

# **Mathematics Katy Campus**

Math 1342: Elementary Statistical Methods CRN 16647 – Fall 2018 Second Start Online Instruction

3 hour lecture course / 48 hours per semester/ 12 of weeks **Textbook**: *Elementary Statistics, A step by step Approach*, 10<sup>th</sup> Edition,

McGraw-Hill Education, Bluman, ISBN-13: 978-1259755330

Connect Math Course Code: U4VVN-PDYQ3

Connect Math Financial Aid Access Code: A9A50-2F50B-D5E8F-33E00

**Instructor**: Kimber Kaushik

**Instructor Contact Information**: <u>kimber.kaushik@hccs.edu</u>; Rm. 359 H; 713-718-5733

**Office location and hours**: Monday & Wednesday: 12:30 – 2 pm; Tuesday 4 – 6 pm

### **Course Description**

MATH 1342: Statistics. Topics include histograms, measures of central tendency and variation, probability, binomial and normal distributions, and their applications, confidence intervals, and tests of statistical hypotheses.

**Prerequisites:** A grade of C or better in Math 0310 or a grade of C or better in MATH 0314 (or its equivalent) or meet TSI college-readiness standard for college-level mathematics.

#### **Course Goal**

This course is intended for students primarily in health sciences and business rather than math or science majors. It consists of concepts, ideas, and applications of statistics rather than a theory course.

# **Course Student Learning Outcomes (SLO):**

- 1. Explain the use of data collection and statistics as tools to reach reasonable conclusions.
- 2. Recognize, examine and interpret the basic principles of describing and presenting data.
- 3. Compute and interpret empirical and theoretical probabilities using the rules of probabilities and combinatorics.
- 4. Explain the role of probability in statistics.
- 5. Examine, analyze and compare various sampling distributions for both discrete and continuous random variables.
- 6. Describe and compute confidence intervals.
- 7. Solve linear regression and correlation problems.
- 8. Perform hypothesis testing using statistical methods.

Course Objectives: Upon completion of this course, a student should be able to

- 1. Demonstrate knowledge of statistical terms.
- 2. Understand the different between descriptive and inferential statistics.
- 3. Identify: types of data, measurement level of variables, and four basic sampling techniques.
- 4. Construct the relative frequency table from a given set of ungroup data.
- 5. Know and use the different graphs: histogram, frequency polygon, Ogives, Pareto, and pie to present data.
- 6. Compute the mean, median, mode, midrange, range, variance, and standard deviation.
- 7. Identify the various measures of position such as percentiles, deciles, and quartiles.
- 8. Find the total number of outcomes in a sequence of events using tree diagram and multiplication rule.
- 9. Understand the use of permutation and combination rules.
- 10. Determine sample spaces and find the probability of an event using classical probability.
- 11. Find the probability of compound events using addition and/or multiplication rules.
- 12. Find the conditional probability of an event
- 13. Construct a probability distribution for a random variable
- 14. Find the mean, variance, and expected value for a probability distribution function.
- 15. Find the exact probability for X successes in n trial of a binomial experiment.

- 16. Find the mean, variance, and standard deviation for binomial distribution.
- 17. Identify the properties of the normal distribution.
- 18. Find the area under the normal curve, given various z values.
- 19. Find probabilities for a normally distributed variable by transforming it into a standard normal variable.
- 20. Find specific data values for given percentages using the standard normal distribution.
- 21. Apply the central limit theorem to solve problems involving sample means.
- 22. Use the normal approximation to compute probabilities for a binomial variable.
- 23. Find a confidence interval for the mean when is known or n 30.
- 24. Determine the minimum sample size for finding a confidence interval for the mean.
- 25. Find a confidence interval for the mean when is unknown and n < 30.
- 26. Find a confidence interval for proportion.
- 27. Determine the minimum sample size for finding a confidence interval for a proportion.
- 28. Find a confidence interval of variance and standard deviation.
- 29. Understand the definitions used in hypothesis testing.
- 30. State null hypothesis and alternative hypothesis.
- 31. Understand the terms: type I error and type II error, test criteria, level of significance, test statistic.
- 32. Find the critical values for the z-test, t-test, and -test.
- 33. Test hypothesis for: means (large and small sample), proportions, variance, and standard deviation.
- 34. Draw scatter plot for a set of ordered pairs.
- 35. Compute the correlation coefficient and the coefficient of determination.
- 36. Compute the equation of the regression line by using the least square method.
- 37. Test a distribution for goodness of fit using chi-square.
- 38. Test independence and homogeneity using chi-square.
- 39. Use the one-way ANOVA technique to determine if there is a significant difference among three or more means.
- 40. Determine differ in means using the Scheffe' or Tukey test if the null hypothesis is rejected in the ANOVA.

