



Calculus I-11345

MATH-2413

SS 2022 Section 486 4 Credits 02/14/2022 to 05/15/2022 Modified 02/09/2022

Course Meetings

Course Modality

In Person

Meeting Days

Tuesday & Thursday

Meeting Times

08:00-10:30 PM

Meeting Location

Katy Campus, Room 382

Welcome and Instructor Information

Instructor: Dr. Tayebah Hajjari

Email: tayebah.hajjari@hccs.edu

Office: Katy Campus, Room 359K or WebEx

Phone: 713-718-5204

Website: <https://learning.hccs.edu/faculty/tayebah.hajjari> (<https://learning.hccs.edu/faculty/tayebah.hajjari>)

My Personal Welcome

I am delighted that you have chosen this course!

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 the concerns and just to discuss course topics. I will respond to emails within 24 hours Monday through Friday; I will reply to weekend messages on Monday mornings.

I look forward to a rewarding and successful semester as your instructor. To be successful you should approach this course with passion, a well- designed schedule and a commitment to stay engaged.

What's Exciting About This Course

In this course, you will learn how calculus is used to calculate a variety of rates of change among other applications used to solve real-world problems. You will see how calculus can be applied and how it plays an integral part in many fields of study.

Preferred Method of Contact

HCC Email: tayebah.hajjari@hccs.edu

Please use HCC Email or Canvas Inbox to communicate. I will respond to emails within 24 hours Monday through Friday; I will reply to weekend messages on Monday mornings.

Office Hours

Tuesday, Thursday, 10:45 AM to 11:45 AM, Either Online-WebEx or in Campus by appointment

Monday, Wednesday 2:00 PM to 3:00 PM Either Online-WebEx or in Campus by appointment

Course Overview

Course Description

MATH 2413 - Calculus I Credits: 4 (4 lecture). This course is a freshman level course that provides the background in mathematics for science and engineering students, and or further study in mathematics and its application. Topics include limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas. Core Curriculum Course.

Prerequisites

Math 2412 or consent of the Department Chair. A grade of "C" or better in Math 2412.

Department Website

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

Core Curriculum Objectives (CCOs)

Given the rapid evolution of necessary knowledge and skills and the need to take into account global, national, state, and local cultures, the core curriculum must ensure that students will develop the essential knowledge and skills they need to be successful in college, in a career, in their communities, and in life. Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

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

Student Learning Outcomes and Objectives

Program Student Learning Outcomes (PSLOs)

Students in the Mathematics Program will:

1. Engage in problem solving strategies, such as organizing information, drawing diagrams and modeling.
2. Use symbolic representations to solve problems. This includes manipulating formulas, solving equations, and graphing lines.
3. Build the foundational mathematical skills that will enable a student to successfully complete a college level mathematics course.

Course Student Learning Outcomes (CSLOs)

Upon completion of MATH 2413, the student will be able to:

1. Develop solutions for tangent and area problems using the concepts of limits, derivatives, and
2. Draw graphs of algebraic and transcendental functions considering limits, continuity, and differentiability at a point.

3. Determine whether a function is continuous and/or differentiable at a point using limits.
4. Use differentiation rules to differentiate algebraic and transcendental functions.
5. Identify appropriate calculus concepts and techniques to provide mathematical models of real-world situations and determine solutions to applied problems.
6. Evaluate definite integrals using the Fundamental Theorem of Calculus.
7. Articulate the relationship between derivatives and integrals using the Fundamental Theorem Calculus.

