



**Department of Natural Sciences
GEOLOGY Program**

<http://www.hccs.edu/geology>

GEOL 1345: Introduction to Oceanography | Lecture | CRN 19269

Fall 2019 | 16 Weeks (8/26/2019-12/15/2019)

In-Person | West Loop C221 | Tues & Thurs 2 – 3:20pm

3 Credit Hours | 48 hours per semester

Instructor Contact Information

Instructor: Karen Yip
Office: West Loop rm 228
HCC Email: karen.yip@hccs.edu

Office Phone: 713-718-6781
Office Hours: Tu & Th 12-1:30pm
Office Location: 2nd floor

Please feel free to contact me concerning any problems that you are experiencing in this course or impacting your experience in this course. Your comfort in my class is very important to me. Also, I appreciate the chance to express even more enthusiasm about studying the Earth when you come talk to me outside of class.

Instructor's Preferred Method of Contact

Communication with students is high on my priority list. I will respond to emails within 24 hours Monday through Friday. Sometimes I will reply nearly immediately, other times it may be closer to the 24hrs. Email responses on the weekend will be less regular.

Most of your contact with me will be via EagleOnline's "inbox" feature. This tool will automatically fill in our course information in the subject line of your message. Also, the reply email address will only be your ____@student.hccs.edu address. For the sake of your information security I won't reply to e-mails that are not from your ____@student.hccs.edu address.

If you choose to call the office phone do leave a voice mail with your return number. I am not often sitting at the desk where the phone is but I will receive the voice messages via email so I can listen to them.

The Department of Natural Science can be contacted via phone 713-718-6050 or email natural.sciences@hccs.edu

What's Exciting About This Course

What's awesome about Oceanography? What isn't awesome about oceanography?!? Earth's oceans are where rock, air, water, and biology meet and interact. Life started in the ocean. Most of Earth's oxygen is created in the ocean. The oceans play a major role in Earth's climate. The oceans are still a frontier waiting to be fully explored! We send probes and

satellites and landers out into space and onto celestial bodies, but the maps of the ocean floor are still very blurry compared to maps of Mars surface. Come learn about this branch of Earth Science and the major part of the hydrosphere.

My Personal Welcome

Welcome to Oceanography! — I'm delighted that you have chosen this course. One of my passions is to know as much as I can about Earth, its materials, the processes that change it, and the history of the planet. I can hardly wait to pass that on. Growing up at the foot of the mountains of Southern California I couldn't help but wonder about the landscape around me and the earthquakes that shook once in a while.

I will present the information in the most exciting way I know, so that you can grasp the concepts and apply them now and hopefully throughout your life. As you read and wrestle with new ideas and facts that may challenge you, I am available to support you. The fastest way to reach me is by my HCC email. The best way to really discuss issues is in person and I'm available during posted office hours to tackle any questions you might have. My goal is for you to walk out of the course with a better understanding of the vast oceans and even greater sense of wonder about our planet. So please visit me or contact me whenever you have a question.

Prerequisites and/or Co-Requisites

GEOL 1345 requires college-level reading and writing skills. The minimum requirements for enrollment in GEOL 1345 is qualifying to enroll in INRW 0300/0420 or ESOL 0370/0360. Please carefully read and consider the repeater policy in the [HCCS Student Handbook](#).

EagleOnline Learning Management System

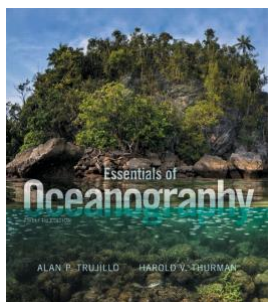
This section of GEOL 1345 will use [Eagle Online Canvas \(https://eagleonline.hccs.edu\)](https://eagleonline.hccs.edu) for most quizzes, announcements, electronic communication, assignment submission, slideshows and additional supplemental materials will be posted here. Students are expected to check the class EO site at least a couple times a week to not miss important information or deadlines.

You **MUST** have reliable, regular access to an internet-connected computer. You can check software requirements via the support pages of Eagle Online Canvas. Make sure your "plug-ins" and "add-ons" are up to date. We all know that sometimes technology fails us. If your personal computer goes on the fritz or your internet connection is disconnected for a few days it is YOUR responsibility to find a computer somewhere else to complete quizzes and review weekly material. A neighbor, the library, a campus computer lab, a friend... make sure you have back-up plans for where to log-in to our class.

