



# Gen Biology I-16744

## BIOL-1306

SS 2021 Section 0200 3 Credits 09/20/2021 to 12/12/2021 Modified 09/19/2021

### Course Meetings

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#### Course Modality

ONLINE ANYTIME or WW

#### Meeting Days

Online Anytime (Do not meet weekly via Videoconference)

#### Meeting Times

Online Anytime (Do not meet weekly via Videoconference)

#### Meeting Location

Online Anytime (Do not meet weekly via Videoconference)

#### Online Anytime (WW)

Online Anytime (We do not meet via WebEx videoconference)

100% Virtual - all instruction are powerpoints or recorded lectures

#### WW

The course modality of this class is *Online Anytime*

All material is accessible via electronic textbook (*ebook*), online homework, Powerpoint Lectures, Review PowerPoints and pre-recorded lectures. Exams are online Thursday-Friday with a testing window open for 48 hours.

### Welcome and Instructor Information

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#### Professor: Dr. Stephen Henry

Email: [stephen.henry@hccs.edu](mailto:stephen.henry@hccs.edu)

Office: SJAC Room 215 - (222.11)

Phone: 713-718-6861

Although the email listed above is my official HCC Microsoft Outlook email please use your CANVAS course email for correspondence. All office hours will be virtual via Cisco Webex.

#### What's Exciting About This Course

This course is exciting because biology is obviously related to our health and the Earth's ecosystem at large. Our understanding of the Covid-19 pandemic would not be possible without the valiant efforts of research scientists from many countries who study infectious diseases.

## My Personal Welcome

Welcome to the course! This course covers the fundamentals of an introductory biology course for Majors that should give you a strong foundation for future courses in the biological sciences.

## Preferred Method of Contact

Please contact through EMAIL with your course Canvas messaging system, not through the general HCC microsoft outlook system.

## Office Hours

Office Hours will be arranged via Cisco Webex

Office Hours will be arranged via Cisco Webex  
Virtually

This class is fully 100% online, so no office hours physically at the Central campus

## Course Overview

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### Course Description

Credits: 3. Lecture only. Discussions focus on biological chemistry, biological processes, cellular morphology, metabolism, genetics and molecular biology. This course satisfies the Life and Physical Sciences or Component Area Option of the HCC core.

### Requisites

Prerequisite: must be placed into college level reading and writing.

### Department Website

<https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/>

## Core Curriculum Objectives (CCOs)

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BIOL 1306 satisfies the Natural Science requirement in the HCCS core curriculum. The HCCS Biology Discipline Committee has specified that the course address the following core objectives:

- **Critical Thinking:** Students will demonstrate the ability to engage in inquiry and analysis, evaluation and synthesis of information, and creative thinking by completing a written assignment such as a book report, research paper, or essay.
- **Communication Skills:** Students will demonstrate effective development, interpretation and expression of ideas through written, oral, and visual communication by completing a written assignment such as a book report, research paper, or essay.
- **Quantitative and Empirical Literacy:** Students will explore the scientific research methods that are used in the study of biology. They will learn to interpret numerical data in charts, graphs, and tables that are in their textbooks and other resources. Students should be able to carry out basic mathematical operations including calculating percentages and frequencies. In addition, students will complete textbook reading assignments and answer questions on quizzes and exams that pertain to Course Student Learning Outcome #2
- **Social Responsibility:** Students will demonstrate the ability to engage effectively in class activities and discussions, complete textbook reading assignments, and answer questions on quizzes and exams that pertain to Course Student Learning Outcome #10 below.

## Student Learning Outcomes and Objectives

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Program Student Learning Outcomes (PSLOs) for the Biology Discipline can be found at <https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/>

### Course Student Learning Outcomes (CSLOs)

Upon completion of BIOL 1306, the student will be able to:

1. Describe the characteristics of life.
2. Explain the methods of inquiry used by scientists.
3. Identify the basic requirements of life and the properties of the major molecules needed for life.
4. Compare and contrast the structures, reproduction, and characteristics of viruses, prokaryotic cells, and eukaryotic cells.
5. Describe the structure of cell membranes and the movement of molecules across a membrane.
6. Identify the substrates, products, and important chemical pathways in metabolism.
7. Identify the principles of inheritance and solve classical genetic problems.
8. Identify the chemical structures, synthesis, and regulation of nucleic acids and proteins.
9. Describe the unity and diversity of life and the evidence for evolution through natural selection.
10. Develop critical thinking skills and habits of active collaborative learning.