#### **Core Objectives**

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 Skills: 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.

**Empirical and Quantitative Skills:** to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

#### **CALENDAR**

Class begins	Monday, September 24
Last day to drop class without a grade	Wednesday, October 3
Unit One Test (in person, covers Chapters $1-3$ )	Friday, October 12 at Central Campus (start between 4
	& 7 pm)
	Saturday, October 13 at Spring Branch Campus (start
	between 10 am & 1 pm)
	Sunday, October 14 at Eastside Campus (start between
	10 am & 1 pm)
Unit Two Review and Test (in Connect Math, covers	Available Monday, November 5 to Sunday, November
Chapters $4-6$ )	11
Last day to withdraw from class	Monday, November 12
Unit Three Review and Test (in Connect Math, covers	Available Monday, December 3 to Sunday, December 9
Chapters 7, 8 & 10)	
Final Exam (in person, covers Chapters $1 - 8$ , $10$ )	Friday, December 14 at Central Campus (start between 4
	& 7 pm)
	Saturday, December 15 at Spring Branch Campus (start
	between 10 am & 1 pm)

#### INSTRUCTIONAL MATERIALS

#### **Connect Math**

Most assignments are accessed via the online program Connect Math (available at <a href="www.connectmath.com">www.connectmath.com</a>). You'll find details about registering for Connect Math in Eagle Online on the first day of class, including how to gain free access for two weeks.

#### Textbook

An electronic version of the textbook, *Elementary Statistics*, *A Step by Step Approach* (10<sup>th</sup> Edition, by Allan G. Bluman) comes with your Connect Math subscription.

If you want a hard copy of the textbook, you can purchase it at any HCC campus bookstore or online through many book ordering websites. If you buy the book on campus, it will come packaged with an access code for Connect Math. Please note that if you purchase the textbook elsewhere, it may not come packaged with Connect Math; in this case, you will have to pay separately for a Connect Math subscription.

### Calculator

You will need a scientific or graphing calculator in this course.

### INSTRUCTIONAL METHODS

I want you to succeed. To do so, you must work consistently and not fall behind. I encourage you to work with your classmates on homework assignments and while preparing for tests. Ask me questions whenever they arise, and go to tutoring if you need more help. If you have suggestions for making the course better, let me know, especially if there are resources you'd like me to make available to you.

### INSTRUCTOR REQUIREMENTS

### 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 online learning environment through video tutorials, homework assignments, unit reviews and unit tests in Connect Math, as well as PowerPoint presentations and forum discussions in Eagle Online
- Inform students of institutional and course policies
- Provide the course outline and class calendar which will include a description of any special projects or assignments

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

- Complete the required assignments and exams in Connect Math, Eagle Online, and in person
- Ask for help when there is a question or problem, going to tutoring when necessary

# STUDENT ASSIGNMENTS

Assignments have been developed that will enhance your learning. To better understand a topic, you will be given assignments on key information that you will need to remember for your success in this class and later when you encounter statistics in your daily life and career. Students will be required to successfully complete the following:

#### **Discussions**

You'll contribute one original post to four discussion in Eagle Online (Canvas). Posts will be graded for accuracy, but you'll have the opportunity to improve your grade on each post by addressing my comments. Once you contribute your discussion post, I encourage you to respond to at least one of your classmates' posts.

