



Syllabus Spring 2023

Jan. 9- May 5

I. Course Information

Course Title: Integrated Princ. Biology II

Course No. and Section: BSC2011-01

Instructor Name: Prof. E. Amesbury

Credit Hours: 3

Course Location: 2-114

Meeting Dates: Tues/Thurs.11-12:15

Office Location: 2-218E or Canvas

Office Hours: Thursday 2-5:00


Preferred Contact: through Canvas Msg.

Email: amesbure@cf.edu

Extended Emergency Closure

“For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our [website](#) (CF.edu).”

II. Course Description



In this course, you will explore the origin of life on our planet and examine the process of evolution that shaped the vast diversity of life forms including prokaryotes, algae, fungi, plants and animals. To receive lab credit, students should also register for BSC2011L. This course is intended for students of the biological sciences (i.e. a course for science majors).

Prerequisite: Biology I

Required Text Title: Openstax “Biology”

Website:

<https://openstax.org/details/books/biology-2e>

[Openstax "Biology" PDF link](#)

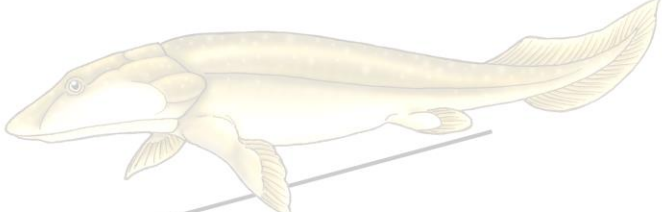
Edition: 2nd Edition

ISBN No.: Free to download

Optional Materials: Laptop (**highly recommended**), Cell Phone

III. General Information

Assignments/Grades



All assignments must be submitted by the posted deadline date and time (see detailed explanation below for make-ups). Once you begin your online Quizzes or Exams, the allotted time will begin and you will not be permitted to “save” your progress to resume later. This means that you should not begin until you are prepared to complete them in their entirety.

Assignment	Points Earned	Weight
Tests (3)	100-120 each Test	30%
Quizzes and Assignments (variable)	50-100	35% each (70% total)

Grade	Percentage
A	100-90.00
B+	89.99-87.00
B	86.99-80.00
C+	79.99-77.00
C	76.99-70.00
D	69.99-60.00
F	59.99-0

Course Delivery

1. This is a **live in-class course**, with **the option to view the lectures through Zoom**. Lectures will also be recorded for you to review at a later date, or to use as a study tool. The course materials and assignments will be listed on Canvas (<https://cf.instructure.com>), and it is the student's responsibility to ensure sufficient internet access to obtain the course materials, complete course assignments, and submit before the deadline.
2. ALL assignments must be submitted before the due date and time:
 - ANY assignments submitted after the due date and time, no matter how late, will receive a 0.
 - Course work CANNOT be made up.
 - Lack of internet access and/or individual computer problems WILL NOT be considered valid excuses, and failure to submit the assignment on time will result in a 0.
3. Students are expected to check Canvas at least once each weekday (Monday through Friday) to ensure that they do not miss any announcements or emails from the instructor.
4. Grades will be viewable in Canvas at all times. It is the student's responsibility to know the college drop date and drop by this date if necessary. A grade of "W" (withdrawal) will be recorded only if the student drops the course by the college drop date.

Make-Up Policy

1. **Assignments are due by the date and time deadline.** Failure to follow the prescribed procedures will result in a grade of zero for that assignment.
2. Some extenuating circumstances, under the professor's discretion, may be considered to change the deadline. A written letter of explanation, requesting that the absence from the assignment be

excused, and deadline extended, must be presented before the assignment or **within 24 hours afterwards.**

These are the extenuating circumstances that will be considered:

- A. The student is hospitalized and/or has been advised by a licensed medical practitioner or hospital not to complete the assignment.
- B. There is a documented death of an immediate family member
- C. The assignment due date falls on a religious holiday. Notification must be received before the deadline.

3. An ongoing physical illness that may be used to excuse a student will have to be provided with documentation **AT THE BEGINNING OF THE SEMESTER**

Attendance Policy

1. This course is being taught simultaneously in the classroom and through Zoom. Attendance for lessons only is not mandatory. Students must be present to take the exams.