Learning Objectives

Upon completion of this course the student will demonstrate

1. Knowledge of limits by:
 - a. computing limits at a point and at infinity analytically,
 - b. applying the definition of continuity,
 - c. determining where a function is continuous or discontinuous,
2. Knowledge of differentiation by:
 - a. finding the derivative of a function using the limit definition,
 - b. finding the equation of the tangent line to a curve at a point,
 - c. finding the rate of change of a function,
 - d. finding derivatives of polynomial, trigonometric, using differentiation rules,
 - e. finding derivatives using the product, quotient and chain rules,
 - f. implicitly differentiating equations,
 - g. computing higher order derivatives,
 - h. finding the intervals on which a function increases or decreases,
 - i. determining maximum and minimum points of a function,
 - j. finding the intervals on which a function is concave up or concave down
 - k. determining points of inflection of a function
 - l. using the first and second derivative tests to find relative extrema,
 - m. applying Rolle's theorem and the Mean Value theorem,
 - n. solving 'real world' optimization problems,
 - o. solving 'real world' problems involving related rates,
3. Knowledge of integration by:
 - a. finding antiderivatives involving polynomial and trigonometric functions,
 - b. evaluating a definite integral using Riemann sums,
 - c. computing the average value of a function over an interval,
 - d. computing definite integrals using the Fundamental Theorem of Calculus,
 - e. solving applied problems using definite integrals,
 - f. finding indefinite integrals with a change of variables,
 - g. finding the area or regions under and between curves
4. Knowledge of transcendental functions by:
 - a. finding derivatives of the natural logarithmic function
 - b. finding derivatives of exponential functions
 - c. finding antiderivatives which result in natural logarithmic and exponential functions
5. Knowledge of inverse functions

The Mathematics Department has specific expectations for calculators, proctored exams and grading policies. Refer to the Course Requirements and Devices sections below.

Instructional Materials and Resources

Book: Calculus

Author: Ron Larson & Bruce H. Edwards

Publisher: WebAssign

Edition: 11th Edition

ISBN: 13: 978-1337275347

Availability: WebAssign Multi-Term Printed Access Card: ISBN-13: 978-1285858265

Price: depends on the time

The textbook listed below is required for this course.

Textbook: Calculus, 11th Edition, by Ron Larson & Bruce H. Edwards, ISBN-13: 978-1337275347

Textbook Options for: Calculus, 11th Edition, by Ron Larson & Bruce H. Edwards Loose-leaf Textbook+WebAssign Multi-Term Printed Access Card: Edwards ISBN-13: 978-1337604741

Hardbound

Textbook + WebAssign Multi-Term Printed Access Card: Edwards ISBN-13: 978-1337604758

WebAssign Multi-Term Printed Access Card: ISBN-13: 978-1285858265

Temporary Free Access to E-Book

For temporary free access to WebAssign, the class assignments, and the online eBook, go to our Canvas course, and go to the "Assignments" page. You will need to create a WebAssign account if you do not have one already. If you do have a WebAssign account, simply log into WebAssign from our Canvas course, using your WebAssign login credentials.

Other Instructional Resources

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

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>.

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 Requirements

Assignments, Exams, and Activities

Type	Weight	Topic	Notes
Syllabus Quiz	1	General info from Canvas Course	It will be given in Canvas and should be completed by the first week of semester. Lock down browser is required for this quiz.
Homework & Group Activities	10	Sections	<p>All homework assignments must be completed online using WebAssign (WA), the online learning and assessment system that accompanies the textbook. If you do, simply log into WebAssign from our Canvas page, using your WebAssign login credentials. Since all online assignments will be completed on WA (although accessed from Canvas), having a WA account and enrolling in our WA course is a requirement. You can either purchase the textbook packaged with a WA access code at an HCC bookstore, or you may purchase WA access separately at an HCC bookstore or online at www.webassign.net. The hard-copy of the textbook is NOT required, but WA is. You will have access to an electronic version of the entire textbook online (eBook) through WA, if you purchase WA access with the eBook included. Once again, purchasing the textbook is NOT required, but all the homework assignments on WA are required. Make sure that you purchase, access and start working on the WA course within the first two days of classes. If you have not used WA before, first you need to create a WA account. If you have used WA before, then you already have a WA account. Do not create another one for this course. You may use WA for free for 14 days at the beginning of the course, but eventually you will be required to purchase an access code to use WAI. It is your responsibility to work each of the assigned problems and to ask questions when needed. Missed homework will be scored at zero. Nine lowest homework score from 29 HW will be dropped.</p> <p>There are two group activities, more info will be posted in announcement/Canvas.</p>
Quizzes	9	Chapters	Quizzes will be given in Canvas. The lowest quiz grades will be dropped so as to not affect your grade if you miss one quiz. All quizzes are due when called for. Missed quizzes will be scored at zero.
Exam	15	Chapters	Exams will be given in class time. Missed exams will be scored at zero.
Midterm Exam	30	Chapter 1,2 &3	All students will be required to take the midterm, see calendar for the date.
Final Exam	35	All Chapters	All students will be required to take a cumulative Final, see calendar for the date.