# Textbook Reading Assignments: SmartBook

You'll read a chapter of the course textbook before you begin associated assignments in Connect Math. I suggest you read the textbook by using Connect Math's SmartBook, an adaptive eText which helps you study in a deeper, more efficient manner. When you are ready to start a new chapter, launch the SmartBook, and preview and outline the chapter as prompted. Next, read one section and practice before beginning the homework problems associated with the section. Finally, when you finish a chapter, use the recharge feature of the SmartBook to review the content.

#### Videos

After you finish reading a textbook chapter, you'll view the associated video tutorials and video examples in Connect Math. These videos review vocabulary, concepts and methods in probability and statistics. Note that although your grades on video assignments in Connect Math will not affect your course average, you will benefit by watching each video closely.

#### **Homework Assignments**

In Connect Math, you'll complete a homework assignment for each chapter of the textbook that we cover in class.

#### **Unit Reviews**

To prepare for each unit test, you'll complete the associated unit review. The Unit One Review will be available as PDFs in Eagle Online (Canvas). The Unit Two and Three Reviews will be available in Connect Math and will be graded as homework assignments. You must score at least 80% on the Unit Two and Three Reviews to access the corresponding unit tests.

#### **In-Person Unit One Test**

The Unit One Test is a paper-and-pencil test, has 20 questions, lasts two hours, and covers all material from Chapters 1, 2 & 3. The exam is CLOSED BOOK, AND NO NOTES ARE ALLOWED. You will not have access to a computer during the Unit One Test; instead, you must answer questions using your own graphing or scientific calculator. I will provide any formulas that you'll need during testing, but you must memorize all definitions and methods.

The Unit One Test will take place in person on Friday, October 12 at HCC's Central Campus (arrive between 4 and 6:45 pm), Saturday, October 13 at HCC's Spring Branch Campus (arrive between 10 am and 12:45 pm), or Sunday, October 14 at HCC's Eastside Campus (arrive between 10 am and 12:45 pm). If you will not be in Houston during the testing weekend, you'll need to inform me and arrange to take the test with an approved proctor at an approved university or college testing center.

#### Materials needed for taking the Unit One Test

- Sharpened #2 pencils
- Eraser (Hi-Polymer erasers by Pentel are recommended)
- Picture ID (driver's license or HCCS ID)
- Course information: MATH 1342, CRN 16647, Prof Kimber Kaushik
- Scientific or graphing calculator

When you arrive at a testing location, you must show your ID and provide the course information listed above. You'll be given a test booklet and a Scantron form. I'm proctoring on Sunday, so please ask to be seated in my room that day.

Be sure to mark your answers carefully on your Scantron form.

#### Online Unit Two and Unit Three Tests

The Unit Two Test covers Chapters 4, 5 & 6, and the Unit Three Test covers Chapters 7, 8 & 10. The Unit Two and Three Tests are taken online in Connect Math. After you submit an online test, you can complete one quick retake, for full credit.

#### **Final Exam Review**

You can earn up to five bonus points on the final exam by completing the final exam review in Connect Math, available two weeks before the final exam. Make sure you can do the problems with no technology other than a scientific or graphing calculator since you will not have computer access during the final exam.

#### **Final Exam**

The final exam is a paper-and-pencil test, has 33 multiple-choice questions, lasts two hours, and covers all material from class. The exam is CLOSED BOOK, AND NO NOTES ARE ALLOWED. You will not have access to a computer during the final exam; instead, you must answer questions using your own graphing or scientific calculator. I'll provide the formulas and statistical tables that you'll need during testing.

The final exam must be taken in person on either Friday, December 14 at HCC's Central Campus (arrive between 4 pm and 6:45 pm) or Saturday, December 15 at HCC's Spring Branch Campus (arrive between 10 am and 12:45 pm). If you will not be in Houston during the testing weekend, you'll need to inform me and arrange to take the test with an approved proctor at an approved university or college testing center.

### Materials needed for taking the final exam

- Sharpened #2 pencils
- Eraser (Hi-Polymer erasers by Pentel are recommended)
- Picture ID (driver's license or HCCS ID)
- Course information: MATH 1342, CRN 16647, Prof Kimber Kaushik
- Scientific or graphing calculator

When you arrive at a testing location, you must show your ID and provide the course information listed above. You'll be given a test booklet and a Scantron form. I'm proctoring each day, so please ask to be seated in my room.

