

Smart Path Core Online - BIOLOGY 1040 Lab sections O1P (CRN 50696) & O2P(CRN 52953) - Syllabus – Summer II 2022

Co-requisite Lecture: BIOL 1030 - ORGANISMAL BIOLOGY SYLLABUS – Online Section

Access to the class via VSU Blazeview begins June 8th, 2022 and runs until July 26th, 2022

Instructor: Dr. John Elder

Office: BC 2088 Bailey Science Center -VSU

Office Phone: (229) 333-5762, Email: jfelder@valdosta.edu

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: **BIOL 1030**. This course cannot be taken for credit toward the major in biology. A laboratory course to accompany Biology 1030, emphasizing the structure of multicellular organisms. This course focusses on the chemical and cellular level of organization, genetics and organ systems of living things.

COURSE OBJECTIVES: This course fulfills one portion of Area D of the Learning Outcomes for Valdosta State University's Core Curriculum: 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.

(<http://www.valdosta.edu/gec/ProposedNewLearningOutcomes.shtml>) 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 the development of form and function of the organism and to heredity;
- d. Effectively organize, communicate and apply their knowledge of biology to their everyday lives.

More specific course exercise objectives and goals are listed at the beginning of each individual "Labster"™ online lab simulation.

LAB MATERIALS: The Biology 1040 P60 Smartpath lab requires that you purchase a license (\$96.00) to access online laboratory simulations provided by "Labster"™ 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"™. 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 will receive an email notice giving you instructions on how to register for the class in Labster. You must follow these instructions exactly in order to do the labs and receive credit for the course.

GENERAL DESCRIPTION: This lab is conducted online by requiring the student to conduct exercises and experiments 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 questions answers are compiled and scored for a grade that is reported to the instructor. If a student makes multiple attempts at completing a lab their average score will be used as their final grade for that lab. 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. Labs are associated with Lecture Modules and must be completed by due dates given in the lab schedule for the course.

GRADING: The grade for lab is a stand alone 1 credit hour grade. It is not averaged into the 3 hour lecture grade for BIOL 1030. Lab scores will be averaged together to get an overall course 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% .

There is no "extra credit".

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 jfelder@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.**

Blazeview: We will be using Blazeview throughout the semester as a tool for sharing grade information. I will post course tentative grades as well as any necessary class materials. Note that I use the Blazeview site grade sheet **only to report grades** to you. I do not use it to actually calculate grades. I use a separate spreadsheet. All official course information is located on Blazeview and students are expected to regularly access the Blazeview website.

BIOLOGY TUTORING: The **Student Success Center (SSC)** at Valdosta State University is located in **Langdale Residence Hall above the Tech Shop** and is available to all students. The SSC provides free peer tutoring in core curriculum courses, including biology, chemistry, math, writing, and foreign languages. The SSC also provides free professional academic advising and on-campus job information in one location. **Call 333-7570** to make an appointment, or visit the website: www.valdosta.edu/ssc.

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 any 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 telephone, as positive identification cannot be made by this manner.

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 a diverse and inclusive work and learning environment 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 pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, 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 Title IX Coordinator: **Maggie Viverette, Director of the Office of Social Equity**, titleix@valdosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

See Lab Class Schedule in getting started and use it to remain aware of due dates.