Lessons will be recorded and uploaded in Modules to view or review at your convenience.

2. A student's overall success is based upon following the course schedule for learning the assigned readings and practicing the recommended exercises. Students are strongly encouraged to develop self-discipline to complete all text readings and online exercises, including the practice examinations.

Academic Integrity

Academic dishonesty includes the following:

- 1. Cheating - copying another's work for academic gain.
- 2. Plagiarism - representing another's work as your own.
- 3. Bribery - offering, giving, soliciting, or receiving goods or services of value for academic gain.
- 4. Misrepresentation - altering facts (e.g., signing an absent classmate's name to an attendance sheet).
- 5. Conspiracy - planning with others to commit academic dishonesty.
- 6. Fabrication - making up information to avoid punishment or other difficulty.

If any student participates in any form of academic dishonesty will automatically result in a 0 (F)

Class Schedule

THERE ARE NO MAKE-UP HOMEWORK, QUIZZES, OR EXAMS

<u>Week of:</u>	Review Syllabus
Jan. 10	<u>Module 1 Unit 4: Evolutionary Processes</u> Chapter 18: Evolution and the Origin of Species
Jan. 17	Chapter 19: The Evolution of Populations
Jan. 24	Chapter 20: Phylogenies and the History of Life
Jan. 31	<u>Module 2 Unit 5: Biological Diversity</u> <u>Viruses and Prokaryotes</u> Chapter 21: Viruses
Feb. 7	Chapter 22: Prokaryotes
Feb. 14	Test 1: Chapters 18-22 <u>Module 3 Biological Diversity</u> <u>Protists, Fungi and Plants</u> Chapter 23: Protists
Feb. 21	Chapter 23: Protists, cont'd
Feb. 28	Chapter 24: Fungi
March 7	Chapter 24: Fungi
March 7	Chapter 25: Seedless Plants
March 14	Spring Break
March 21	Chapter 26: Seed Plants
March 28	Test 2: Chapters 23-26
April 4	<u>Module 4 Biological Diversity</u> <u>Animals</u> Chapter 27: Introduction to Animal Diversity
April 11	Chapter 28: Invertebrates
April 18	Chapter 29: Vertebrates
April 25	<u>Module 5 Unit 7 Animal Structure and Function</u> Chapter 16 from Concepts of Biology, reading material in Modules
May 4	Test 3: Chapters 27-29, Unit 7 (selected material)

STATEMENT: Due to unforeseen happenings, it may be necessary for the course assignment schedule to be altered. The instructor will always strive to be fair about any changes.

IV. Student Learning Outcomes/Course Objectives & How Measured

Critical Reasoning: The student will reflect, analyze, synthesize, and apply critical thinking.

1. Accurately interpret evidence, statements, graphics, questions, etc. (quiz, test)
2. Draw valid conclusions. (quiz, test)
3. Justify and explain assumptions and reasons. (discussion, quiz, test)

Communication: The student will read, write, speak, and listen effectively.

1. Read materials and effectively understand essential facts and concepts. (quiz, test, class assignments)
2. Listen actively to comprehend main ideas and essential details. (quiz, test, class assignments)
3. Express clear, well-organized ideas through oral communication. (discussion)

Quantitative and Analytical Reasoning: The student will understand and apply mathematical and scientific principles and methods.