HCCS Open Lab locations may be used to access the Internet and Eagle Online Canvas. It is recommended that you **USE [FIREFOX](#) OR [CHROME](#) AS YOUR BROWSER.**

Instructional Materials

Textbook Information



The textbook listed below is **required** for this course. "**Essentials of Oceanography**" (12th edition) by Trujillo and Thurman (Pearson). Loose-leaf print book ISBN: 9780134253947

Purchase the book at the [HCC Bookstore](#). Order your book here: [HCC Bookstore](#)

Students may opt to rent or subscribe to etext via [vitalsource.com](#) or with a Mastering account. This can be accessed with our EagleOnline page.

Other Instructional Resources

In addition to bringing your book every day please also bring a notebook with plenty of paper, pencils, and a calculator. You may find it helpful to have a few colored pencils or multicolored pens to use in note-taking and on assignments. Some students have adopted typing notes during class. I strongly encourage hand-written notes in class. We will be making sketches and diagrams to help understand Earth and Ocean processes, it is far better to take these notes on paper rather than typing.

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](#) 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 <http://library.hccs.edu>. Check out the Geology LibGuide maintained by the HCC library <https://library.hccs.edu/geology>

Course Overview

GEOL 1345 is an introduction to the world's oceans, emphasizing the geological, physical, chemical, and ecological aspects of the marine environment.

Core Curriculum Objectives (CCOs)

GEOL 1345 satisfies the social science requirement in the HCCS core curriculum. The HCC Geology Program 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.
- **Communication Skills:** Students will demonstrate effective development, interpretation and expression of ideas through written, oral, and visual communication.
- **Quantitative and Empirical Literacy:** Students will demonstrate the ability to draw conclusions based on the systematic analysis of topics using observation, experiment, and/or numerical skills. Notably, students will use graphs and charts in assessments during the semester.
- **Teamwork:** to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal by working together with other classmates on assignments or a project during the semester.

Program Student Learning Outcomes (PSLOs)

Can be found at:

<https://learning.hccs.edu/programs/geology>

Course Student Learning Outcomes (CSLOs)

Upon completion of GEOL 1345, the student will be able to:

1. Understand the origin and distribution of ocean sediments
2. Relate the ocean system to the larger Plate Tectonic model and other dynamic Earth systems.
3. Understand properties of seawater
4. Relate ocean conditions to Earth's climate system.

Learning Objectives

- 1.1. Summarize the distribution of lithogenous and biogenous sediments on the ocean floor.
- 1.2. Explain how marine sediments reach the ocean floor.
- 1.3. Visualize changes in sediment thickness and composition from the mid-ocean ridges to continental margins.
- 2.1. Describe the four major components of the Earth system.
- 2.2. Explain the differences between ocean crust and continental crust.
- 2.3. Summarize the characteristics of major plate tectonic boundaries.
- 2.4. Explain how ocean basins form.
- 3.1. Calculate the density of seawater from temperature-salinity/density diagrams.
- 3.2. Interpret isothermal and isohaline maps of the global ocean.
- 3.3. Use Argo Float data to relate changes in seawater temperature and salinity with depth.
- 4.1. Compare and contrast neutral conditions in the tropical Pacific Ocean to El Nino and La Nina conditions.
- 4.2. Analyze observational buoy data in the tropical Pacific.

Student Success

Expect to spend at least twice as many hours per week outside of class as you do in class studying the course materials. That means about 5-6 hours outside of class. The homework

assignments and quizzes provided will help you use your study hours wisely. Successful completion of this course requires a combination of the following:

- Reading the textbook or assigned documents
- Reviewing your notes and improving them outside of class
- Attending class in person
- Reviewing course information like you are practicing a sport – frequently, little by little
- Success on assignments
- Participating in class activities
- Becoming more “fluent” in Earth Science and Oceanographic concepts.

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 your guide.

Students should follow the syllabus calendar so as to keep up with what topic or chapter will be discussed each week.

If possible, take the time to gather with classmates for study sessions, note comparison, and exam preparation. Everyone learns better when you are together!

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Encourage a safe, comfortable, welcoming learning space where trust may be earned.
- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Use, try, implement many learner-centered instructional techniques.
- Provide a complete, understandable description of any special projects or assignments.
- Inform students of policies such as attendance, withdrawal, tardiness, and make up
- Provide the course outline and class calendar which will include a description of any special projects or assignments
- Let students know when I am worried about their performance in or absence from class.
- Notify clearly any changes in due date or course calendar contents.

