



# Hunter College

## Principles of Biology I

### Summer 2021 Lecture Syllabus

#### Course Information

##### **Principles of Biology I**

**Course mode of instruction: FO** – Fully online. 100% of scheduled class meetings are replaced with online activities or virtual meetings. All of the class work, including exams is online. Course materials will be found on the CUNY Learning Management System (LMS) which is Blackboard.

#### Tips for taking a fully online course

- Activate and use your Hunter email address to communicate with your professors and classmates.
- Download and print a copy of the course schedule/syllabus and note all important due dates in a calendar that you use frequently.
- Check your Blackboard course site daily.
- Keep track of due dates to better manage your time and priorities with what work needs to be done first.
- Set a study plan including time and place to do course work for the whole semester.
- Always read instructions carefully and follow them.
- Practice using any technology tools required for the class before assignments are due.
- Find a study partner or form a study group.
- Expect to spend 9 hours - 12 hours per a week on a fully online course.
- Don't get behind on turning in assignments and doing homework.

## Contact Information

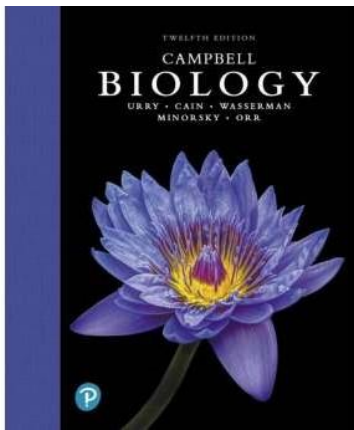
**Course Lecturer:** S. Sheppard-Lahiji, PhD

**Course Lecturer Email:** [Sheppard@genectr.hunter.cuny.edu](mailto:Sheppard@genectr.hunter.cuny.edu)

Additional contact information for recitation and lab instructors will be located on blackboard

## Course Materials

### Texts and course materials:



- Required - Campbell Biology textbook
- Suggested *version*: 12<sup>th</sup> edition
- (Older editions of the textbook are acceptable)
- Labster (no purchase is required to utilize this material)
- Primary Instructional technologies: Blackboard, VoiceThread

### Course Description

#### Prerequisites

- MATH 125 and CHEM 102 or equivalent
- Consistent access to an electronic device with a stable internet connection

### Online Course Organization

- **Lecture content is asynchronous.** Asynchronous means that the lectures will not be held live during lecture time. The lectures will be provided as VoiceThread videos that will be accessible at the start of each lecture week. Please review the course content on blackboard regarding how to engage VoiceThread material (found in course navigation).
- **All course assessments are synchronous.** Official lecture time is Thursdays from 5:45-7:29 PM EST. Assessments will take place within this window of time.
- **Recitations are synchronous.** You can attend as many recitations as you want
- **Labs are synchronous. Lab assessments take place during lecture day/times**

## Learning Outcomes

1. Employ the scientific method to identify problems or questions, develop hypotheses, design experiments to test hypotheses, and reach conclusions.
2. Understand the interrelationships, hierarchies and cooperation among various physiological systems.
3. Apply knowledge of molecular biology, DNA and protein metabolism to the understanding of broad classes of pathologies
4. Read relevant biological literature and write short responses about the experimental work, conclusions and significance of the readings.
5. Become critically engaged with the material and be active participants in the classroom/community

## Course Calendar & Content

A checklist of Campbell chapter content will be available on blackboard. Some weeks have additional readings and articles that will be provided via blackboard. Additional details regarding graded materials and rubrics will be available on blackboard.

