



Division of Natural Sciences and Geology

Department of Chemistry

<http://learning.hccs.edu/programs/chemistry>

CHEM 1311: General Chemistry I | Lecture | #20685

Fall 2018 | 16 Weeks (8.27.2018-12.16.2018)

in-Person | Central College CE-Learning Hub Sci Rm 304 | TuTh 11:00AM – 12:20PM

3- units (3 hrs lecture) | 48 hours per semester

Instructor Contact Information

Instructor: Dr. Adegoke Office Hours: Mon and Tues (1-3 PM) by appointment

HCC Email: anu.adegoke@hccs.edu Office Location: Central College

Please feel free to contact me concerning any problems that you are experiencing in this course. Your performance in my class is very important to me. I am available to hear your concerns and just to discuss course topics. I will respond to emails within 24-48 hours Monday through Friday; I will reply to weekend messages on Monday afternoons upon finishing up classes. Your HCC Email address is required as the preferred method of contact, should you contact me, please use your HCC Student Email address.

What's Exciting About This Course

You will learn so much about how we can use chemical principles to have a clear understanding of a host of phenomena that occurs around us everyday; the changes that produce brilliant colors of tree leaves, the cascade of bubbles you notice when you mix vinegar and baking soda, how energy is produced, the impact of energy on our everyday activities, why lasers produce light with very specific colors, the role of salt in our bodies, causes, sources and remediation of environmental pollution, all these and many more will be explored in detail in this course.

My Personal Welcome

Welcome to General Chemistry—I'm delighted that you have chosen this course. One of my passions is how the relationship between molecular structures and predicted properties largely influence design of new chemicals, and I can't wait to pass it 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. My goal is for you to walk out of the course with a

better understanding of how you can use chemistry concepts and chemical principles in real-life. Please contact me whenever you have questions.

Prerequisites and/or Co-Requisites

CHEM 1311 requires college-level reading and writing skills. Research indicates that you are most likely to succeed if you have already taken and passed **Reading 0342, Math 0312 and Writing 0310 / 0349 or Math 0312 with INRW 0420**. The minimum requirements for enrollment in CHEM 1311 include placement in college-level reading (or take INRW 0420). If you have enrolled in this course having satisfied these prerequisites, you have a higher chance of success than students who have not done so. Please carefully read and consider the repeater policy in the [HCCS Student Handbook](#).

Eagle Online Canvas Learning Management System

This section of CHEM 1311 will use Learning Web (learning.hccs.edu) to supplement in-class assignments, lecture notes, exams and activities. The usage of Mastering Chemistry and Canvas Learning are optional. Mastering Chemistry requires you to purchase the access code in addition to the textbook expense and thus is not mandatory.

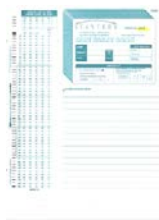
Instructional Materials



The materials listed below are **required** for this course.

➤ Textbook Information

Brown, LeMay Jr, Bersten, Murphy, Woodward, Stoltzfus. (2018). *Chemistry : The Central Science*, 14th ed., Pearson, MN.



The texts are included in a package that contains the text as well as an access code and are found at the [HCC Bookstore](#).

➤ Scantrons 886-E (for test dates)

➤ A Nonprogrammable scientific calculator without USB port (TI-30Xa is the preferred one). No smart watches and phones are allowed



Other Instructional Resources

Tutoring

HCC provides free, confidential, and convenient academic support 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 details.

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>.

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 <http://www.hccs.edu/resources-for/current-students/supplemental-instruction/>.

Course Overview for CHEM 1311

This course is intended for students majoring in one of the physical sciences or life sciences, engineering, or for students who are pursuing pre-professional programs in medicine, dentistry, pharmacy, veterinary medicine, or other health programs. The course is also beneficial to students who are preparing themselves for higher level science courses in their respective curricula.

Science and engineering majors study atomic structure, chemical reactions, thermodynamics, electronic configuration, chemical bonding, molecular structure, gases, states of matter, and properties of solutions. The laboratory includes appropriate experiments.

