dates for the quizzes will be as follows for the two attempts:

- Each 1st attempt (timed) will open on Monday at noon (12:00pm EST) and will close (become unavailable) at noon (12:00pm) on Wednesday, which gives you 48 hours to complete these quizzes. Each question on these quizzes will be worth 0.25 pts.
- Each 2nd attempt will open Wednesday at noon (12:00pm EST) and will be due the following Monday at noon. These will not be timed and will be open book. Each question on these quizzes will be worth 1 points.

Each student will be given 5 opportunities to re-open the 2nd attempt at a quiz. To do this, you must send me an email to tigrove@valdosta.edu within a week of the due date for that particular quiz, give me the quiz number (e.g. Quiz 1), and ask me to re-open it. No questions will be asked. The 1st attempt timed quizzes will not be reopened.

Lecture Activities (~50 points): Lecture assignments may include take-home, in-class, or online assignments. Assignments will be worth variable points. Online assignments will open and close automatically; generally, no late assignment will be accepted once the due date passes without an approved excuse (Dr. Grove determines whether or not an absence is excused).

Lecture Quizzes (~100 points): To help you prepare for lecture exams, short quizzes (10 pts: 5 questions, 2 points each) will be given in lecture throughout the semester. These may occur at the beginning, middle and/or end of a lecture and usually will not be announced; 2 quizzes may be given during any lecture. If you arrive late you may have less time to complete the quiz (or you may miss it completely). Approximately 15 quizzes will be given throughout the semester, and the highest 10 will be counted towards your grade. Because I only count your highest 10 grades, a missed quiz cannot be made up. Quizzes may have various formats including, but not limited to, closed book, open book, and group quizzes. Quizzes may also have confidence components included with each question. The confidence component is designed for you to think about your mastery of the subject and will ask you if

you are “Confident” or “Not Confident” with your answer. Students who are accurate and confident in their knowledge and understanding of the material will earn the most points, and students who are wrong, but think they are right will earn the least amount of points. Essentially, the metacognitive component of the quiz should increase the confidence in students who do know the material, but may not be confident in their understanding, and to help some students who are overly confident in their understanding of the material recognize that they are not as prepared as they think they are. The point values for your answers will be:

- 2 pts: Right answer and confident
- 1 pts: Right answer but not confident
- 0.5 pt: Wrong answer and not confident
- 0 pts: Wrong answer but confident

LaunchPad for Lecture: If you have purchased LaunchPad for BIOL1107, you can use it to help you learn the material, but having it and using it is your choice. No Launchpad assignments are required.

Grade Scale: I reserve the right to curve (or not curve) the final course grade (or any exam grade) at the end of the semester. The grading scale is below.

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F < 60

Grade: To calculate your grade, add up the points that you earn and then divide by the total points possible. Multiply this number by 100% to get a percentage.

Changing Syllabus: While the overall grading scale and assignments described in this syllabus are not expected to change, it is possible that adjustments or changes to this syllabus will occur due to various reasons. In the event changes to this syllabus occur, the new syllabus will be posted in BV, and changes discussed in lecture. The new syllabus will then supersede any previous syllabus versions