### Learning Objectives

Learning Objectives for each CSLO can be found at Learning Objectives for BIOL 1306

## Departmental Practices and Procedures

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### Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar that will include a description of any special projects or assignments
- Arrange to meet with individual students before and after class as required.

As a student, it is your responsibility to:

- Attend class in person and/or online
- Participate actively by reviewing course material, interacting with classmates, and responding promptly in your communication with me
- Read and comprehend the textbook
- Complete the required assignments and exams
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments
- Attain a raw score of at least 50% on the departmental final exam
- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook](#).

### Student Success Information

Academic standards require a minimum of 3 study hours for every contact hour; meaning for a class that meets 3 hours per week, you need to budget and set aside a minimum of 9 hours each week to study and prep for your course success. Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content. Additional time will be required for written assignments. The assignments provided will help you use your study hours wisely.

Successful completion of this course requires a combination of the following:

1. Reading the textbook
2. Attending class in person and/or online
3. Timely completion of assignments

4. Participating in class activities
5. Successful exam performance, including the mandatory final.

There is no short cut for success in this course; it requires reading and studying the material using the course objectives as a guide.

## Instructional Materials and Resources

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### Instructional Materials

This course participates in the Houston Community College First Day Program called INCLUSIVE ACCESS. A discount has been applied to the required digital course materials. The discounted charge has been added to students' tuition and fee bills. Therefore, you have already paid for your electronic textbook and access to our online homework assignments.

Students will access course materials through a link in Canvas on the left side bar called First Day (Inclusive Access) Course Materials. Instructions for opting out of the HCC First Day Program are also posted in Canvas. Students who opt out will still be responsible for obtaining required course materials.

The [HCC Online Bookstore \(https://hccs.bncollege.com/shop/hccs-central/page/find-textbooks\)](https://hccs.bncollege.com/shop/hccs-central/page/find-textbooks) provides searchable information on textbooks for all courses. Check with your instructor before purchasing textbooks because the book might be included in your course fees.

### Other Instructional Resources

#### Courseware

This course has online homework assignments or MyLab and Mastering. You have paid for these resources with your First Day (Inclusive Access) Course Materials.

### Textbook- Campell's Biology

**Author:** Urry et al

**Publisher:** Pearson

**Edition:** 12th

**ISBN:** 9780136920335

**Availability:** Click on First Day, you have already paid for the eBook and Online Homework CourseWare

**Price:** No cost, you have paid through First Day (inclusive access)

This course has been tagged as INCLUSIVE ACCESS. You have already paid for your course materials which includes the electronic textbook (*ebook*) and access to our online homework assignments called MyLab and Mastering when you registered for the course.

Therefore, you do not have to buy a text book or access code.

To access course materials, click on the First Day (Inclusive Access) Course Material tab on the left hand side of your Canvas course.

Through the HCC bookstore, you can pay an additional fee for a loose leaf page version of the textbook, but this is optional. Most students use the electronic textbook.

I strongly suggest that you ONLY "Opt out" of Inclusive Access if you intend to drop the course before the Official Date of Record to get your money back for the textbook. If you decide to "Opt out", you will still have to pay the publisher for an access code to our online homework assignments on MyLab and Mastering, so the savings will be minimal.