PROGRAM STUDENT LEARNING OUTCOMES (PSLOs)

Can be found at <http://learning.hccs.edu/programs/chemistry>

1. Demonstrate basic mastery of chemistry by writing formula and equations for chemical reactions, performing chemical calculations and recognizing the application of chemistry in our daily lives
2. Demonstrate a mastery of introductory and intermediate level chemistry to promote success in higher level chemistry and other science programs in four year universities
3. Demonstrate a mastery of General and Organic Chemistry in preparation for allied and professional health programs and engineering
4. Conduct laboratory experiments by making measurements, performing chemical reactions and analyzing the results in a group or individual setting

COURSE STUDENT LEARNING OBJECTIVES (CSLOs)

SLO 1. Give names and formulas of elements, ions, and ionic and molecular compounds.

- 1.1 Given the name, identify the formula and charge of positive and negative ions, and vice-versa.
- 1.2 Given the name, write the formula of ionic compounds, binary molecular compounds, and acids. Given the formulas of these types of compounds, name them.

SLO 2. Categorize, complete, and balance chemical reactions.

- 2.1 Identify given reactions as combination, decomposition, single displacement, and double displacement.
- 2.2 Starting with the reactants, complete the reaction by writing the reaction products.
- 2.3 Given the reactants and products, balance the equation for the reaction.

SLO 3. Do chemistry calculations involving reaction stoichiometry and energy changes.

- 3.1 Convert amounts in units of mass or volume to moles, and vice-versa.
- 3.2 Given the amount of one substance in a reaction, calculate the amount of the other substances that react and form.
- 3.3 Identify the limiting reactant and excess reactant in a reaction where more than one reactant amount is given.
- 3.4 Determine the amount of the excess reactant that remains as unreacted excess.
- 3.5 Calculate energy changes associated with chemical reactions using Hess's law, standard enthalpies of formation, or calorimetry.

SLO 4. Relate the properties of electromagnetic radiation (frequency, wavelength, and energy) to each other and to the energy changes atoms undergo which accompany electronic transitions.

- 4.1 Relate frequency, wavelength, and the speed of electromagnetic radiation.
- 4.2 From the frequency or wavelength of electromagnetic radiation, calculate its energy.
- 4.3 Relate the energy change in the hydrogen atom to its electronic transitions using the Bohr model.
- 4.4 Identify and relate the four quantum numbers that can be associated with electrons.
- 4.5 Write the electronic configurations of atoms and ions, including the box diagram method.

SLO 5. Identify the parts of the periodic table and the trends in periodic properties of atoms.

- 5.1 Identify the common regions of the periodic table. Identify by name selected groups of elements in the periodic table.
- 5.2 Using the periodic table, identify the trend (increasing or decreasing in value) of selected properties of atoms such as atomic radius, ionization energy, and electron affinity.
- 5.3 Identify reaction similarities of elements within the same group in the periodic table.

SLO 6. Relate the properties of gases with the gas laws and extend the application of these relationships to reaction stoichiometry, gas mixtures, and effusion/diffusion of gases.

- 6.1 Relate and calculate the pressure, volume, temperature, or amount of gas using Boyle's law, Charles' law, Gay-Lussac's law, Avogadro's law, the combined gas law, and the ideal gas law.
- 6.2 Perform stoichiometry calculations which involve gaseous substances.
- 6.3 Use Dalton's law and Graham's law to perform calculations involving gaseous mixtures and effusion and diffusion of gases.
- 6.4 Explain the assumptions of the kinetic-molecular theory of gases.

SLO 7. Depict chemical bonding with dot structures and valence bond theory and determine the molecular shapes (geometry) of molecules based on VSEPR and valence bond theory.

7.1 Draw the Lewis dot structure of molecules containing two or more atoms.

7.2 Based on the dot structure of the molecule, determine its electron domain geometry and molecular geometry based on VSEPR theory.

7.3 Given the dot structure, identify the hybridization of and geometry about each atom.

7.4 Explain the nature of sigma and pi bonding using hybrid atomic orbitals.

SLO 8: Calculate density and relate the value to mass and volume measurements for all physical states.

8.1 Given either mass, volume, or density, be able to calculate an unknown variable through use of the density equation.

8.2 Appreciate the utility of density as an intensive and physical property as an identification tool.

SLO 9: Covert measurements in Metric, SI, and American systems

9.1 Convert and assess temperatures in three scales of measurement: Celsius, Fahrenheit, and Kelvin.

9.2 Convert measurements of mass, volume, length between established units of official International (SI), Metric, and American systems.