Be sure to mark your answers carefully on your Scantron form.

#### **Assessments**

You can use your grades on discussions, homework assignments, reviews and tests to determine how successful you are at achieving the course learning outcomes (mastery of course content and skills) outlined in the syllabus. If you find you are not mastering the material and skills, you are encouraged to reflect on how you prepare for and execute each assignment. I encourage you to tell me how I can assist you in finding resources online or on campus that will improve your performance.

### **Grading Percentages**

• 10%: Discussions

• 15%: Homework & Reviews

45%: Unit Tests30%: Final Exam

### **HCC Policy Statement - Students with disabilities**

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/

### Ability Services Contact Information

Houry Services Contact Information					
Central College	713-718-6164				
Coleman College	713-718-7376				
Northeast College	713-718-8322				
Northwest College	713-718-5422	713-718-5408			
Southeast College	713-718-7144				
Southwest College	713-718-5910				
Adaptive Equipment/Assistive Technology	713-718-6629	713-718-5604			
Interpreting and CART services	713-718-6333				

# **HCC Policy Statement: 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

Houston, TX 77266-7517 or Institutional.Equity@hccs.edu

Phone number: 713-718-8271

#### **Basic Needs Security Statement**

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

### **Campus Carry Statement**

At HCC the safety of our students, staff, and faculty is our first priority. As of August 1, 2017, Houston Community College is subject to the Campus Carry Law (SB11 2015). For more information, visit the HCC Campus Carry web page at http://www.hccs.edu/departments/police/campus-carry/

#### **HCC Policy Statement: Academic Honesty**

A student who is academically dishonest is, by definition, not showing that the coursework has been learned, and that student is claiming an advantage not available to other students. The instructor is responsible for measuring each student's individual achievements and also for ensuring that all students compete on a level playing field. Thus, in our system, the instructor has teaching, grading, and enforcement roles. You are expected to be familiar with the University's Policy on Academic Honesty, found in the catalog. What that means is: If you are charged with an offense, pleading ignorance of the rules will not help you. 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.

### Cheating on a test includes:

- Copying from another students' test paper;
- Using materials not authorized by the person giving the test;
- Collaborating with another student during a test without authorization;
- Knowingly using, buying, selling, stealing, transporting, or soliciting in whole or part the contents of a test not yet administered;
- Bribing another person to obtain a test that is to be administered.

<u>Plagiarism</u> means the appropriation of another's work and the unacknowledged incorporation of that work in one's own written work offered for credit.

<u>Collusion</u> mean the unauthorized collaboration with another person in preparing written work offered for credit. Possible punishments for academic dishonesty may include a grade of 0 or F in the particular assignment, failure in the course, and/or recommendation for probation or dismissal from the College System. (See the Student Handbook)

### **HCC Policy Statements**

Class Attendance - It is important that you come to class! Attending class regularly is the best way to succeed in this class. Research has shown that the single most important factor in student success is attendance. Simply put, going to class greatly increases your ability to succeed. You are expected to be on time at the beginning of each class period. For complete information regarding Houston Community College's policies on attendance, please refer to the Student Handbook. You are responsible for materials covered during your absences. Class attendance is checked daily. Although it is your responsibility to drop a course for nonattendance, the instructor has the authority to drop you for excessive absences.

If you are not attending class, you are not learning the information. As the information that is discussed in class is important for your career, **students may be dropped from a course after accumulating absences in excess of six (6) hours of instruction**. The six hours of class time would include any total classes missed or for excessive tardiness or leaving class early.

You may decide NOT to come to class for whatever reason. As an adult making the decision not to attend, you do not have to notify the instructor prior to missing a class. However, if this happens too many times, you may suddenly find that you have "lost" the class.

Poor attendance records tend to correlate with poor grades. If you miss any class, including the first week, <u>you are responsible for all material missed.</u> It is a good idea to find a friend or a buddy in class who would be willing to share class notes or discussion or be able to hand in your work if you unavoidably miss a class

If you do not start your assignments in Connect Math by Wednesday, October 3, I may drop you from class. If you are inactive in Connect Math or Eagle Online for more than two weeks without communicating with me, I may withdraw you from class after October 3.

