



Department of Natural Sciences

GEOLOGY Program

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

**GEOL 1301: Earth Sciences I for non-science majors | Lecture
CRN 18764**

Spring 2021 | 16 Weeks (1/19/2021-5/16/2021)
Online on-a-schedule | Mon & Wed 9:30 – 10:50am
3 Credit Hours | 48 hours per semester

Instructor Contact Information

Instructor:	Karen Yip	Office Phone:	713-718-6781
Office:	West Loop rm 228	Office Hours:	See schedule in EagleOnline
HCC Email:	karen.yip@hccs.edu	meeting location:	WebEx

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. Sometimes my academic flexibility means I leave campus early to do "mom" responsibilities and then end up corresponding and working on class items at night. I respect that you, too, have unique schedules. My communication at odd hours does not indicate I expect you to work at odd hours.

Most of your contact with me will be via EagleOnline's "inbox" feature. This is the internal email tool for EagleOnline. I do received notifications of those messages to my regular email account. Yes, you can also send e-mails to my campus e-mail account. For the sake of your information security I won't reply to e-mails that are not from your ____@student.hccs.edu address.

Yes, you can call my office phone number even if we are all online - please leave a voice-message. I will receive the voice messages via email so I can listen to them nearly anywhere. Also, the campus phone number should ring on my laptop if I have the application open. Office hours will be conducted via WebEx. Simply click on the time you wish to set a meeting within the Office Hour section of our class EagleOnline page. That's it, just click the time and the system automatically sets up a meeting for the 2 of us.

What's Exciting About This Course

What is going on with this planet we live on? Have you ever wondered about the clouds overhead? Why don't they all drop rain? Are you curious about earthquakes and volcanoes? Where did the sand come from that you build castles with at the beach? Did you have a collection of favorite rocks you filled your pockets with as a kid? Think you want to own property in the future and might want to know more about rivers and flooding? This class is for you! We will hit all the high points of Earth's rocks, oceans, atmosphere, and our place in the solar system. Consider this course "the geology everyone should know".

My Personal Welcome

Welcome to Earth Science! —I'm delighted that you have chosen this course. One of my passions is to know as much as I can about Earth, and I can hardly wait to pass that on. 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 Earth's processes no matter what career path you are on. So please visit me or contact me whenever you have a question.

Prerequisites and/or Co-Requisites

GEOL 1301 requires college-level reading and writing skills. The minimum requirements for enrollment in GEOL 1301 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.Eagle Online](#)

Eagle Online Canvas Learning Management System

This section of GEOL 1301 will use Eagle Online, HCC's version of Canvas, (<https://eagleonline.hccs.edu>) regularly for everything. Ebook/Mastering access, assignments, exams, class meetings, note posting, announcements, grade posting, supplemental materials, handouts, and communicating with the "inbox". 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. Later sections of the syllabus will specify other technology and course requirements.

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

Scoring Rubrics, Sample Assignments, etc.

Look in Eagle Online Canvas for the scoring rubrics for assignments, samples of class assignments, and other information to assist you in the course. Also be sure to check in for announcements. <https://eagleonline.hccs.edu/>

Instructional Materials

Textbook Information



Available with First Day Access – registration information will be provided on first day of class. See below for more First Day Access information.

The textbook listed below is **required** for this course.

"Foundations of Earth Science" (8th edition) by Lutgens and Tarbuck (Pearson). eBook via *Mastering*
ISBN for the code at bookstore: 9780134298184

About First Day Access

All sections of this course are "First Day Access". Students will access the book automatically within the EagleOnline course for their section. Instructors will have instructions for you to finalize registration to access Mastering, the Pearson system where the eText and Publisher supplemental materials are accessed. Cost of book access is part of student's course fees which is a much lower cost than retail. Student may "opt out" of included access, but then will need to pay for book access on their own which costs more. The opt-out access is through the "First Day (Inclusive Access) Course Material" link in the course EagleOnline page.

Students may also purchase a loose-leaf copy of the textbook from Pearson if they would like a physical copy of the text. This feature is available from within the student's Mastering account.

Other Instructional Resources

Please also consider having a notebook with plenty of paper, pencils, and a few colored pencils or multicolored pens to use in note-taking and on assignments. Hand-written notes from the book, class periods, and review times will be more useful to you than typing notes. We will be making sketches and diagrams to help understand Earth processes, it is far better to make sketches on paper rather than typing. Through the semester I will post suggested supplemental information or resources on our class EagleOnline page. It is highly recommended that you take a look at those materials.

