

Smart Path Core Online - BIOLOGY 1040 Lab sections P60

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CATALOG DESCRIPTION: This is an online version of courses meeting core requirements as listed in the VSU student catalogue as described below:

BIOL 1040L. Organismal Biology Lab. 1 Hour.

Corequisite: **BIOL1030**. This course cannot be taken for credit to state the understanding of the physical universe and they will use scientific methods and/or mathematical reasoning and concepts to solve problems. (<http://www.valdosta.edu/gec/ProposedNewLearningOutcomes>) Specifically, students will:

- a. Learn about the nature of science and how to build scientific knowledge;
- b. Demonstrate a fundamental knowledge of the chemical and cellular basis of life;
- c. Relate the structure and the function of DNA/RNA to 2L(\$140.00)

Company <https://www.labster.com/> See the lab syllabus and specific instructions posted on the BIOL 1040 Blazeview site for detailed instructions on registering for and using “Labster” tm. You can set up your account with a credit card or by using student aid to purchase a license voucher number from the VSU Bookstore. You must start the first simulation to register for Labster.

GENERAL DESCRIPTION: This lab is conducted online by requiring the student to conduct exercises and experiment in a simulated laboratory environment. As the student proceeds through each exercise they are scored on background information, results and methods by ongoing quizzing during the exercises. At the end of an exercise the quiz question answers are compiled and scored for a grade that is reported to the instructor. A student may complete the lab as many times as necessary. The best attempt will be counted for your final grade. Students are given the necessary background information and theory in a reference section. In order to do well in this lab the student will need to thoroughly understand the theory, background, actual simulation procedures and results.

GRADING: The grade for lab is a stand alone credit hour grade. It is not averaged into the overall lecture grade for BIOL 1030. Lab scores will be averaged together to get an overall average. Lab grades will be assigned based on that score using a 100 Point scale:

A: 90 – 100%, B: 80 – 89%, C: 70 – 79%, D: 60 – 69%, F: < 60% .

Lab simulations: There will be fourteen lab simulations over the course of the semester. Each lab will consist of quiz questions and tasks you must complete to receive full credit. The final score for each lab simulation will be averaged together for your final grade.

OFFICE HOURS & COMMUNICATION:

Email: Email is the simplest and primary way to contact me outside of class and is the quickest way for me to contact you as well. All email should be sent directly to jshuabrown@valdosta.edu. You are required to check and maintain your Valdosta State University email account regularly. I will only communicate with you through this official email account. Do NOT email using the Blazeview system.

Biology Tutoring: The Academic Support Center (ASC) at Valdosta State University is located on the second floor of the Odum Library. The ASC provides free peer tutoring in core curriculum courses, including biology. ~~Call 7330~~ make an appointment, or visit their website at <https://www.valdosta.edu/asc/>

MID-TERM, OR IN-PROGRESS GRADES: The instructor is required to submit in-progress grades prior to mid-term as posted. In theory, a mid-term grade is necessary for a student to assess how s/he is doing in class by midterm. In this course, students will have feedback on at least one major exam by midterm, several lab quizzes, lab assignments, and homework or writing assignments. The instructor will, in general, assign an ~~overall~~ average grade at this point on the normal scale of ~~A~~ F viewable on Banner. Students receiving a grade of "D" or lower should therefore carefully evaluate their option of dropping this course by midterm without academic penalty.

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 by email or over the phone, as positive identification cannot be made by this manner.

Accommodations Statement:

Students with disabilities who are experiencing barriers in this course may contact the Access Office (<https://www.valdosta.edu/student/disability/>) for assistance in determining and implementing reasonable accommodations. The Access Office is located in University Center Room 4136 Entrance 5. The phone numbers are 229-245-2498 (V), 229-375-5871. For more information, please visit SU's Access Office or email: access@valdosta.edu. To request reasonable accommodations for pregnancy and childbirth, contact Christina Kidd, Student Conduct Coordinator at chkidd@valdosta.edu. Please note, you will be required to provide documentation from an appropriately licensed medical professional indicating the requested accommodations are medically necessary.

Non-Discrimination and Title IX Statement

Valdosta State University (VSU) upholds all applicable laws and policies regarding discrimination on the basis of race, [REDACTED] origin, religion, age, veteran status, political affiliation, or disability. The University prohibits specific forms of behavior that