



Gen Biology I-12043

BIOL-1306

RT 2022 Section 0010 3 Credits 01/18/2022 to 05/15/2022 Modified 01/23/2022

Course Meetings

Course Modality

IN PERSON or IP

Meeting Days

Monday and Wednesdays

Meeting Times

12:30-1:50 am Central Standard Time

Meeting Location

West Loop campus Room 176

IN PERSON (IP)

Weekly During 16 week semester

Monday, Wednesday, 12:30 PM to 1:50 PM, West Loop campus Room 176

IP

The course modality of this class is *IN PERSON or face-to-face*.

Faculty will hold class as per the assigned schedule, and students will attend face-to-face at the campus

Attendance will be taken each class period.

In person paper exams at West Loop OR computer exams proctored at the West Loop campus computer lab will be taken during the class period between 12:30-1:50 PM

In Person (IP)

12:30-1:50 Monday and Wednesday

Physically at West Loop in Room 176

Welcome and Instructor Information

Professor: Dr. Stephen Henry

Email: 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

Course Overview

Course Description

Credits: 3. Lecture only.

Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included.

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)

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:

- (A) **Critical Thinking Skills:** to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information;
- (B) **Communication Skills:** to include effective development, interpretation and expression of ideas through written, oral and visual communication;
- (C) **Empirical and Quantitative Skills:** to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions;

(D) **Teamwork:** to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal;

Student Learning Outcomes and Objectives

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.

Departmental Practices and Procedures

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 as per the assigned course modality.
- 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 the syllabus, handouts, and all assignments.
- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook](#).

Instructional Materials and Resources

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> |

| Type | Weight | Topic | Notes |
|-----------------------------------------------|--------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respondus Practice Quiz | 1 | A practice quiz used to determine if you have Respondus software loaded correctly on your computer. | You will need to download the free Respondus software to your laptop. You cannot take our online Respondus quizzes/exams with a Chromebook or a cell phone. |
| Exams/Quizzes | 70 | 4 exams- lowest one or absent exam is dropped | 4 exams- lowest one or absent exam is dropped. Exams are IN PERSON between 12:30-1:50 on WEDNESDAYS. This is not an online class and exams will be not be given online (offsite) |
| Online Homework (Pearson MyLab and Mastering) | 18 | Launch CourseWare in your First Day (inclusive Access) Course Material | Each module contains multiple chapters. Each chapter has Pearson MyLab and Mastering activities. The assignments have unlimited time limit with 2 attempts. Highest of two attempts. There is 10% per day penalty for late homework after due date. The online homework assignments are due on the MONDAY before the major exam. |
| Final District Exam | 10% | Cumulative - covers material from the start of the course. | 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. If you do not take the District Final, then you will receive an Incomplete or "I" for the course. |
| 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 | No A+. A, or A- are given HCC only gives A,B,C,D, and F grades no plus or minus. |
| 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. If you are sick with COVID and can not take your IN PERSON exam, then this is your dropped exam.

It is unfair if half the class is taking paper exams, while the other half is taking online exams. This is an IN PERSON course, not an online class.

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

This course is IN PERSON and our exams are paper.

However if the HCC administration switches us to online during the semester due to a surge in the coronavirus, then our online exams in the Biology Department will be 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.

Again, this is an IN PERSON class, but this information should be noted.

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):

Attendance Procedures

Your instructor will take attendance at the campus.

Although it is your responsibility to drop a course for non-attendance, the instructor has the authority to drop you for excessive absences or assign you the grade of FX at the end of the semester. A student will be dropped from a course after the student has accumulated absences in excess of 12.5% of the hours of instruction. You may decide not to come to class for whatever reason. As an adult making the decision not to attend, you do not have to notify the instructor prior to missing a class (except when an exam is being administered). However, if this happens too many times, you may suddenly find that you have "lost" the class.

Withdrawal from the course after the official day of record of 1/31/22 will result in a final grade of "W" on the student transcript and no credit will be awarded. 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 4/4/2022. 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

Although this is an 'in person' class, I have added the common courtesy and etiquette for online videoconference, in case, we must resort to online instruction.

You are not required to have your camera "on" during most videoconferencing webex sessions. However, occasionally, Webex breakout rooms may be used to stimulate engagement.

Please wait until the beginning or end of activities to ask questions.

Please "mute" yourself during Cisco Webex seminars unless your instructor "unmutes" everybody. Unfortunately, sometimes instructors cannot "mute all" during videoconferencing depending on log in credentials with cellular phones.

Questions regarding one's personal grades should happen through email or with scheduled Webex one-on-one sessions and should not occur during class time.

