

Rule 6A-14.092 Textbook and Course Material Affordability and Transparency

SEMESTER INFORMATION

1. Biology for Science Majors 1. BSC 2010
2. CRN: 81029
3. 3 credit hours/ 3 contact hours
4. Prerequisite: Completion of CHM 1040 (Fundamentals of Chemistry) is required and understanding of fundamental chemistry concepts will be expected.
5. Corequisite: Biology for Science Majors 1 Laboratory, BSC 2010L is required.
6. Fall 2023

CONTACT INFORMATION

1. Instructor: Ms. Carrie Fioramonti
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4. Division Chair: Fledia Ellis, fellis@gulfcoast.edu, ext. 3848
5. Division Administrative Assistant: Kathy Bleday, kbleday@gulfcoast.edu, ext. 3851

APPROVED COURSE MATERIALS AND RESOURCES

1. Textbook: Campbell Biology in Focus, 3rd Edition, Urry, Cain, Wasserman & Minorsky, 2020, Pearson Publishing
 - a. Hardbound with Mastering - ISBN-13: 9780134875040
 - b. Looseleaf with Mastering – ISBN 9780135686065
2. CANVAS learning management system account and Gulf Coast email address

CURRICULUM

1. Course description: BSC 2010 is the first of two courses designed to provide depth in the biological sciences for students majoring in the life sciences. This course covers the scientific method, the chemical and cellular basis of life, bioenergetics, cellular reproduction, and genetics at the molecular and organism levels.
1. Instructional Delivery: Instruction will consist of a mixture of lectures/videos for note-taking and reading assignments from the textbook that accompany the lectures. Classroom activities and discussions will provide formative feedback and assessment. Summative assessment will include quizzes and exams.
2. Broad goals of the course: This course is designed to provide students with the basic foundation of the biological sciences: the fundamental similarities of all living things; the organization of life at the cellular level; the metabolic and energy transactions involved in life's processes; the reproduction of life; and the transmission of traits from one generation to the next.

Approved Student Learning Outcomes:

1. Demonstrate understanding of the composition and components of the basic cell, including the functions of cellular organelles.
2. Identify the different stages of the eukaryotic cell cycle and describe the outcomes of both mitosis and meiosis.
3. Apply the premises of transcription and translation to determine the results of gene expression in the form of protein production.
4. Summarize the flow of energy into and out of the cell through the processes of photosynthesis and cellular respiration.

Expectations of the Student

1. Academic Integrity Policy: Honest participation in academic endeavors fosters an environment in which optimal learning can take place and is consistent with the college's mission. Academic misconduct, including cheating or plagiarism, is destructive to the spirit of an educational environment and therefore will not be tolerated. "Cheating" includes but is not limited to use of any unauthorized assistance in completing course work. "Plagiarism" includes, but is not limited to, the use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment. Sanctions for incidences of academic misconduct, depending on the severity of the incidence and/or its repetition, may range from receiving an F grade (or zero) for the test, assignment, or activity, to failure of the course, to suspension or dismissal from the program or the college.
2. Student Accessibility Statement: Gulf Coast State College supports an inclusive learning environment for all students. If there are aspects of the instruction or design of this course that hinder your full participation, reasonable accommodations can be arranged. Prior to receiving accommodations, you must register with Student Accessibility Resources. Appropriate academic accommodations will be determined based on the documented needs of the student. For information regarding the registration process, email sar@gulfcoast.edu or call 850-747-3243.
3. Lecture Recording Policy: In accordance with federal and state privacy laws, students may record class lectures for their own personal educational use, in connection with a complaint to the college, or as evidence in internal or external legal proceedings. Students may not publish or upload the recordings or any components thereof without the knowledge and written permission of the faculty member. Failure to obtain permission to publish could lead to the students' having to pay damages, attorney fees, and court costs. For more information about what can be recorded, please see the guidelines in the current Student Handbook on the Gulf Coast State College website.
4. Attendance: Regular class attendance and participation are significant factors that help to promote success in college. Students are expected to attend all class meetings of all courses for which they are registered. Attendance will be taken for each class as a perfunctory task. A student must show academic activity for this course within first two weeks of the semester or they will be reported as a "No Show" and withdrawn from the course. Emails do not count as academic activity, nor does Canvas Activity. Participation by attendance or assignment submission will be required.
5. Withdrawal: Students wishing to withdraw from a course must complete a withdrawal form and submit the form to the Office of Enrollment Services before the scheduled withdrawal date as published on the college calendar. Student withdrawals initiated prior to the scheduled

withdrawal deadline (see Academic Calendar) will be recorded as a grade of “W”. Two withdrawals are permitted per credit course. After that, a grade will be assigned. Please be concerned about withdrawals. When admitting students into certain programs, universities may calculate withdrawals as grades. It is your responsibility to verify the effects of enrollment and/or withdrawal upon your financial assistance (financial aid, scholarships, grants, etc.).

6. Incomplete Grade Policy: To receive a grade of “I” (for “Incomplete”) in a class, the student must submit a written request to the instructor prior to the last day of the course. The “Incomplete” option is only intended to help students who have an emergency arise in the last weeks of the class that prevents them from finishing all work. The “Incomplete” provides 30 days from the ending date of the course to make up any missing work. If work is not submitted during this time period, the grade will automatically change to an “F”.
7. Laptop / Personal Technology Policy: All cell phones must be turned off (not on vibrate) and put away (in a pocket, a purse, or a back pack) by the time class starts and may not be visible until the instructor has left the room at the end of class except when used for class activity. Sending or receiving cell phone calls, pages or text messages is not allowed except for law enforcement officers, firefighters or other first responders. Other than these, any student who leaves the classroom to use a cell phone will not be permitted back in class and an absence may be assessed. Unauthorized use of a cell phone in class can be construed as a Disruptive Act as defined in the Student Code of Conduct in the GCSC Student Handbook and as a violation of the Academic Integrity Policy and may result in dismissal from the class. The student cannot be readmitted to the class without seeing the Chair of the Natural Sciences Division and obtaining clearance to attend class.

Method of Student Performance

1. Method of Assessment: Unit exams, a final exam, quizzes, and homework/projects.
2. GCSC Grading Scale:
 - a. A 90 – 100%
 - b. B 80 – 89%
 - c. C 70 – 79%
 - d. D 60 – 69%
 - e. F < 60%