SLO 10: Apply thermochemical principles to evaluate work, heat, and energy relationships based on specific heat, calorimetry, and temperature changes.

10.1 Calculate heat based on mass, specific heat or heat capacity, and temperature change.

10.2 Understand the transfer of heat as it applies to a system and its surroundings, including calorimeters, by calculating one variable in an equation when presented with others including heat, mass, specific heat or heat capacity, and initial and final temperatures.

10.3 Define the meaning of work as it relates to energy in all forms: heat, potential and kinetic.

10.4 Apply the Law of Conservation of Energy as it pertains to energy exchange in thermochemical reactions.

10.5 Convert between SI and American units of heat.

Student Success in CHEM 1311

Chemistry 1311 is a course that is largely based on math, which requires conceptual understanding and application, and is not a subject that can be learned passively. Chemistry is full of word problems and therefore mastering chemistry depends heavily on the student's reading and math skills, persistence and strong determination.

Chemistry is best learned through constantly working problems. Listening to lecture attentively is essential for mastery of the course. Be punctual to class and come prepared. Follow the course outline, work on the homework practice problems, study the chapters/assignments before coming to class is the key for success.

It is easy to fall behind in a course like CHEM 1311. Students easily fall behind if they miss classes and do not keep up with daily study. The concepts builds on each other, in other words, your mastery of the concepts and word problems from the first chapter is very crucial for the understanding of subsequent chapters. The adverse impacts on student performance includes but not limited to frequent tardiness, early departure, absence and taking more than full-time student load (12 credit hours) while working full-time/overtime . This course is more rigorous than high school chemistry and Introductory Chemistry and thus requires students putting more effort than what they did in in their previous study. Usually it requires 20 or more hours a week to study and practice. Scores from exams speak for student preparation for the class and how thorough the student has study for the tests. Remember that reading solutions is solely different from solving problems and doing homework and practice exams

yourself.

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 class activities, discussions, and lectures
- Provide a 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
- Arrange to meet with individual students after class as required

To be successful in this class, it is the student's responsibility to:

- Attend class and participate in class discussions and activities
- Read and comprehend the textbook
- Complete the required assignments and exams:
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments
- Attain a raw score of at least 70% on the departmental final exam
- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook](#)

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

Academic Integrity

You are expected to be familiar with the University's Policy on Academic Honesty, found in the catalog. Students are responsible for conducting themselves with honor and integrity in fulfilling course requirements. Penalties and/or disciplinary proceedings may be initiated by College System officials against a student accused of scholastic dishonesty. "Scholastic dishonesty": includes, but is not limited to, cheating on a test, plagiarism, and collusion. There is a **Zero tolerance** for any type of academic dishonesty. Please see the following link for further information: [Student Handbook](#)

Attendance Policy

Attendance to all classes is expected. Studies have shown that consistently missing class and/or being tardy to class has an adverse effect on student performance and success. Your success in this class is based on a **cumulative** understanding of the material. Should you miss a class, you are compromising your ability to understand future material. You are thereby hindering your ability to succeed in this class. I will take attendance every day. Should you anticipate an absence, please notify the instructor in advance by email with your excuse. Bear in mind any excessive number of absences will prohibit the successful completion of this course. If you should miss a class, it is the student's responsibility to obtain lecture notes and assignments from students that attended.

If you are contemplating withdrawing from the class, it is advisable to discuss with your instructor. The instructor may be able to provide you with suggestions and learning strategies that may help you to improve your academic performance. However, if you decide to withdraw from the class, you need to follow HCC withdrawal guidelines to complete the appropriate paperwork before the deadline to

receive a “W” on your transcript. The last day to withdraw for fall 2018 is Nov 2nd. Students who no longer appear on the class roster because they have been dropped (for lack of attendance, non-payment, financial aid issues, etc.) are not permitted to sit in class, take exams, or be assigned a grade per College policy.

Semester Exams and Assignments

Exams and Make-up Policy

Exams in this course will consist of multiple-choice type questions as well as written answers. You are expected to bring your own scantrons and calculator on the exam or test date specified in this syllabus. Scantrons are sold in campus bookstores. (Scantron form number 886-E is required).