Thank you for being polite!

Instructor's Course-Specific Information

Exams on WEDNESDAYS at the West Loop.

The exams will be paper exams with scantron that I provide OR will be conducted in the West Loop computer lab. The exams will be IN PERSON, not online.

Online homework due the MONDAYS before major exams.

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.

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.

Most importantly, paying attention to online lectures on Mondays and Wednesdays, rather than being distracted, is a recipe for success. 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

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 |

| Grade | Grade Interpretation | Grade Points |
|-------|-------------------------------------------------------------------------------------------------------|--------------|
| D | Passing (60-69), except in developmental courses. | 1 |
| F | Failing (59 and below) | 0 |
| FX | Failing due to non-attendance | 0 |
| 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 Catalog and Student Handbook

Here's the link to the HCC Catalog and Student Handbook: <https://catalog.hccs.edu/> (<https://catalog.hccs.edu/>)

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/student-conduct> (<https://www.hccs.edu/student-conduct>) (scroll down to subsections)

Campus Carry Link

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

<https://www.hccs.edu/campuscarry> (<https://www.hccs.edu/campuscarry>)

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 \(https://www.hccs.edu/email\)](https://www.hccs.edu/email) and activate it now. You may also use Canvas Inbox to communicate.

Office of Institutional Equity

Use the following link to access the HCC Office of Institutional Equity, Inclusion, and Engagement: <https://www.hccs.edu/eeo> (<https://www.hccs.edu/eeo>)

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/accessibility> (<https://www.hccs.edu/accessibility>)

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>)

<https://www.hccs.edu/titleix> (<https://www.hccs.edu/titleix>)

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

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/studenthandbook) (<https://www.hccs.edu/studenthandbook>)

EGLS3

The EGLS³ ([Evaluation for Greater Learning Student Survey System](https://www.hccs.edu/egls3) (<https://www.hccs.edu/egls3>)) 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. EGLS³ 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/egls3> (<https://www.hccs.edu/egls3>)

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/tutoring) (<https://www.hccs.edu/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/supplemental-instruction> (<https://www.hccs.edu/supplemental-instruction>)

Resources for Students:

<https://www.hccs.edu/covid19students> (<https://www.hccs.edu/covid19students>)

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://www.hccs.edu/basicneeds> (<https://www.hccs.edu/basicneeds>)

COVID-19

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

<https://www.hccs.edu/covid-19> (<https://www.hccs.edu/covid-19>)

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

Copyright Statement

In order to uphold the integrity of the academic environment and protect and foster a cohesive learning environment for all, HCC prohibits unauthorized use of course materials. Materials shared in this course are based on my professional knowledge and experience and are presented in an educational context for the students in the course. Authorized use of course materials is limited to personal study or educational uses. Material should not be shared, distributed, or sold outside the course without permission. Students are also explicitly forbidden in all circumstances from plagiarizing or appropriating course materials. This includes but is not limited to publically posting quizzes, essays, or other materials. This prohibition extends not only during this course, but after. Sharing of the materials in any context will be a violation of the HCC Student Code of Conduct and may subject the student to discipline, as well as any applicable civil or criminal liability. Consequences for unauthorized sharing, plagiarizing, or other methods of academic dishonesty may range from a 0 on the specified assignment and/or up to expulsion from Houston Community College. Questions about this policy may be directed to me or to the Manager of Student Conduct and Academic Integrity.

Course Calendar

| | Homework due Monday | In person Exams on Wednesday (12:30-1:50 pm) |
|-------------------------------------------------------|-------------------------------|-------------------------------------------------|
| Module 1 Chapters 1-5 | Chapters 1-5 February 7 th | FEBRUARY 9 |
| Module 2 Chapters 6,7,9,10,11 skip chapter 8 | March 7 | MARCH 9 |
| Module 3 Chapters 12-14 | April 4 | APRIL 6 |

| | | |
|----------------------------|-------|------------------------|
| Module 4 Chapters 15-18 | May 2 | MAY 4 |
| Final Exam | | MAY 11 - MAY 12 |

IMPORTANT DATES:

Census Date or Official day of Record is 1/31/2022

Withdrawal Date is 4/4/2022

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

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 \(https://catalog.hccs.edu/preview_program.php?catoid=3&poid=905\)](https://catalog.hccs.edu/preview_program.php?catoid=3&poid=905) 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 \(https://catalog.hccs.edu/preview_program.php?catoid=3&poid=906\)](https://catalog.hccs.edu/preview_program.php?catoid=3&poid=906) 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)

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