

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

BIOL 1030. Introduction to Biology: Organismal Biology. 3 Hours.

Corequisite **BIOL 1040L**. This course cannot be taken for credit toward a major in biology. An introduction to modern biology for the non-major with special emphasis on the processes involved in the development and maintenance of complex multicellular organisms.

This course focuses on the chemical and cellular level of organization along with genetics 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.sh>) 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.

COURSE MATERIALS:

Textbook: The textbook for this course is available free online and as a download. Alternatively, you may purchase a hardcopy book directly online or from the VSU bookstore. The text is: Concepts of Biology from OpenStax College, ISBN 1 03816811 0, and can be accessed at <https://openstax.org/details/books/conceptbiology> Course content will be drawn from assigned readings in the Concepts of Biology text. The text is available free online, in a variety of formats, and

Exams: There are five scheduled online exams during the term.

Exams and quizzes are online and done on the class Blazeview site.

Exams must be taken using a computer or iPad. *Chromebooks will not work for exams on Blazeview.*

There will be one exam for each module of course content.

The exams will be available for 48 hours from when they first open.

- Students may access the exam only once and only one attempt is allowed.
- If a student leaves the exam before completion, only 40% of the exam is available.

Discussion/responses 0.15= + _____

Overall class score= _____

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. You are required to check and maintain your Valdosta State University email account regularly. I do not recommend you use Blazeview to contact me, there is a chance it will not see your message for an extended period of time.

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 gradesheet only to report grades to you as they come in. 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 Academic Support Center (ASC) at Valdosta State University is located in the VSU Odom Library and is available to all students. The ASC provides free peer tutoring in core curriculum courses, including biology, chemistry, math, writing, and foreign languages. The ASC also provides free professional academic advising and on-campus information in one location. Call 333-7570 to make an appointment, or visit the website:

www.valdosta.edu/ssc.

PR / ACT

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