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. Even during campus closure (ex: COVID-19 related), librarians are available to assist students with research, acquiring materials and to lead webinars on many topics. 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 1301 is a survey course of geology, meteorology, oceanography, and astronomy. It is especially for non-science majors and is not part of the Geology A.S. degree plan.

Core Curriculum Objectives (CCOs)

GEOL 1301 satisfies the Life and Physical 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 1301, the student will be able to:

1. Explain the current theories concerning the origin of the Universe and of the Solar System.
2. Explain the place of Earth in the Solar System and its relationships with other objects in the Solar System.
3. Relate the origin and evolution of Earth's internal structures to its resulting geologic systems, including Earth materials and plate tectonic activities.

4. Explain the operation of Earth's geologic systems and the interactions among the atmosphere, the geosphere, and the hydrosphere, including meteorology and oceanography.
5. Explain the history of the Earth including the evolution of earth systems and life forms.

Learning Objectives

- 1.1 Explore evidence of the Big Bang theory
- 1.2 Describe the Nubular Hypothesis and development of our Solar System

- 2.1 Relate Earth's history to the Nebular Hypothesis
- 2.2 Describe the theories for the origin of the moon
- 2.3 Relate climate change to changes in astronomical relationships
- 2.4 Contrast Earth to the other planets of the Solar System

- 3.1 Compare the processes on early Earth to the processes of modern Plate Tectonics
- 3.2 Sketch a model of Earth's internal structure showing thickness and explaining the characteristics that define each layer
- 3.3 Make a concept sketch of the rock cycle and explain the processes that create Earth's diverse rocks.

- 4.1 Recognize the influence of the atmosphere on the biosphere and vice versa
- 4.2 Describe Earth surface processes as the result of interaction of moving water, air, gravity, and rock matter.
- 4.3 Explain distribution of geologic hazards that are result of geologic, atmospheric, and oceanographic processes
- 4.4 Explain geologic resources as products of geologic processes.
- 4.5 Use online resources to find maps of local hazards
- 4.6 Articulate the interrelated nature of the geosphere, atmosphere, biosphere and hydrosphere in the context of Climate Change.

- 5.1 Summarize the models of the origin of Earth's surface water and atmospheric gases
- 5.2 Recognize that scientific models represent Earth's complex systems
- 5.3 Distinguish pieces of evidence and data that lead to development of theory of Plate Tectonics
- 5.4 Describe the process of fossilization in relation to geologic processes and illustrate how fossil evidence is used to understand Earth's history

Student Success

Your success is our goal! How can you boost your chance to be successful? Know what the expectations are. This class takes dedicated time. Time in class meetings, time reading, time studying, time to do 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 or assigned documents
- Reviewing your notes and improving them outside of class
- Attending synchronous class meetings
- Reviewing course information like you are practicing a sport – frequently, little by little. Work on making the course material part of your brain's "muscle memory"
- Success on assignments
- Participating in class activities

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

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

There is no short cut for success in this course. Anything you want to succeed at requires practice. Basketball? Piano playing? Ballet? Video games? You can't just go do these things and think you'll "rock it", they all need practice. So, treat your courses this way too – build your skills during the semester for a successful final grade!

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Encourage a safe, comfortable, welcoming learning space.
- Allow students to develop their own relationship with Earth Sciences
- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Use, test, implement many learner-centered instructional techniques.
- Facilitate an effective learning environment through 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 synchronous class meetings and be respectful of classmates while online
- 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

Students will complete Dynamic Study Modules in the Mastering system (DSM in course calendar) to check progress in reading comprehension. It is recommended that you read the chapter via the ebook prior to starting the DSM.

Students will post to the Eagle Online discussion board about Earth Science related current events during the semester.

About half-way through the semester a research project will be assigned. Students will work in pairs or small groups to research a geologic catastrophe or looming danger. The group will collaborate for a few weeks to prepare and then give a virtual presentation in Week 15.

Quizzes

Students will take quizzes on EagleOnline which cover 1-2 chapters each. Quizzes will be available/open for 2-4 days, please pay attention to deadlines and time limits as they won't all be identical. Quizzes are a chance to assess before exams, they are practice between being introduced to material and taking an exam on that material. There may be small during-class quizzes too! Pop quizzes happen during class meetings! There are no make-up quizzes, once they close they are closed. There will be bonus quizzes to serve as a review and also boost your quiz score.

Exams

Students will take 3 mid-term exams and a final exam. Exams have multiple-choice questions, fill-in-the blank, diagram reading/completing, paragraph-scale long answer and concept sketch based. Please refer to the grading criteria for their value. 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). Exams will be online in EagleOnline given on the date indicated in the semester calendar and will have specific time limits. Exams and quizzes are closed-book, closed-note, closed-internet... an assessment of what you know, not a research project.