Grading Formula

Grade	Range	Notes
A	90 to 100	
B	80 to 89.9	
C	70 to 79.9	
D	60 to 69.9	
F	less than 60	
FX		The grade of FX is given when a student fails due to lack of attendance.
W		A grade of W may be given on or before the official withdrawal date but not at the time of final grade submission. The last day to withdraw is 04/12/2022.

* Instructor's Practices and Procedures

Incomplete Policy

It is Math Department policy not to allow a course incomplete unless a student is currently passing the course and completed at least 85% of the course.

Missed Assignments/Make-Up Policy

No Exam makeups are given.

Academic Integrity

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

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

Attendance Procedures

Attendance is based on course participation. If you are not completing the required assignments, you will be considered absent. A student may be dropped from a course for missing 20% of the course.

Student Conduct

Be respectful and considerate of all people always.

Instructor's Course-Specific Information

The last day to withdraw from this class is April 12, 2022.

Devices

No electronic devices, notes or books are allowed on exams, except the computer being used to take exam. The use of electronic devices by students in the classroom is up to the discretion of the instructor. Any use of such devices for the purposes other than student learning is strictly prohibited unless authorized as an appropriate ADA accommodation from the ADA Counselor.

Faculty Statement about Student Success

Expect to spend at least twice as many hours as the number of credit hours of the course per week studying the course content. Additional time will be required for written assignments.

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

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

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

Faculty-Specific Information Regarding Canvas

This course section will use Canvas (<https://eagleonline.hccs.edu> (<https://eagleonline.hccs.edu>)) to supplement in-class assignments, exams, and activities.

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

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

Social Justice Statement

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

HCC Policies and Information

HCC Grading System

HCC uses the following standard grading system:

Grade	Grade Interpretation	Grade Points
A	Excellent (90-100)	4
B	Good (80-89)	3
C	Fair (70-79)	2
D	Passing (60-69), except in developmental courses.	1
F	Failing (59 and below)	0
FX	Failing due to non-attendance	0
W	Withdrawn	0
I	Incomplete	0
AUD	Audit	0
IP	In Progress. Given only in certain developmental courses. A student must re-enroll to receive credit.	0
COM	Completed. Given in non-credit and continuing education courses.	0

Link to Policies in Catalog and Student Handbook

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

In it you will find information about the following:

- Academic Information
- Academic Support
- Attendance, Repeating Courses, and Withdrawal
- Career Planning and Job Search
- Childcare

- disAbility Support Services
- Electronic Devices
- Equal Educational Opportunity
- Financial Aid TV (FATV)
- General Student Complaints
- Grade of FX
- Incomplete Grades
- International Student Services
- Health Awareness
- Libraries/Bookstore
- Police Services & Campus Safety
- Student Life at HCC
- Student Rights and Responsibilities
- Student Services
- Testing
- Transfer Planning
- Veteran Services

Link to HCC Academic Integrity Statement

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

Campus Carry Link

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

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

HCC Email Policy

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

Office of Institutional Equity

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

Ability Services

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

Title IX

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

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

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

Office of the Dean of Students

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

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

Student Success

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

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

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

Canvas Learning Management System

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

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

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

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

HCC Online Information and Policies

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

Scoring Rubrics, Sample Assignments, etc.