## ✓ Course Requirements

### Assignments, Exams, and Activities

Type	Weight	Topic	Notes
Syllabus Quiz	1	Questions covering the syllabus	<p>The syllabus quiz does not require the Respondus Lockdown Browser/Monitor.</p> <p>You may print out the syllabus or leave it open on another tab on your computer while taking the syllabus quiz.</p> <p>The syllabus is "open book" with 3 separate attempts. Your score will be the highest of the three, if necessary.</p>
Respondus Practice Quiz	1	A practice quiz used to determine if you have Respondus software loaded correctly on your computer.	<p>You will need to download the free Respondus software to your laptop.</p> <p>You cannot take our online Respondus quizzes/exams with a Chromebook or a cell phone.</p>
Exams/Quizzes	70	4 exams- lowest one or absent exam is dropped	<p>4 exams- lowest one or absent exam is dropped.</p> <p>Exams are online, open on Thursday and close on Friday evening. The exams are open for a 48 hour online testing window.</p>
Online Homework (Pearson MyLab and Mastering)	18	Launch CourseWare in your First Day (inclusive Access) Course Material	<p>Each module contains multiple chapters. Each chapter has Pearson MyLab and Mastering activities. The assignments have unlimited time limit with 2 attempts.</p> <p>The online homework assignments are due on the MONDAY before the major exam.</p>
Final District Exam	10%	Cumulative - covers material from the start of the course.	<p>All students are required to take the District Final, even if you have an 'A' at the end of the semester. The correct and incorrect questions are analyzed in the entire HCC Biology Department to identify gaps of knowledge, so instructors can improve their teaching in future semesters.</p> <p>If you do not take the District Final, then you will receive an Incomplete or "I" for the course.</p>
Extra Credit	0	The exams are curved, and the lowest exam is dropped	This class does not have extra credit opportunities.

### Grading Formula

Grade	Range	Notes
A	89.50-100	<p>No A+. A, or A- are given</p> <p>HCC only gives A,B,C,D, and F grades no plus or minus.</p>
B	79.50-89.49	
C	69.50-79.49	
D	59.50-69.49	
F	grade below or equal to 59.49	

## \* Instructor's Practices and Procedures

## Incomplete Policy

In order to receive a grade of Incomplete ("I"), a student must have completed at least 85% of the work in the course. In all cases, the instructor reserves the right to decline a student's request to receive a grade of Incomplete.

You must take the District Final Exam or you will receive an Incomplete

## Missed Assignments/Make-Up Policy

**"No makeups"** for exams. Since your lowest exam or absent exam is dropped, there are no makeup exams.

Severe emergencies requiring prolonged absences which span the time of two consecutive exams must be documented, and I will investigate.

It is unfair if certain students "at the last minute" get sick and request a makeup. We do not have makeup exams that are different than the original exam.

Extensions of homework assignment after the deadline incur a 10% penalty per day.

## Academic Integrity

Our online exams in the Biology Department are proctored with the Respondus Lockdown browser and monitor system.

Our online homework assignments are not proctored with Respondus.

During the Respondus Practice quiz please show your ID and do your 360 environmental sweep with your camera to become familiar with the policies. I will watch your practice quizzes to ensure that you are abiding by the policies.

I watch the Respondus video footage of students taking exams.

The biggest issue is the lack of the 360 environmental sweep prior to taking the online exam.

You must show your complete head and your upper arms in the field of view.

You must keep your eyes on the screen in front of you. You may not look downward or to the side every 5 seconds.

You may not wear headphones or listening devices during the exam.

You may not talk during the online exam.

You may not have other people in the room talking during the exam.

The distribution of screen shots of exams or homework material is also forbidden and subject to academic dishonesty reporting.

The questions of the exams appear one by one, and you can not return to previously answered questions. The answers to exam questions are not automatically displayed at the end of the exam. This is a security measure.

Online exams taken in your home are not the same as instructor proctored paper exams held physically at the campuses. The requirements listed above for online exams are necessary to uphold the rigor of our biology classes at HCC.

**If these requirements are not met, then the instructor will complete a Maxient report for academic dishonesty which may result in a zero for the exam and possibly expulsion from the course.**

Here's the link to the HCC information about academic integrity (Scholastic Dishonesty and Violation of Academic Scholastic Dishonesty and Grievance):

<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/>  
(<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/>)

## Attendance Procedures

This is an "Online Anytime" course, so there are no meeting dates in which attendance is taken.

However, you must complete the SYLLABUS quiz and RESPONDUS practice quiz before the official day of record of 9/29/21 to demonstrate that you are "active" in the course. If you do not complete the syllabus quiz and respondus practice quiz by 9/29/2021, then you will be automatically DROPPED from the course with a final grade of "W" on your student transcript and no credit will be awarded.