As a student, it is your responsibility to:

- Attend class in person and be respectful to your classmates.
- Participate actively by reviewing course material, interacting with classmates, and bringing your “I wonder” statements to class
- Stay in communication via e-mail, EagleOnline inbox, and checking for Announcement posts.
- Review the feedback given on quizzes, assignments, and assessments – you learn from mistakes.
- Read, re-read the textbook and access notes and additional helpful material on EagleOnline
- 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](#)

Assignments, Exams, and Activities

Assignments

Prior to class students should look for the **pre-class questions** (PCQ on calendar) as posted in EagleOnline. These will go along with the chapter reading that should be prepared before class. The answers to these questions will be discussed and presented during class.

A series of **in-class exercises** will be assigned during the semester. Most of these will be in-class work, some will be finished at home. These worksheets will elaborate on concepts presented in the chapter and during lecture. These are a good chance to work with data and quantitative information related to the ocean. The worksheets will be collected and graded. Please pay attention to the deadlines for any take-home work.

Students will be expected to submit short reports on **current events** related to oceans and oceanography. These write-ups will be submitted online via a Discussion Forum style tool. Instructions and expectations for the assignment will be described on EagleOnline.

Near the end of the semester we will spend a couple weeks exploring climate change and climate data. This project will include homework reading assignments, group work, in-class discussion and some data analysis. The class calendar marks this as "**Climate of Change**".

Quizzes

Nearly every week there will be one or sometimes two quizzes. The quizzes will most often be administered on EagleOnline. Quizzes will have specific deadlines and time limits. Please watch for quiz open/close dates. Question style will include multiple-choice, short fill-in, and multi-sentence long-answer. The questions will focus on chapter content as well as class-discussion material. Students will want to be prepared for possible in-class pop-quizzes as well. Pop quizzes happen! There are NO make-up quizzes for any reason. There may be bonus quiz opportunities to add extra points to your quiz grade total.

Exams

During the semester there will be 2 exams and a final exam. The exams will consist of a variety of question types including multiple choice, fill-in, short answer, image labeling and sketching. Questions of different types have different point values. The exam will indicate point value. Prior to the exam I will let you know about any materials you will need (ie: calculator, colored pencils, rulers, etc). Students should bring a Scantron form for each exam. Exam dates are indicated on the course calendar.

During exams: During exams the only thing you will be permitted to have at your desk are your writing tools. All notebooks, books, bags, purses, backpacks, phones, snacks, and anything else will be placed along the walls or cabinets. If you do not wish to put your belongings on the floor, then you may want to arrange to leave them somewhere else during the exam. During the exam you will be asked to sit in a different seat from your regular seat.

Final Exam

The final exam will wrap-up the semester material during finals week. The Final Exam will include questions from the entire semester cumulatively. Question variety will be similar to the mid-term exams and quizzes. The final exam will include content from Climate of Change, the chapters covered, class discussions, and in-class exercise worksheets.

FINAL EXAM DATE! – The final exam for this class is at 2:00 pm, Thurs., Dec 12.

Extra Credit Opportunities

There will be a few extra credit opportunities during the semester. These are good opportunities to add more points to your total score. Opportunities change from semester to semester. Sometimes there are special events to attend, movies to watch, or museum exhibits to view.

Grading Formula

Quizzes	=	12%
In Class Exercises	=	12%
Pre-class questions	=	10%
Current Events	=	8%
Exam #1	=	15%
Exam #2	=	15%
Final Exam	=	18%
<u>Climate of Change</u>	=	<u>10%</u>
Total	=	100%

Final letter grade will be assigned according to the following scale:

A = 89.5 – 100%, B = 79.5 – 89.4%, C = 69.5 – 79.5%, D = 59.5 – 69.5%, F = ≤ 59.5%

Incomplete Policy:

The Incomplete grade "I" is filled in for a student on a case by case basis. In all cases the student should be up-to-date with assignments and course material at the time the "I" is discussed at the end of the semester. "I" is also used in cases of medical leave.

The instructor reserves the right to decline a student's request to receive a grade of Incomplete, except in cases protected by the law.