During-class Activities

There will be assorted in-class assignments from the book or separate worksheets or active-learning modules. Synchronous online discussions will be interactive. We will use breakout rooms, shared documents, quick "find the answers" and sharing ideas during the class time. Students are expected to participate and contribute answers, questions, ideas, opinions, and encouragement. Students will give a presentation by the end of the semester.

Final Exam

The semester will be wrapped up with the final exam. The Final Exam is cumulative covering all the information from the semester. The final exam will be similar format to the three mid-term exams and will also be online. The Final comprises question styles including multiple-choice, long answer, sketching, and graph-reading. **Our Final Exam will be 9am, Monday, May 10.**

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. During the pandemic we can still explore ideas outside of class even if we don't go anywhere.

Grading Formula

Grades for this course are earned based on the divisions listed below. Some consideration is given, when assessing borderline grades, to those students who have demonstrated steady progress and who have actively contributed to class sessions during the semester. Grades will be displayed in the Grades tool on Canvas, though the total may not (Note: Students are responsible to keep up-to-date on their cumulative grade total.)

Dynamic Study Modules (DSM)	= 8%
~weekly Quizzes	= 13%
<i>Mastering</i> Homework	= 8%
Exam 1	= 9%
Exam 2	= 12%
Exam 3	= 12%
Final Exam	= 15%
Current Event posts/talk	= 8%
Weekly discussion board & class activities	= 8%
<u>Research Project/presentation</u>	= <u>7% of final grade</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 = \leq 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. "I" is also used in cases of medical leave. An "I" is assigned with agreement between student and instructor about what is required to "clear" the I. In all cases, the instructor reserves the right to decline a student's request to receive a grade of Incomplete.

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

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

Course Calendar

This calendar will let you know what you should prepare to submit, bring with you to class or be prepared to discuss in class

DATE	PRE-CLASS	DURING CLASS	Post-class
WEEK 1 Jan 21	Prepare for school to start!	Introductions, Overview of Course, set-up Mastering accounts	Explore Mastering and EagleOnline
WEEK 2 Jan 25	DSM: Intro to Dynamic Study Modules DSM: Introduction to Earth Science	Intro Earth Sciences,	Quiz #1
Jan 27	READ Chap 15 & DSM: Nature of the Solar System,	Earth in the Solar system	Quiz #2
WEEK 3 Feb 1	READ Chap 1 & DSM: Matter and Minerals	Matter and Minerals	Quiz #3
Feb 3	Read Chap 2 and DSM: Igneous Rocks & DSM: Sedimentary Rocks	Rocks!	Study for Exam #1
WEEK 4 Feb 8	DSM: Metamorphic Rocks	More Rocks!	Quiz #4 Study for Exam #1
Feb 10	Study for Exam 1	Exam #1	
WEEK 5 Feb 15		Mon Feb 15 PRESIDENTS DAY	
Feb 17	Read chapter 3 & DSM: Rivers and flowing water	Landscapes Fashioned by Water (rivers and groundwater)	Mass-wasting homework
WEEK 6 Feb 22	DSM: Groundwater	Rivers and Flooding	Quiz #5
Feb 24	READ Chap 4 & DSM: Glacial Land. & DSM: Deserts/Arid Land.	Glacial & Arid Landscapes Finish landscapes	Quiz #6
WEEK 7 Mar 1	READ CHAPTER 5	Plate Tectonics!	Plate Tectonics Homework
Mar 3	DSM: Plate Tectonics	Plate Tectonics + jigsaw	Quiz #7
WEEK 8 Mar 8	READ chapter 6 DSM: Earthquakes	Earthquakes	
Mar 10	DSM: Crustal Deformation (end ch 6) Read chapter 7 & DSM: Volcanoes	Quakes & volcanoes	Quiz #8 & Quiz #9 Prepare for exam
SPRING BREAK March 15-21			