## Online Course Schedule

*Course content will be released each Thursday*

| Week dates             | Textbook Readings & VoiceThreads | Assignments & Learning Activities  | Due Dates  |
|------------------------|----------------------------------|--|--|
| Week 1<br>05/27-6/02   | <b>Chapters 2 &amp; 3</b>        |  |  |
| Week 2<br>06/03-06/09  | <b>Chapters 4 &amp; 5</b>        | <ul style="list-style-type: none"> <li>Quiz 1 (Week 1 Content)</li> <li>Journal Entry 1</li> </ul> | <ul style="list-style-type: none"> <li><b>Quiz 1 06/03 6:00 – 6:20 PM EST</b></li> <li><b>Journal Entry 1 due by 06/09 11:59 PM EST</b></li> </ul> |
| Week 3<br>06/10-06/16  | <b>Chapters 6 &amp; 7</b>        | <ul style="list-style-type: none"> <li>Quiz 2 (Week 2 Content)</li> </ul>                          | <ul style="list-style-type: none"> <li><b>Quiz 2 06/10 6:00 – 6:20 PM EST</b></li> </ul>   |
| Week 4<br>06/17-06/23  | <b>Chapters 8 &amp; 9</b>        | <ul style="list-style-type: none"> <li>Quiz 3 (Week 3 Content)</li> </ul>                          | <ul style="list-style-type: none"> <li><b>Quiz 3 06/17 6:00 – 6:20 PM EST</b></li> </ul>   |
| Week 5<br>06/24-06/30  | <b>Case Study Provided</b>       | <b>No Lecture Assessments<br/>Monday Schedule in Effect</b>  |  |
| Week 6<br>07/01-07/07  |                                  | <ul style="list-style-type: none"> <li><b>EXAM 1 (Weeks 1-4)</b></li> </ul>                        | <ul style="list-style-type: none"> <li><b>07/01 6:00 – 7:15 PM EST</b></li> </ul>  |
| Week 7<br>07/08-07/14  | <b>Chapters 12 &amp; 13</b>      | <ul style="list-style-type: none"> <li>Quiz 4 (Case Study)</li> </ul>                              | <ul style="list-style-type: none"> <li><b>Quiz 4 07/08 6:00 – 6:20 PM EST</b></li> </ul>   |
| Week 8<br>07/15-07/21  | <b>Chapters 14 &amp; 15</b>      | <ul style="list-style-type: none"> <li>Quiz 5 (Week 7 Content)</li> <li>Journal Entry 2</li> </ul> | <ul style="list-style-type: none"> <li><b>Quiz 5 07/15 6:00 – 6:20 PM EST</b></li> <li><b>Journal Entry 2 due by 07/21 11:59 PM EST</b></li> </ul> |
| Week 9<br>07/22-07/28  | <b>Chapters 16 &amp; 17</b>      | <ul style="list-style-type: none"> <li>Quiz 6 (Week 8 Content)</li> </ul>                          | <ul style="list-style-type: none"> <li><b>Quiz 6 07/22 6:00 – 6:20 PM EST</b></li> </ul>   |
| Week 10<br>07/29-08/04 |                                  | <ul style="list-style-type: none"> <li>Quiz 7 (Week 9 Content)</li> </ul>                          | <ul style="list-style-type: none"> <li><b>Quiz 7 07/29 6:00 – 6:20 PM EST</b></li> </ul>   |
| Week 11<br>08/05-08/11 |                                  | <ul style="list-style-type: none"> <li><b>EXAM 2 (Weeks 7-9)</b></li> </ul>                        | <ul style="list-style-type: none"> <li><b>08/05 5:45-7:29 PM EST</b></li> </ul>  |
| 8/12                   |                                  | <ul style="list-style-type: none"> <li><b>LAB EXAM</b></li> </ul>                                  | <ul style="list-style-type: none"> <li><b>08/12 6:00-7:00 PM EST</b></li> </ul>  |

Lecture content will be provided for asynchronous learning and is released at the start of each week. Lecture exams 1 & 2 are run synchronously within the official time frame of the lecture.

## Grading Method & Scale

|                            |   |  |
|----------------------------|---|--|
| <b>Exam 1</b>              | = | <b>15%</b> (150 points 30 questions 75 minute exam)                    |
| <b>Exam 2</b>              | = | <b>20%</b> (200 points 40 questions 104 minutes)                       |
| <b>Weekly Quizzes</b>      | = | <b>35%</b> (each assignment is 5%, 50 points, 10 questions 20 minutes) |
| <b>Lab Exam</b>            | = | <b>10%</b> (100 points 25 questions 60 minute exam)                    |
| <b>Labster Simulations</b> | = | <b>5%</b> (complete the week the lab is taken)                         |
| <b>Lab Attendance</b>      | = | <b>5%</b>  |
| <b>Journal Entries</b>     | = | <b>10%</b>   |

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**100%**

Extra credit may be provided as needed. Extra credit is provided to all students and is not done on an individual case by case basis.

## Undergraduate

| Letter Grade | GPA Value | Grade Scale % |
|--------------|-----------|---------------|
| A+           | 4.0       | 97.5 – 100%   |
| A            | 4.0       | 92.5 – 97.4%  |
| A-           | 3.7       | 90.0 – 92.4%  |
| B+           | 3.3       | 87.5 – 89.9%  |
| B            | 3.0       | 82.5 – 87.4%  |
| B-           | 2.7       | 80.0 – 82.4%  |
| C+           | 2.3       | 77.5 – 79.9%  |
| C            | 2.0       | 70.0 – 77.4%  |
| D            | 1.0       | 60.0 – 69.9%  |
| F            | 0         | 0.0 – 59.9%   |

## Communication

- Time zone for all online deadlines: Eastern Standard Time (EST)
- Content communication preference: VoiceThreads

- Personal communication preference: Email (place course in subject)

## Syllabus Change Policy

Except for changes that substantially affect implementation of the grading method and scale, this syllabus is a guide for the course and is subject to change with advance notice. Any changes regarding the syllabus will be announced via blackboard.

**Hunter College Academic Integrity Policy:** Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

**ADA Policy:** In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/ or Learning) consult the **Office of AccessABILITY** located in Room E1124 to secure necessary academic accommodations. For further information and assistance please call (212- 772- 4857)/TTY (212- 650- 3230).

**Hunter College Policy on Sexual Misconduct:** In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.

a. Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444).

b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123. CUNY Policy on Sexual Misconduct