There will be three regular tests plus a final exam. Each exam consists of multiple choice questions and word problems. Word problems emphasize critical thinking skills. Scantrons are used for multiple choice questions; Use pencils only for scantrons. For the word problems, you need to show all your work, to receive full credit. You will receive zero (0) credit if you only give a final answers without showing the intermediate steps. Make-up exams will **NOT** be given for any reason, so make every effort to take the exams on their scheduled dates. In the event that you must miss a regular exam, I will count the grade made on the final exam as the grade for the missed exam (for one missed exam only) and calculate the final course grade accordingly. The final exam score can also replace the lowest score exam (for one exam only) if the final exam score is higher. The final exam is a Houston Community College System Exam and will cover **ALL** the material covered in the whole semester. Please see the make-up policy for the final exam in the final exam section below. All students are required to take the final (no student can be exempted). A student who completes the course by taking the final must receive a regular grade (A-F) in the course. The final exam score counts 20% of your overall grade. All exams are “closed book”.

You are NOT allowed to leave the class during exams unless medically necessary. Students with disabilities should contact the Office for Student with Disabilities for information regarding reasonable accommodations for testing.

All smart watches must be removed and stored with phones in backpacks before an exam or test. The HCC Academic Honesty/Integrity will be strictly followed (please see HCC Academic Integrity/Honesty policy below). There will be **ZERO TOLERANCE** for any academic actions contrary to academic integrity during examinations, tests, or quizzes. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion. In this class, the penalty for willful cheating on exams is a grade of F in the course. This is the standard policy of the Sciences Department. Penalty could also include referral to the college Dean of Student Services or disciplinary action up to and including expulsion”.

Student Work

With the exception of group/collaborative projects explicitly assigned as such by your instructor, all assignments and tests submitted to your instructor shall be performed solely by you. You will not submit work that is plagiarized or that otherwise violates copyright laws of the United States of America. If you have been found guilty of academic misconduct by your college of enrollment disci-

iplinary action may result in banning you from the course and/or future enrollment at Houston Community College.

Actions contrary to academic integrity will NOT be tolerated. Activities that have the effect or intention of interfering with learning or fair evaluation of a student's work or performance are considered a breach of academic integrity.

Examples of such unacceptable activities include, but are not limited to:

- Cheating - intentionally using or attempting to use unauthorized material, assistance or study aids in any academic work.
- Plagiarism - representing another's ideas, words, expressions or data in writing or presentation without giving proper credit, failing to cite a reference or failing to use proper documentation, using works of another gained over the Internet and submitted as one's own work.
- Falsification and/or Misrepresentation of Data - submitting contrived or made-up information in any academic exercise.
- Facilitating Academic Dishonesty - knowingly helping or attempting to help another violate any provision of the academic integrity policy.

- Multiple Submission - submitting, without prior approval from the instructor, any work submitted to fulfill academic requirements in another class.
- Unfair Advantage - trying to gain unauthorized advantage over fellow students.

Policy on Answering Questions

You are expected to write your answers neatly and legibly. You will receive no credit if the instructor cannot read your answers, no partial credit is given for answers instructor cannot read. You are always welcome to type your home-assignment using word or other programs. All written solutions must be provided with a clear sentence structure (subject, verb, and object).

Mathematical answers must be coherent and you need to show as many steps in your work as you can. The final answer to a problem must be highlighted or boxed and numerical answers must have the correct units. Failure to do so, even if it is correct, will result in a loss of credit.

There will be pop quizzes during the semester; there will be NO makeups for any quiz.

In-Class Activities

You should expect pop-quizzes (dates of quizzes will NOT be announced in advance), classroom assignments and participation in activities during class sessions.

CHEM 1411 Departmental Final Exam

All students will be required to take a comprehensive departmental final exam consisting of 35 multiple-choice and 6 short answer questions. Students must provide their own Scantron forms (FORM NUMBER 886-E). All the information students need to prepare for the exam is in the review given in class.

Students who are absent from the final exam without discussing their absence with the instructor in advance or within 24 hours afterward will receive a final exam grade of zero. Any student who does

not take a makeup exam by the end of the following long semester will receive a final exam grade of zero and a course grade of F.

Use of Camera and/or Recording Devices

All phones and other electronic devices will be turned off when you enter the lecture class and labs. No electronic devices can be used in the teaching environment unless you have received permission from the instructor. Recording or taking pictures of the any part of the lecture is PROHIBITED. Students with learning disabilities who need to use a recording device as a reasonable accommodation should contact the Office for Students with Disabilities for Information regarding reasonable disabilities.

