

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:

- Learn about the nature of science and how to build scientific knowledge;
- Demonstrate a fundamental knowledge of the chemical and cellular basis of life;
- 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” <sup>tm</sup>. 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 [joshuabrown@valdosta.edu](mailto:joshuabrown@valdosta.edu) You are required to check and maintain your