Before the official withdrawal date, it is the student's responsibility to initiate and complete a request for withdrawal from any course. Students will be required to formally request a withdrawal prior to the administrative withdrawal date deadline of 11/08/2021. Abandoning the course or failing to formally drop or withdraw will result in a grade being given based on the work completed for the entire course (including missed exams).

## Student Conduct

Please realize that you registered for an ONLINE ANYTIME class, not an ONLINE on a SCHEDULE class or a FACE-to-FACE class. Faculty teach other classes during the day and cannot return student emails immediately especially during the first week of class or during Finals week when faculty grading responsibility is heavy.

Thank you for being polite!

## Instructor's Course-Specific Information

Exams on THURSDAY-FRIDAY (open for 48 hours).

Online homework are due MONDAYS before major exams.

All online exams are proctored with the Respondus Lockdown browser and monitor.

No make-up Exams.

Class curve will be added 48 hours after exams are averaged.

Emails during the weekend will be addressed on Mondays.

## Devices

To take our proctored online exams, you need to download the free Respondus software and have a forward facing camera embedded in your laptop or desktop computer.

You cannot use Chromebooks or Cellular phones to take our online exams.

HCC campuses and libraries may have student computers with Respondus lockdown browser AND front facing cameras to take our online exams during HCC business hours. However, not all HCC computer labs and libraries have those options. Alternately, you may be able to "check out" laptops from the library that have preloaded Respondus software with an integrated webcam and NOT Chromebooks. **If you do not own a laptop, then it is your responsibility to find a suitable laptop that contains the Respondus lockdown browser and webcam capabilities to take our Online exams. This is not a face-to-face class.**

1. What is Respondus Lockdown monitor and browser?

The link is below.

<https://web.respondus.com/lockdownbrowser-student-video/> (<https://web.respondus.com/lockdownbrowser-student-video/>)

First, you must download the Respondus Lockdown browser to your desktop, if you do not already have it, to your electronic device.

The link is below.

[Download Respondus LockDown Brower \(http://www.respondus.com/lockdown/download.php?id=355612798\)](http://www.respondus.com/lockdown/download.php?id=355612798)

Some tablets also allow downloading the respondus software such as iPADS. Please look in the Apple store for the Respondus lockdown APP

## Faculty Statement about Student Success

Many students aspire to entering professional health care programs after leaving HCC, so the improvement of study skills is strongly encouraged.

Learning science vocabulary can be very challenging- akin to learning a new foreign language. Therefore, using flash cards and other drawing strategies to improve memory retention is advisable.

Although faculty provide recordings of online lectures, many students do not watch/listen to these recordings prior to a test. Some students wait until the day before the exam to start studying or look at the course material intensively.

**Procrastination is the biggest downfall of students.**

## Social Justice Statement

Houston Community College is committed to furthering the cause of social justice in our community and beyond. HCC does not discriminate on the basis of race, color, religion, sex, gender identity and expression, national origin, age, disability, sexual orientation, or veteran status. I fully support that commitment and, as such, will work to maintain a positive learning environment based upon open communication, mutual respect, and non-discrimination. In this course, we share in the creation and maintenance of a positive and safe learning environment. Part of this process includes acknowledging and embracing the differences among us in order to establish and reinforce that each one of us matters. I appreciate your suggestions about how to best maintain this environment of respect. If you experience any type of discrimination, please contact me and/or the Office of Institutional Equity at 713-718-8271.

## HCC Policies and Information

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### HCC Grading System

HCC uses the following standard grading system:

Grade	Grade Interpretation	Grade Points
A	Excellent (90-100)	4
B	Good (80-89)	3
C	Fair (70-79)	2
D	Passing (60-69), except in developmental courses.	1
F	Failing (59 and below)	0
FX	Failing due to non-attendance	0



Grade	Grade Interpretation	Grade Points
W	Withdrawn	0
I	Incomplete	0
AUD	Audit	0
IP	In Progress. Given only in certain developmental courses. A student must re-enroll to receive credit.	0
COM	Completed. Given in non-credit and continuing education courses.	0

## Link to Policies in Student Handbook

Here's the link to the HCC Student Handbook <https://www.hccs.edu/resources-for/current-students/student-handbook/> (<https://www.hccs.edu/resources-for/current-students/student-handbook/>) In it you will find information about the following:

- Academic Information
- Academic Support
- Attendance, Repeating Courses, and Withdrawal
- Career Planning and Job Search
- Childcare
- disAbility Support Services
- Electronic Devices
- Equal Educational Opportunity
- Financial Aid TV (FATV)
- General Student Complaints
- Grade of FX
- Incomplete Grades
- International Student Services
- Health Awareness
- Libraries/Bookstore
- Police Services & Campus Safety
- Student Life at HCC
- Student Rights and Responsibilities
- Student Services
- Testing
- Transfer Planning
- Veteran Services

## Link to HCC Academic Integrity Statement

<https://www.hccs.edu/resources-for/faculty/student-conduct-resources-for-faculty/> (<https://www.hccs.edu/resources-for/faculty/student-conduct-resources-for-faculty/>)

## Campus Carry Link

Here's the link to the HCC information about Campus Carry:

<https://www.hccs.edu/departments/police/campus-carry/> (<https://www.hccs.edu/departments/police/campus-carry/>)

## HCC Email Policy

When communicating via email, HCC requires students to communicate only through the HCC email system to protect your privacy. If you have not activated your HCC student email account, you can go to [HCC Eagle ID \(https://www.hccs.edu/resources-for/current-students/student-e-maileagle-id/\)](https://www.hccs.edu/resources-for/current-students/student-e-maileagle-id/) and activate it now. You may also use Canvas Inbox to communicate.

## Office of Institutional Equity

Use the link below to access the HCC Office of Institutional Equity, Inclusion, and Engagement (<https://www.hccs.edu/departments/institutional-equity/> (<https://www.hccs.edu/departments/institutional-equity/>))

### Ability Services

HCC strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including long and short term conditions, mental health, chronic or temporary medical conditions), please meet with a campus Abilities Counselor as soon as possible in order to establish reasonable accommodations. Reasonable accommodations are established through an interactive process between you, your instructor(s) and Ability Services. It is the policy and practice of HCC to create inclusive and accessible learning environments consistent with federal and state law. For more information, please go to <https://www.hccs.edu/support-services/ability-services/> (<https://www.hccs.edu/support-services/ability-services/>)

### Title IX

Houston Community College is committed to cultivating an environment free from inappropriate conduct of a sexual or gender-based nature including sex discrimination, sexual assault, sexual harassment, and sexual violence. Sex discrimination includes all forms of sexual and gender-based misconduct and violates an individual's fundamental rights and personal dignity. Title IX prohibits discrimination on the basis of sex-including pregnancy and parental status in educational programs and activities. If you require an accommodation due to pregnancy please contact an Abilities Services Counselor. The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

David Cross  
Director EEO/Compliance  
Office of Institutional Equity & Diversity  
3100 Main  
(713) 718-8271  
Houston, TX 77266-7517 or [Institutional.Equity@hccs.edu](mailto:Institutional.Equity@hccs.edu) (<mailto:Institutional.Equity@hccs.edu>)

<http://www.hccs.edu/departments/institutional-equity/title-ix-know-your-rights/> (<http://www.hccs.edu/departments/institutional-equity/title-ix-know-your-rights/>)

### Office of the Dean of Students

Contact the office of the Dean of Students to seek assistance in determining the correct complaint procedure to follow or to identify the appropriate academic dean or supervisor for informal resolution of complaints.

<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/> (<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/>)

## Student Success

Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content. Additional time will be required for written assignments. The assignments provided will help you use your study hours wisely. Successful completion of this course requires a combination of the following:

- Reading the textbook
- Attending class in person and/or online
- Completing assignments
- Participating in class activities

There is no short cut for success in this course; it requires reading (and probably re-reading) and studying the material using the course objectives as a guide.

## Canvas Learning Management System

Canvas is HCC's Learning Management System (LMS), and can be accessed at the following URL:

<https://eagleonline.hccs.edu> (<https://eagleonline.hccs.edu>)

HCCS Open Lab locations may be used to access the Internet and Canvas. For best performance, Canvas should be used on the current or first previous major release of Chrome, Firefox, Edge, or Safari. Because it's built using web standards, Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser.