Evaluation

Your semester grade will be based on a combination of exam, tests, quizzes, and classroom participation. Exam, tests and quizzes will require you to show calculations in order to receive full credit for answers. All work done should be completed on the test, quiz or exam. **NO work on scratch paper will be accepted!** There will be a final exam on the date indicated. All dates are to be considered approximate and not to be assumed exact.

Your final grade is based on a total point system of 100 and will be calculated based on the following:

- 75%-Test Average = 75 points*
- 5% Participation and Pop-quizzes = 5 points*
- 20% - Comprehensive Final Exam = 20 points*

Grading Formula

Grade	Total Points
A	90-100
B	80-89
C	70-79
D	60-69
F	<59
FX	Student stop coming to class

FINAL GRADE OF FX: Students who stop attending classes and do not withdraw themselves prior to the withdrawal deadline will receive a grade of "FX", compared to an earned grade of "F" which is due to poor performance.

Students who receive financial aid but fail to attend class will be reported to the Department of Education and may have to pay back their aid. **A grade of "FX" is treated exactly the same as a grade of "F" in terms of GPA, probation, suspension, and satisfactory academic progress.**

HCC Grading Scale can be found on this site under HCC Grading System:

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

Homework

Homework is not a graded component of this course. Suggested homework problems from the back of each chapter are below (most answers are located in back of textbook). These are for your benefit and for preparation for the chapter exams. Participating in homework completion will help you reinforce the material and better enable you master the content. As an additional incentive, on exam days, you may submit your completed homework for each set of chapters covered on an exam for bonus points.

This is done at the beginning of class. Homework may be hand written or typed, but must be the student's original work, with all problems worked out (no answers only), and legible to get credit. Loose papers must be stapled together and numbered correctly for example: (page 1 of 5, 2 of 5 ...).

	EXAM 1
Chapter 1	13, 15, 21, 25, 27, 37(a,b,d), 47, 51, 55
Chapter 2	4, 6,15, 23,25,29,35,39,41,49,51,55,59, 61,63, 65, 73, 75, 77
Chapter 3	11, 13 a & b, 21, 23, 25, 35, 47 a & b, 53b, 61
	EXAM 2
Chapter 4	21, 31, 37, 39, 51 a, b, c, 73, 81
Chapter 5	25, 31,37, 43, 57, 65, 73, 83
Chapter 6	19, 25, 37, 39, 45, 57
	EXAM 3
Chapter 7	25, 27, 43 (a-c), 55, 67, 69
Chapter 8	4, 7, 13, 17, 19, 41, 47, 55
Chapter 9	23, 25 (a-d), 30, 37, 41, 51
Chapter 10	26, 33, 34, 51, 55, 59, 64
Chapter 11	2, 6

Course Calendar

Week #	Lecture/Reading Assignment	
Week 1 8/28 8/29	Syllabus / Introduction Chapter 1: Matter & Measurement	Chapter 1: Matter & Measurement
Week 2 9/4 9/6	Chapter 2: Atoms, Molecules & Ions	Chapter 2: Atoms, Molecules & Ions
Week 3 9/11 9/13	Chapter 3: Chemical Reactions and Reactions Stoichiometry	Chapter 3: Chemical Reactions and Reactions Stoichiometry
Week 4 9/18 9/20	Chapter 3: Chemical Reactions and Reactions Stoichiometry	
Week 5 9/25 9/27	Test 1 (Chapters 1-3) <i>Homework (Chaps 1-3) due</i>	<i>Chap 4: Reactions in Aqueous solution</i>
Week 6 10/2 10/4	Chap 4: Reactions in Aqueous solution	Chapter 5: Thermochemistry
Week 7 10/9 10/11	Chapter 5: Thermochemistry	Chapter 5: Thermochemistry
Week 8 10/16 10/18	Chapter 6: Electronic Structure of Atoms	Chapter 6: Electronic Structure of Atoms
Week 9 10/23 10/25	Chapter 6: Electronic Structure of Atoms	Chapter 7: Periodic Properties of the Elements
Week 10 10/30 11/1	Test 2 (Chapters 4, 5 6) <i>Homework (Chaps 4-7) due</i> Chapter 7: Periodic Properties of the Elements	Chapter 7: Periodic Properties of the Elements
Week 11 11/6 11/8	Chapter 8: Basic concepts of Chemical Bonding	Chapter 8: Basic concepts of Chemical Bonding
Week 12 11/13 11/15	Chapter 9: Molecular Geometry and Bonding Theories	Chapter 9: Molecular Geometry and Bonding Theories
Week 13 11/20 *11/22	Chapter 10: Gases	*Thanksgiving holiday
Week 14 11/27 11/29	Test 3 (Chapters 7, 8, 9 & 10) <i>Homework (Chaps 7, 8, 9, 10 due)</i>	Chapter 10: Gases