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

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques

- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar that will include a description of any special projects or assignments
- Arrange to meet with individual students during office hours, and before and after class as required

As a student, it is your responsibility to:

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

EGLS3

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

<https://www.hccs.edu/egls3> (<https://www.hccs.edu/egls3>)

Housing and Food Assistance for Students

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

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

Student Resources

Tutoring

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

Libraries

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

Supplementary Instruction

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

Resources for Students:

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

Basic Needs Resources:

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

Student Basic Needs Application:

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

COVID-19

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

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

Sensitive or Mature Course Content

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

Instructional Modalities

In-Person (P)

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

Online on a Schedule (WS)

Fully online course with virtual meetings at scheduled dates and times

Online Anytime (WW)

Traditional online course without scheduled meetings

Hybrid (H)

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

Hybrid Lab (HL)

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

Copyright Statement

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

Course Calendar

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.

	DATE	SECTION	ONLINE ASSIGNMENTS
1	Feb. 15	1.1-1.2	
		1.3-1.5	Quiz 1, Chapter 1
2		2.1-2.2	
		2.3-2.4	
3		2.5-2.6	Quiz 2, Chapter 2
		Review Chapter 1 & 2	
4		Exam 1 (Chapter 1 & 2)	
		3.1-3.2	
		Spring Break March 14-20	
5		3.3-3.4	Group Activity 1
		3.4-3.5	
6		3.6-3.7	Quiz 3, Chapter 3
		3.8-3.9	
7		Review chapter 3 and Midterm Review	
		Midterm Examination (Sections 1.1-3.6)	
8		4.1-4.2	
		4.3-4.4	Last day to withdraw Apr. 12
9		4.4-4.5	Quiz 4, Chapter 4
		5.1-5.2	Group Activity 2
10		5.3-5.4	Quiz 5, Chapter 5
		Review (Chapter 4 & 5)	

11		Exam 2 (Chapter 4 & 5)	
		Review Final Exam	
12		No Class	
	May 12	Final Examination (Chapters 1-5)	

Additional Information

Departmental/Program Information

Program Information for Majors: <https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/mathematics/>

HCC Math Student Organization: Mu Alpha Theta: Application: <https://www.hccs.edu/resources-for/current-students/stem--science-technology-engineering--mathematics/stem-clubs/mu-alpha-theta-application/>

Process for Expressing Concerns about the Course

If you have concerns about any aspect of this course, please reach out to your instructor for assistance first. If your instructor is not able to assist you, then you may wish to contact the Department Chair.

Mathematics Courses

Chair of Math	Mahmoud Basharat	SW Campus	713-718-2438	Stafford Scarcella, N108
- Admin. Assistant	Tiffany Pham	SW Campus	713-718-7770	Stafford Scarcella, N108
- Admin. Assistant	Christopher Cochran	SW Campus	713-718-2477	Stafford Scarcella, N108
Math Assoc. Chair	Jaime Hernandez	CE Campus	713-718-7772	San Jacinto Building, Rm 369
Math Assoc. Chair	Susan Fife	NW Campus	713-718-7241	Katy Campus Building, Rm 112
Math Assoc. Chair	Hien Nguyen	NE Campus	713-718-2440	Northline, Rm 324

Developmental Mathematics Courses

Chair of Dev. Math	Dorothy A. Muhammad	SE Campus	713-718-5846	Felix Morales Building, Rm 124
- Admin. Assistant	Carmen Vasquez	SE Campus	713-718-7056	Felix Morales Building, Rm 124
Dev. Math Assoc. Chair	Jack Hatton	SE Campus	713-718-2434	Felix Morales Building, Rm 124
Dev. Math Assoc. Chair	Adnan Ulhaque	SW Campus	713-718-5463	Felix Morales Building, Rm 124/ Stafford Scarcella, N108