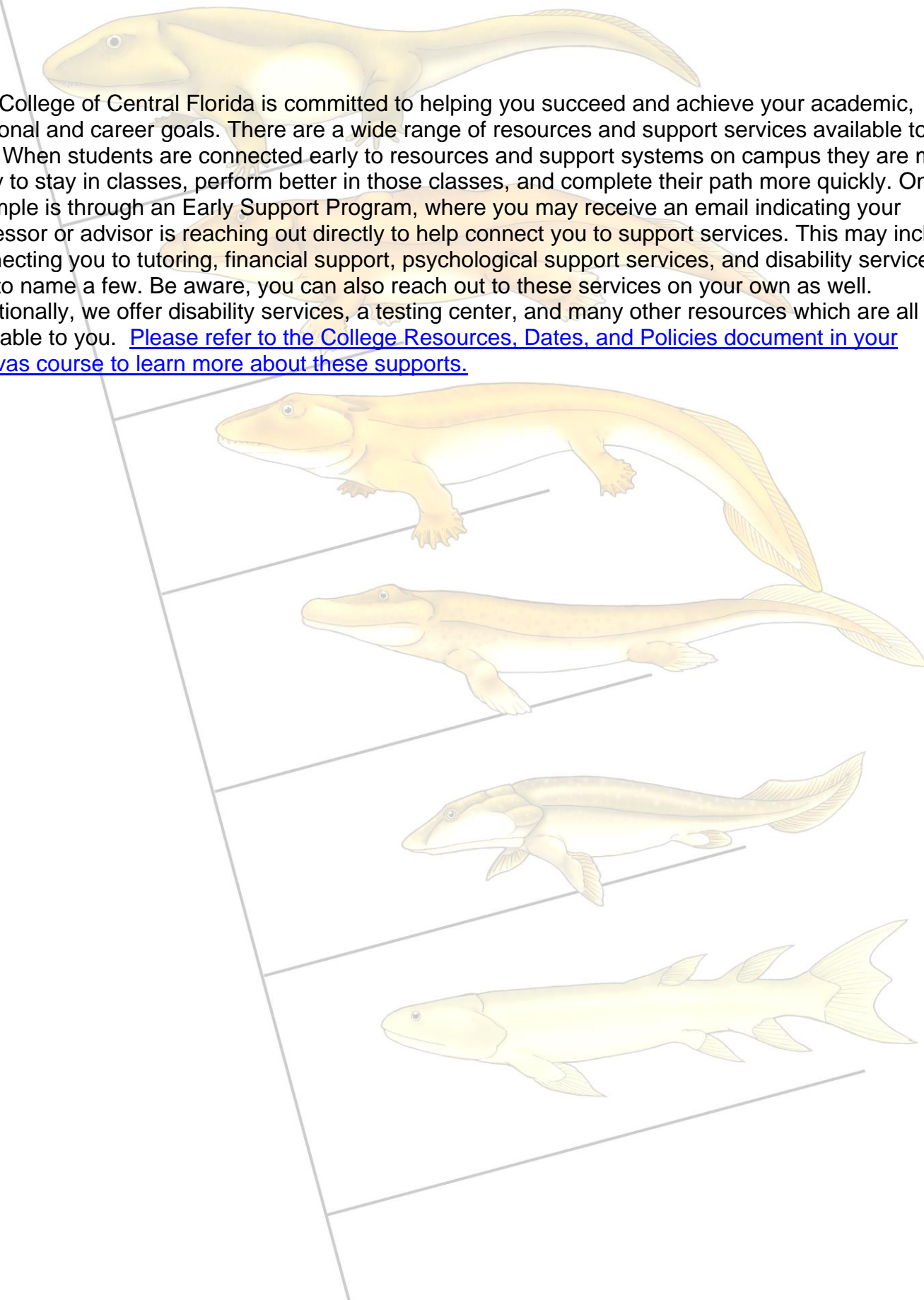
1. Interpret and communicate understanding of visual representations of data. (quiz, test)
2. Demonstrate mathematical number sense and unit sense. (quiz, test, class assignments)

Global Socio-Cultural Responsibility: The student will be an informed and responsible citizen in social, cultural, and global matters.

1. Identify scientific principles underlying human influence upon the Earth and its inhabitants. (quiz, test, class assignments)

Computer & Information Skills: The student will be able to evaluate the importance of technology and its applications.

1. Organize data or information using appropriate electronic media. (class assignment)
2. Access, research, and retrieve information using the Internet. (class assignment)



The College of Central Florida is committed to helping you succeed and achieve your academic, personal and career goals. There are a wide range of resources and support services available to you. When students are connected early to resources and support systems on campus they are more likely to stay in classes, perform better in those classes, and complete their path more quickly. One example is through an Early Support Program, where you may receive an email indicating your professor or advisor is reaching out directly to help connect you to support services. This may include connecting you to tutoring, financial support, psychological support services, and disability services just to name a few. Be aware, you can also reach out to these services on your own as well. Additionally, we offer disability services, a testing center, and many other resources which are all available to you. [Please refer to the College Resources, Dates, and Policies document in your Canvas course to learn more about these supports.](#)