# EAST GEORGIA STATE COLLEGE

# A Unit of the University System of Georgia

# 131 College Circle

# Swainsboro, Georgia 30401-2699

# FALL 2021

# August 11 – December 9, 2021

# BIOL 1103 – Introduction to Biology I

# CRN #

# Meeting Day(s), Location(s) and Times

## Instructor:

## **Office information:**

* Location
* Phone
* Email
* Office hours

## **Course Description:**

**Biology 1103** (Introductory Biology I) is a general biology lecture course focused on cell structure and function, cell division, plant and animal energy pathways, genetics, evolution, diversity, structure and function of organisms, interaction with the environment, and global issues. This course is intended for non-science majors only and will not satisfy core requirements for science majors. Note: Students cannot earn credit in Area D and/or towards their degree programs for both BIOL 1103 and BIOL 1107.

## **Prerequisites or Co-requisites**:

Pre-requisites: Biology 1103 requires an exit or exemption from Math 0989.

Co-requisites: BIOL 1103L or no Co-requisite if the student earned a C or above in BIOL 1103L.

1. Textbook:

Good news: your textbook for this class is available for free online! If you prefer, you can also get a print version at a very low cost.

Your book is available in web view and PDF for free. You can also choose to purchase on iBooks or get a print version from OpenStax on Amazon.com.

You can use whichever formats you want. Web view is recommended -- the responsive design works seamlessly on any device. If you buy on Amazon, make sure you use the link on your book page on openstax.org so you get the official OpenStax print version. (Simple printouts sold by third parties on Amazon are not verifiable and not as high-quality.)

Concepts of Biology from OpenStax, Print ISBN 1938168119, Digital ISBN 1947172034,

[www.openstax.org/details/concepts-biology](file:///C:\Users\Owner\Desktop\www.openstax.org\details\concepts-biology)

## Course Learning Outcomes

East Georgia State College assesses student learning based on the achievement of general education learning outcomes. You the student will learn fundamental principles of biology necessary to understand and appreciate the impact of science on society and your own life. Outcomes I, II, III, and IV are incorporated into this course and are listed in parentheses after each of the following course objectives:

1. Practice in using the scientific method of problem solving (IV)
2. Develop a background of the basic principles of biological science. (I,II, and III)
3. Develop basic laboratory skills. (I, II, and III)
4. Develop a basic vocabulary of biological science. (I)
5. Develop scientific writing skills. (I and II)
6. Develop critical thinking skills based on the scientific method. (III)

## Evaluation

### Exams:



### Quizzes:

## Grading

Table 1. The following points & % will be used in the evaluation of this course.

|  |  |  |  |
| --- | --- | --- | --- |
| **ASSIGNMENTS** | **How many?** | **Value Each** | **Points (%)** |
| Exams | 5 | 100 | 500 (69%) |
| Chapter Quiz | 10 (1 dropped) | 25 | 225 (17%) |
| Final exam (In person/proctored) | 1 | 100 | 100 (14%) |
| Learning Activities |  |  |  |
| Discussion topics |  |  |  |
| **TOTAL SEMESTER POINTS** |  |  |  |

Table 2. **Grade Breakdown**

|  |  |  |
| --- | --- | --- |
| A |  | 90% and above |
| B |  | 80% |
| C |  | 70% |
| D |  | 60% |
| F |  | Below 60% |

## Attendance Policy

* Attendance is required and verified every time.

## Make-up Policy

## Plagiarism & Academic Honesty

Beginning on page 6 of the East Georgia State College student handbook you will find the policies covering plagiarism and academic dishonesty. For a complete listing of these rules that will be observed in this class you may go to [EGSC student handbook](http://www.ega.edu/policy/04-student-handbook.pdf?12420) or visit [Academic Honesty policy](http://www.ega.edu/policy/04-academic-honesty-policy.pdf).