Canvas only requires an operating system that can run the latest compatible web browsers. Your computer operating system should be kept up to date with the latest recommended security updates and upgrades.

## HCC Online Information and Policies

Here is the link to information about HCC Online classes, which includes access to the required Online Information Class Preview for all fully online classes: <https://www.hccs.edu/online/> (<https://www.hccs.edu/online/>)

## Scoring Rubrics, Sample Assignments, etc.

Look in Canvas for the scoring rubrics for assignments, samples of class assignments, and other information to assist you in the course. <https://eagleonline.hccs.edu/login/ldap> (<https://eagleonline.hccs.edu/login/ldap>)

## Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar that will include a description of any special projects or assignments
- Arrange to meet with individual students during office hours, and before and after class as required

As a student, it is your responsibility to:

- Attend class in person and/or online
- Participate actively by reviewing course material, interacting with classmates, and responding promptly in your communication with me
- Read and comprehend the textbook
- Complete the required assignments and exams
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments
- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook](https://www.hccs.edu/resources-for/current-students/student-handbook/) (<https://www.hccs.edu/resources-for/current-students/student-handbook/>)

## EGLS3

The EGLS<sup>3</sup> ([Evaluation for Greater Learning Student Survey System](https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/) (<https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/>)) will be available for most courses near the end of the term until finals start. This brief survey will give invaluable information to your faculty about their teaching. Results are anonymous and will be available to faculty and division chairs after the end of the term. EGLS<sup>3</sup> surveys are only available for the Fall and Spring semesters. -EGLS3 surveys are not offered during the Summer semester due to logistical constraints.

<https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/> (<https://www.hccs.edu/resources-for/current-students/egls3-evaluate-your-professors/>)

# Housing and Food Assistance for Students

Any student who faces challenges securing their foods or housing and believes this may affect their performance in the course is urged to contact the Dean of Students at their college for support. Furthermore, please notify the professor if you are comfortable in doing so.

This will enable HCC to provide any resources that HCC may possess.

## Student Resources

### Tutoring

HCC provides free, confidential, and convenient academic support, including writing critiques, to HCC students in an online environment and on campus. Tutoring is provided by HCC personnel in order to ensure that it is contextual and appropriate. Visit the [HCC Tutoring Services \(https://www.hccs.edu/resources-for/current-students/tutoring/\)](https://www.hccs.edu/resources-for/current-students/tutoring/) website for services provided.

### Libraries

The HCC Library System consists of 9 libraries and 6 Electronic Resource Centers (ERCs) that are inviting places to study and collaborate on projects. Librarians are available both at the libraries and online to show you how to locate and use the resources you need. The libraries maintain a large selection of electronic resources as well as collections of books, magazines, newspapers, and audiovisual materials. The portal to all libraries' resources and services is the HCCS library web page at <https://library.hccs.edu> (<https://library.hccs.edu>).

### Supplementary Instruction

Supplemental Instruction is an academic enrichment and support program that uses peer-assisted study sessions to improve student retention and success in historically difficult courses. Peer Support is provided by students who have already succeeded in completion of the specified course, and who earned a grade of A or B. Find details at <https://www.hccs.edu/resources-for/current-students/supplemental-instruction/> (<https://www.hccs.edu/resources-for/current-students/supplemental-instruction/>).

### Resources for Students:

<https://www.hccs.edu/resources-for/current-students/communicable-diseases/resources-for-students/>  
(<https://www.hccs.edu/resources-for/current-students/communicable-diseases/resources-for-students/>)

### Basic Needs Resources:

<https://www.hccs.edu/support-services/counseling/hcc-cares/basic-needs-resources/> (<https://www.hccs.edu/support-services/counseling/hcc-cares/basic-needs-resources/>)

### Student Basic Needs Application:

[https://hccs.co1.qualtrics.com/jfe/form/SV\\_25WyNx7NwMRz1FH](https://hccs.co1.qualtrics.com/jfe/form/SV_25WyNx7NwMRz1FH)  
([https://hccs.co1.qualtrics.com/jfe/form/SV\\_25WyNx7NwMRz1FH](https://hccs.co1.qualtrics.com/jfe/form/SV_25WyNx7NwMRz1FH))

## COVID-19

Here's the link to the HCC information about COVID-19:

<https://www.hccs.edu/resources-for/current-students/communicable-diseases/> (<https://www.hccs.edu/resources-for/current-students/communicable-diseases/>)

## Sensitive or Mature Course Content

In this college-level course, we may occasionally discuss sensitive or mature content. All members of the classroom environment, from your instructor to your fellow students, are expected to handle potentially controversial subjects with respect and consideration for one another's varied experiences and values.