HCC Grading Scale can be found on this site under Academic Information:

<http://www.hccs.edu/resources-for/current-students/student-handbook/>

Course Calendar

Please review the chapter and check EagleOnline for any handouts before coming to class

WEEK	DATE	Class Discussion topics & In-class activities	OUTSIDE OF CLASS
1	8/27	Introductions, Overview of Course <i>and</i> Chapter 1: Introduction to Planet Earth	Read Chapter 1
	8/29	Continue Chap 1	Quiz #1 Read Chap 2 & PCQs
2	9/3	Chapter 2: Plate Tectonics and the Ocean Floor In-class exercise 1: Dynamic Ocean floor	Chap 2 PCQs part 2
	9/5	Finish Chap 2: Plate Tectonics and the Ocean Floor.	Quiz #2
3	9/10	In-class exercise 2: Marine provinces	Read Chap 3 & PCQs
	9/12	Chapter 3: Marine Provinces	Read Chap 4 & PCQs Quiz #3
4	9/17	Chapter 4: Marine Sediments	Continue Chap 4,
	9/19	Continue discussion of sediments and check out some rocks	Quiz #4 Read Chap 5 & PCQs
5	9/24	Chapter 5: Water and Seawater	prepare for Exam
	9/26	In-class exercise 3: salinity & demonstration	Quiz #5 Read prepare for Exam
6	10/1	Exam #1 (chap 1-5)	Chap 6 & PCQs
	10/3	Chapter 6: Air-Sea Interaction	Quiz #6, Read Chap 7 & PCQs
7	10/8	Chapter 7: Ocean Circulation exercise 4: Ocean currents	
	10/10	Review Exam continue Chap 7	Read Chap 8 & PCQs
8	10/15	Chapter 8: Waves and Water Dynamics	Read Chap 9 & PCQs
	10/17	Exercise #5: Waves and Chapter 9: Tides	Quiz #7
9	10/22	Chapter 9: Tides	Read Chap 10 & PCQs
	10/24	Chapter 10: Beaches, Shoreline Processes and the Coastal Ocean	Complete quiz #8
10	10/29	exercise #6 shore + tides	Read Chap 11 & PCQs Complete quiz #9
	10/31	Chapter 11: Marine Pollution	Quiz #10 prepare for Exam 2
		Withdrawal deadline – NOVEMBER 1	

WEEK	DATE	Class Discussion topics & In-class activities	OUTSIDE OF CLASS
11	11/5	EXAM #2 (chap 6-11)	
	11/7	Chapter 12: Marine Life and the Environment	Read Chap 12 & PCQs
12	11/12	Review exam #2 and	Read Chap 13 & PCQs
	11/14	Chapter 13: Biological Productivity and Energy Transfer	Quiz #11 *read Climate of Change homework & pre-quiz
13	11/19	Climate of Change Unit 1	Read Unit 2 for Wed
	11/21	Climate of Change Unit 2	Read Unit 3 for Mon
14	11/26	Climate of Change finish Unit 2 - Unit 3	Read Unit 5 Read Chap 16 (Oceans & Climate Change)
THANKSGIVING BREAK NOV 27 – DEC 1			
15	4/29	Climate of Change Unit 5 Wrap up Integrate Climate Change module	Quiz #13 (Climate of Change)
	5/1	discuss chap 16 Wrap up semester – prepare for final!	Take Quiz #12 (chap 16)
FINALS	12/12	Final Exam Thursday Dec 12, 2pm Do not miss the cumulative final exam	

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.

Instructor's Practices and Procedures

Missed Assignments

Failure to submit a worksheet assignment or Current Event post before the deadline will result in a zero for that assignment. Pre-Class Questions can be submitted late only with prior approval – don't forget them!

Missed Examinations: As a rule, **no make-up** exams will be given and a grade of 0 will be awarded if an exam is missed. Should an exam be missed due to an exceptional situation beyond the student's control, the situation will be assessed on a case-by-case basis, but the instructor should be notified of the situation as soon as possible. Ideally, students should contact the instructor prior to missing a scheduled examination in-person or by e-mail. Contacting the instructor well in advance of any known exam date conflict is more *likely* to result in a permitted alternative exam date, but is not guaranteed. Please note that all ADA and Title IX related accommodations will need to be arranged at least a week before the exam.

Missed Quizzes – There are no make-up quizzes. If a quiz is missed, it's missed. There will be bonus quizzes posted near the end of the semester for the chance to earn additional points for the Quiz portion of your grade.