The following paragraphs have been taken from the handbook:

* **Academic Honesty** in an academic community, honesty and integrity must prevail if the work done and the honors awarded are to receive respect. The erosion of honesty is the academic community’s ultimate loss. The responsibility for the practice and preservation of honesty must be equally assumed by all its members. Academic honesty requires the presentation for evaluation and credits one’s own work, not the work of others. In general, academic honesty includes: Cheating on an examination of any type: giving or receiving, offering or soliciting information on any examination. This includes:
* Copying from another student’s paper.
* Use of prepared materials, notes, or texts other than those specifically permitted by the instructor during the examination.
* Collaboration with another student during the examination.
* Buying, selling, stealing, soliciting or transmitting an examination or any other material purported to be the unreleased contents of an upcoming examination, or use of any such material.
* Substitution for another person during an examination or allowing such substitution or oneself.
* Bribery of any person to obtain examination information.
* **Plagiarism** is the failure to acknowledge indebtedness. It is always assumed that the written work offered for evaluation and credit is the student’s own unless otherwise acknowledged. Such acknowledgment should occur whenever one quotes another person’s actual works, whenever one appropriates another person’s ideas, opinions or theories, even if they are paraphrased, and whenever one borrows facts, statistics, or other illustrative materials unless the information is common knowledge. Plagiarism is prohibited. Themes, essays, term papers, test and other similar requirements must be the work of the student submitting it. When direct quotations are used, they must be indicated and when the ideas of another are incorporated in the paper they must be appropriately acknowledged.

## **ADA Statement**.

You can find more information at [EGSC Counseling and Disability services](http://www.ega.edu/offices/student_affairs/counseling_and_disability_services).Americans with Disabilities Act In compliance with the Americans with Disabilities Act (ADA), East Georgia State College will honor requests for reasonable accommodations made by individuals with disabilities. Students must self-disclose their disability to the College and the Counselor/Disability Service Provider before academic accommodations can be implemented. If there is any student in this class who has special needs because of a learning disability or other kinds of disabilities, he or she should discuss this problem with the instructor and our student services coordinator. More information about services for students with disabilities can be obtained from Student Services, phone 478-289-2039

**Please note**: I cannot, by law, give you accommodations UNLESS you work through Disability Services. If you want any kind of special consideration, please contact the Disability Services office as soon as possible.

## **Course Withdrawal Policy Statement**.

Students are responsible for their own academic progress. Decisions regarding withdrawal from courses should only be made after consultation with an academic advisor. Before withdrawing from a course student must meet with a Financial Aid representative to discuss their personal financial aid situation. More information regarding withdrawal from courses can be found in the [EGSC catalog](http://www.ega.edu/offices/student_affairs/registrars_office/catalogs).

## **Campus Emergency Policy**:

1. In the event the fire alarm is sounded, everyone must evacuate the building at once and in a calm and orderly fashion, using the nearest exit. In the event of a severe weather warning everyone must proceed immediately to the nearest designated shelter area which are marked by a small tornado symbol. All severe weather shelter locations are posted on the EGSC website. Each student should, on the first day of class, determine the location of the nearest exit and the nearest designated shelter area for each of his or her classrooms. If you have difficulties locating either ask your instructor to assist you.
2. The Connect-ED, system is a communication service that enables East Georgia State College administrators and security personnel to quickly contact all East Georgia State College students, faculty, and staff with personalized voice and text messages that contain emergency-related campus information (e.g., campus closing, campus threat, health scare, etc.,) With Connect-ED, East Georgia State College students can be reached and provided with vital instructions anywhere, anytime, through their cell phones, home phones, e-mail, TTY/TDD receiving devices or other text-receiving devices. To get instructions on registering for this emergency system visit [this link](http://www.ega.edu/student_life/connected).
3. EGSC Statesboro students should make themselves familiar with Georgia Southern University’s Emergency Response Plan. In the event of an emergency, EGSC Statesboro students should follow the instructions of EGCS faculty and staff members and GSU campus officials.
4. EGSC Augusta students should make themselves familiar with Augusta University’s Emergency Response Plan. In the event of an emergency, EGSC Augusta students should follow the instructions of EGSC faculty and staff members and AU campus officials.