## Instructional Modalities

### In-Person (P)

Safe, face-to-face course with scheduled dates and times

## Online on a Schedule (WS)

Fully online course with virtual meetings at scheduled dates and times

## Online Anytime (WW)

Traditional online course without scheduled meetings

## Hybrid (H)

Course that meets safely 50% face-to-face and 50% virtually

## Hybrid Lab (HL)

Lab class that meets safely 50% face-to-face and 50% virtually

## Course Calendar

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	Homework due Monday night	Online Exams have 48 hours testing window Thursday-Friday
Module 1 Chapters 1-6	October 4	October 7-8
Module 2 Chapters 9-12	October 25	October 28-29
Module 3 Chapters 13-15	November 8	November 11-12
Module 4 Chapters 16-20	November 29	December 2-3
Final Exam		December 9-10

### **IMPORTANT DATES**

Census Date or Official day of Record is **9/29/2021**

Withdrawal Date is **11/08/2021**

## Syllabus Modifications

The instructor reserves the right to modify the syllabus at any time during the semester and will promptly notify students in writing, typically by e-mail, of any such changes.

## Additional Information

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### Biology Departmental/Program Information

Visit the [Biology Program Page \(https://learning.hccs.edu/programs/biology\)](https://learning.hccs.edu/programs/biology) on the HCC Learning Web for information about our faculty and courses. You will also find information about majoring in Biology.

The [Field of Study \(FOS\) Curriculum for Biology \(https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/\)](https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/biology/) here at HCC covers the smallest and simplest organisms (microbiology) to the largest and most complex organisms (human anatomy and physiology, zoology, botany).

The [Associate of Science in Biology - Biology Majors & Premedical Programs \(https://www.hccs.edu/finder/programs/associate-of-science-in-biology--biology-majors--premedical-programs--field-of-study-curriculum/\)](https://www.hccs.edu/finder/programs/associate-of-science-in-biology--biology-majors--premedical-programs--field-of-study-curriculum/) FOS is intended primarily for students planning on transferring to a senior college or university to receive a baccalaureate degree in the following areas: computer science, engineering, health and natural sciences, or mathematics.

The [Associate of Science in Biology - Health Sciences Professions \(https://www.hccs.edu/finder/programs/associate-of-science-in-biology--health-sciences-professions--field-of-study-curriculum/\)](https://www.hccs.edu/finder/programs/associate-of-science-in-biology--health-sciences-professions--field-of-study-curriculum/) FOS is intended primarily for students planning on transferring to a senior college or university to receive a baccalaureate degree in the following areas: computer science, engineering, health and natural sciences, or mathematics. (Pre-Nursing, Pre-Radiologic Sciences, Pre-Clinical Laboratory Services)

Visit the [STEM Resources Page at HCC \(https://www.hccs.edu/resources-for/current-students/stem--science-technology-engineering--mathematics/\)](https://www.hccs.edu/resources-for/current-students/stem--science-technology-engineering--mathematics/): HCC has developed this site to provide information on STEM related programs and resources at HCC and other institution – to include scholarship information.

### Process for Expressing Concerns about the Course

If you have concerns about any aspect of this course, please reach out to your instructor for assistance first. You can always request a meeting (virtual/ in person) to go over your concerns. If your instructor is not able to assist you, then you may wish to contact the Biology Department using this form.

[Biology Department Reporting Form \(https://forms.office.com/r/8BwrMbqCYB\)](https://forms.office.com/r/8BwrMbqCYB)

Email: [hcc.biology@hccs.edu](mailto:hcc.biology@hccs.edu)

If your instructor is not able to assist you, then you may also wish to contact the Department Chair:

Dr. Shadi Kilani

[shadi.kilani@hccs.edu](mailto:shadi.kilani@hccs.edu); 713.718.7035