

Introductory Genetics
BIOL 3200(5200), Section A (3 credit hours), Spring Semester 2019

Lecture (BC 1023): Tuesday and Thursday 3:30 pm – 4:45 pm

Instructor: Dr. Cristina Calestani

Office: BC 2085

Phone: (229) 333-7175

Email: [ccalestani@C0.2 \(e\) 0 5 \(cD \(ni\) 0.2 \(@C0.2 \(e\) 0 5 \(cD \(ni\) 0.2 \(@C0.2 \(e\) \(l\) m m mq 0.24 0](mailto:ccalestani@C0.2 (e) 0 5 (cD (ni) 0.2 (@C0.2 (e) 0 5 (cD (ni) 0.2 (@C0.2 (e) (l) m m mq 0.24 0)

By the end of this course the students will be able to:

1. Demonstrate knowledge and comprehension of terminology and basic principles of genetic inheritance at the level of individuals and populations (Biology outcomes 1 through 5; VSU outcomes 3 and 5)

7. Describe and demonstrate comprehension of the basic molecular and cellular mechanisms regulating genetic inheritance (Biology outcome 3 and 4; VSU outcomes 3 and 5)

8. Relate the structure and function of DNA/RNA to the development of form and function (phenotype) of the organism (Biology outcomes 3 and 4; VSU outcomes 3 and 5)

9. Demonstrate comprehension of experimental approaches used to test specific hypothesis in classical, population and molecular genetics (Biology outcome 1, 2, 3, 4, 5; VSU outcomes 3 and 5)

Textbook

, 4th edition, by Benjamin A. Pierce. Editor, W.H. Freeman & Company.

Additional required material

Clicker NXT Device & Turning Account-1Year (Turning Technologies).

ASSESSMENTS

The course assessments will consist of four exams, in-class activities and online quizzes.

Exams will be taken during class time and must be turned in by the scheduled end of class. The fourth exam will be a comprehensive final. In-

!

b) Online quizzes(10

Learning Support

The Academic Support Center: The Academic Support Center provides free peer tutoring for most core courses and some upper-division courses. It also offers time management and study skills workshops as well as other learning support services.

Call 333-7570 to make an appointment, or visit the website: <https://www.valdosta.edu/asc/>

Odum Library provides a variety of services to assist classroom instruction, including library instruction, course reserves, and interlibrary loan. Please see <https://www.valdosta.edu/academics/library/> for further information.

Title IX Statement: Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment.