## **CAMPUS CARRY LEGISLATION (HB 280).**

Please review specific information on the [EGSC Campus carry](http://www.ega.edu/campuscarry) to determine the impact this new legislation may have on you, the student. Violation of the Campus Carry law is also a violation of the EGSC Student Code of Conduct.

## **Additional Course Requirements:**

## Daily Course Schedule - Biology 1103

| **Week of** | **Tuesday** | **Thursday** | **READ before and after class** | **Assignments** |
| --- | --- | --- | --- | --- |
| Week 1  August 11 |  | Introduction |  |  |
| Week 2  August 16 | Chapter 1  Introduction to Biology | Chapter 1  Introduction to Biology | Read [chapter 1](https://openstax.org/books/concepts-biology/pages/1-introduction) | Chapter 1 Quiz  Chapter 1 assignment |
| Week 3  August 23 | Chapter 2  Chemistry of Life | Chapter 2  Chemistry of Life | Read [chapter 2](https://openstax.org/books/concepts-biology/pages/2-introduction) |  |
| Week 4  August 30 | Chapter 2  Chemistry of Life | **Test 1 – in class**  **Chapter 1,2** | Read [chapter 2](https://openstax.org/books/concepts-biology/pages/2-introduction) | Chapter 2 Quiz  Chapter 2 assignment |
| Week 5  September 6 | Chapter 3  Cell structure & Function | Chapter 3  Cell structure & Function | Read [chapter 3](https://openstax.org/books/concepts-biology/pages/3-introduction) | Chapter 3 Quiz  Chapter 3 Discussion |
| Week 6  September 13 | Chapter 4  Energy & cells | Chapter 4  Energy & cells | Read [chapter 4](https://openstax.org/books/concepts-biology/pages/4-introduction) |  |
| Week 7  September 20 | Chapter 4  Energy & cells | **Test 2 – in class**  **Chapter 3, 4** | Read [chapter 4](https://openstax.org/books/concepts-biology/pages/4-introduction) | Chapter 4 Quiz  Chapter 4 assignment |
| Week 8  September 27 | Chapter 5  Photosynthesis | Chapter 5  Photosynthesis | Read [chapter 5](https://openstax.org/books/concepts-biology/pages/5-introduction) | Chapter 5 Quiz  Chapter 5 discussion |
| Week 9  October 4 | Chapter 6  Mitosis | Chapter 6  Mitosis | Read [chapter 6](https://openstax.org/books/concepts-biology/pages/6-introduction) | Chapter 6 Quiz |
| Week 10  October 11 | **Test 3 – in class**  **Chapter 5, 6** | **FALL PAUSE** |  |  |
| Week 11  October 18 | Chapter 7  Meiosis | Chapter 7  Meiosis | Read [chapter 7](https://openstax.org/books/concepts-biology/pages/7-introduction) | Chapter 7 Quiz  Chapter 7 assignment |
| Week 12  October 25 | Chapter 8  Inheritance | Chapter 8  Inheritance | Read [chapter 8](https://openstax.org/books/concepts-biology/pages/8-introduction) | Chapter 8 Quiz |
| Week 13  November 1 | **Test 4 – in class**  **Chapter 7, 8** | Chapter 9  Molecular Biology | Read [chapter 9](https://openstax.org/books/concepts-biology/pages/9-introduction) |  |
| Week 14  November 8 | Chapter 9  Molecular Biology | Chapter 10  Biotechnology | Read [chapter 9](https://openstax.org/books/concepts-biology/pages/9-introduction) | Chapter 9 Quiz  Chapter 9 assignment |
| Week 15  November 15 | Chapter 10  Biotechnology | **Test 5 – in class**  **Chapters 9, 10** | Read [chapter 10](https://openstax.org/books/concepts-biology/pages/10-introduction) | Chapter 10 Quiz |
| Week 16  November 22 | Final exam review | **NO CLASS - HOLIDAY** |  |  |
| December 3-9 | **Final Exam – in class** | **Date TBA** |  |  |