Week 15 12/4 12/6	Chapter 11: Liquids and Intermolecular Forces	
Week 16 12/11 12/13	Final Exam Review	Final Exam (Chemistry Department Comprehensive Final Exam: Chaps 1-11)

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.

Other Course Information

HCC Online Information and Policies

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

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.

<https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login> HYPERLINK

["https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG&"](https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG&) & HYPERLINK

["https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG&languageCd=ENG"](https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG&languageCd=ENG)

HYPERLINK ["https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG&"](https://hccsaweb.hccs.edu:8080/psp/csprd/?cmd=login&languageCd=ENG&) &

HCC Email Policy

HCC prefers students to communicate only through the HCCS email system to protect your privacy. If you have not activated your HCCS student email account, you can go [to HCC Eagle ID](#) and activate it [now](#). You may also use Canvas Inbox to communicate.

HCC Academic Honesty/Integrity Policy

Students are responsible for conducting themselves with honor and integrity in fulfilling course requirements. Penalties and/or disciplinary proceedings may be initiated by college district officials against a student accused of scholastic dishonesty. "Scholastic Dishonesty" includes, but is not limited to: cheating on a test, plagiarism and collusion. Possible punishment for academic dishonesty may include a grade of "0" or "F" on the particular assignment, failure in the course, and/or referral to the college Dean of Student Services or disciplinary action up to and including expulsion".

Violations of HCC Academic Honesty/Integrity Policy includes, but not limited to:

- Copying from another student's test paper
- Collaborating with another student during a test
- Using unauthorized materials or electronic devices during the test
- Taking pictures of the test or scantron
- Knowing buying, selling, stealing, transporting, or soliciting part or whole of a test that has not yet been administered
- Bribing another person to obtain part or whole of a test that is to be administered
- Violating testing rules
- Copying answers from internets and other resources
- Having someone else do your assignment or take your test for you

While study group is highly encouraged, copying each other's work and/or sharing answers are prohibited. You must work the problem based on your own understanding of the material and turn in your own original work. If evidence is obtained that suggests students in the class are copying and/or sharing answers, steps will be taken in accordance with the HCC Academic Honesty Policy. You are expected to be familiar with the Houston Community College's Policy on Academic Honesty/Integrity.

Classroom Expectations

It is our shared responsibility to develop and maintain a positive learning environment for everyone in this class. Your instructor takes this responsibility very seriously and will take action to address the behavior of any student who disrupts the learning environment. Disruptive behavior may result in an administrative withdrawal without refund.

To allow a positive learning atmosphere and to respect your fellow classmate, you will turn off your electronic devices (cell phones, iPods, MP3 players, laptop computers, tablets, etc), and will not use these devices in the classroom without permission from the instructor. Note that "off" does not mean on vibrate or mute. Use of recording devices, including but not limited to cameras, cell phones, and tape recorders, is strictly prohibited in classrooms, laboratories, faculty offices, and other locations where instruction, tutoring, or test occurs. Unaccepted conduct Includes, but is not limited to the following:

- Excessive talking which, in the opinion of the instructor, is a major distraction for other students
- Arguing with and/or disrespecting other class members
- Obscene or offensive language or gestures

HCC Policy Statements

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

Basic Needs

Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Dean of Students for support. Furthermore, please notify the professor if you are comfortable in doing so. Additional information may be found at:<http://www.hccs.edu/applying-and-paying/financial-aid/financial-coach/>

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 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/>

Chemistry Department Chair

Dr. Emmanuel Ewane, emmanuel.ewane@hccs.edu; 713-718-5414