Academic Integrity

As a student you understand that your job is to earn a grade during the semester. Any work that you submit you should feel ownership of. Submitting work that is not your own will not be accepted. This includes any online quizzes or assignments. There are very few situations when copy-paste is a tool you should use, especially from a website. Anything you submit, small or large, should contain your own thoughts, your work, or work you and a partner agree that you both worked on. If cheating is caught in a quiz the student will receive a "0" for the quiz and will be notified by the instructor. If cheating is discovered during/on an exam the student will receive a "0" score on that exam and the situation will be documented on the Student Conduct Form.

Exam Mode: On Exam days students will be asked to leave all bags, notebooks, purses, pencil cases, phones, etc. at the front of the room. Students should use the restroom or take care of any necessary business prior to the exam. A student will submit their exam before leaving the classroom. At the desk students should only have appropriate writing tools and anything specified by the instructor.

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

<http://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-procedures/>

Attendance Procedures

This is an in-person class. The expectation is you are here in person. Accumulating more than three absences this is a big red-flag for your success in the course and reaches the point that HCC policy indicates we should talk about your continuation in the course. Attendance and tardy arrival (arriving more than 15 minutes late) are recorded everyday.

The **withdraw deadline is November 1** and is indicated on the Course Calendar. Students may choose to withdraw at any point before that deadline. Please communicate with me before choosing to withdraw. I would like a chance to talk it over with you and see if there are any strategies that might help your view of finishing the semester.

Religious Holidays: Please let me know at least 2 weeks in advance if you know you will miss class due to a religious holiday. See the student handbook for more information.

Student Conduct

It is important to me that all students feel comfortable exploring and expressing geoscience knowledge in class. Please be respectful of classmates and anyone presenting by keeping side conversations to a minimum. We all benefit from questions asked and listening to the answer. Please let me know if you feel bullied, threatened, or uncomfortable by any situation in class.

Electronic Devices

Cell phones are important to many of us for communication. However, in the classroom they can be distractions. Your job in class is to learn and participate as much as possible. Cell phones and smart watches and similar devices should be turned to silent (as in NO NOISE AT ALL) while you are in class. If you need to take/make an emergency call you may talk in the hallway. If you are texting or otherwise fiddling with your device during class you will be asked to put it away. If your phone habits become a nuisance to the classroom you will be asked to leave.

Many students use laptop computers to take notes in class. I will permit this, but I emphasize that taking notes by hand is far superior in your success of retaining the information. We will be making many sketches in class and you are expected to make sketches for exams so everyone should be sure to have paper and writing tools in class each day.

Office365

All HCC students, faculty, and staff have access to free downloads of Office365 software in addition to online use of the programs as well. This includes Word, Powerpoint, Excel, Outlook, OneDrive, OneNote, and more. Go to <https://www.office.com/> use your HCC system log-in information (it's your "work" account). Click Office 365 in the top bar and then "Install Office" button on the right side. I highly recommend using the OneDrive cloud storage available to you. Store all your files there to be accessible from anywhere you have internet access. Mobile device apps can be downloaded and connected to your HCC Office365 account as well. Everything is connected!

Instructor's Final Comments

Later in the syllabus is the official statement about housing and food assistance. If you find yourself in a situation where your basic survival needs of food, clothing, or shelter are diminished or becoming a challenge please approach one of your professors or HCC staff. We are here to help and point you in the right direction. HCC has developed and is continuing to grow programs to help students with Real Life Challenges. #realcollege #RealHCC.

Geology Program Information

The Geology Program faculty are excited you are participating in this course! Please visit the LearningWeb page to find additional information about the HCC Geology degree plan, links to Geoscience programs across Texas, careers in Geosciences, Diversity in Geosciences, and program contact information.

<https://learning.hccs.edu/programs/geology>

Additionally, students can find more information about Science, Technology, Engineering, and Math (STEM) opportunities and events on the HCC STEM page: <https://www.hccs.edu/stem>

HCC Policies

Here's the link to the HCC Student Handbook <http://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

EGLS³

The EGLS³ (Evaluation for Greater Learning Student Survey System) 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.

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

Campus Carry Link

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

<http://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](#) and activate it now. You may also use Canvas Inbox to communicate.

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.

Office of Institutional Equity

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

disAbility 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 <http://www.hccs.edu/support-services/disability-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
<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/>

Department Chair Contact Information

Department Chair's name, email address, and office phone number.

Chair of Department of Natural Sciences:

Dr. Kumela Tafa (kumela.tafa@hccs.edu) office phone: 713-718-5569