DATE	PRE-CLASS	DURING CLASS	Post-class
WEEK 9 Mar 22	Review chapters 6 & 7 related to plate tectonics	Wrap up earthquakes/mountains/volcanoes	Prepare for exam
Mar 24	Prepare for exam	Exam #2	
WEEK 10 Mar 29	Read Chapter 9 ASSIGNMENT: Chap 9 Oceans	Oceans: The Last Frontier	Ch 9 assignment
Mar 31		Oceans worksheet, cont ch. 9 (assign project)	Quiz #10
SPRING HOLIDAY APRIL 2 – 4			
WEEK 11 Apr 5	Read Chapter 10 & DSM: shorelines	Restless Ocean	Work on project
Apr 7		<i>More oceans</i>	Quiz #11
Withdrawal deadline: APRIL 6, 2021			
WEEK 12 Apr 12	Read CHAP 11 & DSM: The Atmosphere: Comp., Structure, & Temp	Chap 11: Heating the Atmosphere	Work on project
Apr 14	Read Chap 12 & DSM: Moisture, Clouds, Precip	Chap 12: Precipitation!	Research Outlines Quiz #12
WEEK 13 Apr 19	Read Chap 13 & DSM: Air Pressure and Wind	Atmosphere in Motion	Atmosphere HW #1,
Apr 21	Read Chap 14 & DSM: Weather Patterns & Severe Weather	Weather Patterns & Severe Weather	Quiz #13 Prepare for Exam #3
WEEK 14 Apr 26	Prepare for EXAM #3	Exam #3	Work on project
Apr 28	Read Chap 16 & DSM: Beyond our Solar System + Revisit Ch 5, 15	Big Earth Science ideas to take away with you	Chap 16 assignment
WEEK 15 May 3	Last details of presentation prep	Student Presentations	
May 5		Wrap up the semester!	
FINALS May 10	Final Exam 9 am Mon, May 10. It is cumulative and comprehensive.	Do not miss the final exam ROCK THAT 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. HCC calendar and holiday schedules are available at:

<https://www.hccs.edu/student-experience/events-calendar/>

Instructor's Practices and Procedures

Missed Assignments

If you miss an assignment come and talk to me. Dynamic Study Module deadlines can be extended. Quiz deadlines will not be extended unless in cases of documented errors with the quiz or EagleOnline technical errors. In class work may be made up on case-by-case basis, the easiest to say "yes" to are worksheet-based. Not all opportunities can be made-up. If you know that you will miss an exam contact the instructor as soon as you know you have a conflict. Alternative test times are more likely to be arranged in advance rather than after the scheduled Exam date.

Academic Integrity

As a student you understand that your job is to earn a grade during the semester. Any work Grades are not given, they are earned. Feel ownership over your submitted work. All work submitted by you should be completed by you. This includes online quizzes, and exams, and assignments. There are very **few** situations when copy-paste is a recommended tool to use in assignments. Answers should be a student's own explanation and phrasing. If cheating or plagiarism are caught in a quiz the student will received 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 document on the Student Conduct Form.

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

Attending and participating in class are the best ways to move toward success in this course. Attendance is important because you are not only assessed on "book" material. During class meetings we will have discussions and side stories and small assignments and you'll need to review all of it for your assessments. Attendance will include participation and completion of material in Canvas EagleOnline. 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 is mandatated by the state.

The **withdraw deadline is April 6**, 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.

Students who stop attending class and do not withdraw themselves prior to the withdrawal deadline may either be dropped by their professor for excessive absences or be assigned the final grade of "FX" at the end of 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.

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.

Electronic Devices

This is an Online course. Yes, you have electronic devices. Please be respectful during our synchronous class. Keep focused on class discussion and presentations. During class students will be invited to participate in web based surveys or information scavenger hunts. Use any appropriate device!

HCC students can find assistance acquiring technology here: <https://www.hccs.edu/applying-and-paying/financial-aid/additional-technology-related-resources-for-hcc-students/>

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 Problems. #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>

Instructional Modes (Spring 2021)

Flex Campus (FC)

In person classes where students can choose to participate either on campus or online (streamed from classroom):

<https://www.hccs.edu/campaigns/college-your-way/flex-campus/>

Online on a Schedule (WS)

Fully online, scheduled meetings

<https://www.hccs.edu/campaigns/college-your-way/online-on-a-schedule/>

Online Anytime (WW)

Fully online, no scheduled meetings

<https://www.hccs.edu/campaigns/college-your-way/online-anytime/>

Lab-Based Courses (HL)

Online with required attendance at scheduled labs on campus

<https://www.hccs.edu/campaigns/college-your-way/lab-based-courses/>

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.

Student Resources

COVID 19 Information:

<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 (HCC CARES):

<https://www.hccs.edu/support-services/counseling/hcc-cares/>

Student Basic Needs Application:

https://hccs.co1.qualtrics.com/jfe/form/SV_25WyNx7NwMRz1FH

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/>)

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/>

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

Chair of Department of Natural Sciences:
Dr. Kumela Tafa (kumela.tafa@hccs.edu) office phone: 713-718-5569