#### **HCC Course Withdrawal Policy**

If you feel that you cannot complete this course, you will need to withdraw from the course prior to the final date of withdrawal. Before, you withdraw from your course; please take the time to meet with the instructor to discuss why you feel it is necessary to do so. The instructor may be able to provide you with suggestions that would enable you to complete the course. Your success is very important. Beginning in fall 2007, the Texas Legislature passed a law limiting first time entering freshmen to no more than **SIX** total course withdrawals **throughout** their educational career in obtaining a certificate and/or degree.

To help students avoid having to drop/withdraw from any class, HCC has instituted an Early Alert process by which your professor *may* "alert" you and HCC counselors that you might fail a class because of excessive absences and/or poor academic performance. It is your responsibility to visit with your professor or a counselor to learn about what, if any, HCC interventions might be available to assist you – online tutoring, child care, financial aid, job placement, etc. – to stay in class and improve your academic performance.

If you plan on withdrawing from your class, you **MUST** contact a HCC counselor or your professor prior to withdrawing (dropping) the class for approval and this must be done **PRIOR** to the withdrawal deadline to receive a "W" on your transcript. \*\*Final withdrawal deadlines vary each semester and/or depending on class length, please visit the online registration calendars, HCC schedule of classes and catalog, any HCC Registration Office, or any HCC counselor to determine class withdrawal deadlines. **Remember to allow a 24-hour response time when communicating via email and/or telephone with a professor and/or counselor. Do not submit a request to discuss withdrawal options less than a day before the deadline.** If you do not withdraw before the deadline, you will receive the grade that you are making in the class as your final grade. **The last day to withdraw is Monday, November 12, 2018.** 

# Repeat Course Fee

The State of Texas encourages students to complete college without having to repeat failed classes. To increase student success, students who repeat the same course more than twice, are required to pay extra tuition. The purpose of this extra

tuition fee is to encourage students to pass their courses and to graduate. Effective fall 2006, HCC will charge a higher tuition rate to students registering the third or subsequent time for a course. If you are considering course withdrawal because you are not earning passing grades, confer with your instructor/counselor as early as possible about your study habits, reading and writing homework, test taking skills, attendance, course participation, and opportunities for tutoring or other assistance that might be available.

### Misuse of Electronic Devices in the Classroom

The use of electronic devices by students in the classroom is up to the discretion of the instructor. Any use of such devices for purposes other than student learning is strictly prohibited unless authorized as an appropriate ADA accommodation from the ADA Counselor.

#### **Grading Scale**

90 - 100 = A

80 - 89 = B

70 - 79 = C

60 - 69 = D

Below 60 = F

#### **Personal Communication Device Policy:**

All personal communication devices (any device with communication capabilities including but not limited to cell phones, blackberries, pagers, cameras, palmtop computers, lap tops, PDA's, radios, headsets, portable fax machines, recorders, organizers, databanks, and electronic dictionaries or translators) must be muted or turned off during class. Such activity during class time is deemed to be disruptive to the academic process. Personal communication devices are to not be on the student desk during examinations. Usage of such devices during exams is expressly prohibited during examinations and will be considered cheating (see academic honesty section above).

# **Student Course Reinstatement Policy:**

Students have a responsibility to arrange payment for their classes when they register, either through cash, credit card, financial aid, or the installment plan. Faculty members have a responsibility to check their class rolls regularly, especially during the early weeks of a term, and reconcile the official class roll to ensure that no one is attending class whose name does not appear on it. Students who are dropped from their courses for nonpayment of tuition and fees who request reinstatement after the official date of record (OE Date) can be reinstated by making payment in full and paying an additional \\$75 per course reinstatement fee. A student requesting reinstatement should present the registrar with a completed **Enrollment Authorization Form** with the signature of the instructor, department chair, or dean who should verify that the student has been attending class regularly. Students who are reinstated are responsible for all course policies and procedures, including attendance requirements.

#### **Resources:**

The HCC Tutoring Centers provide academic support to our diverse student population by creating an open atmosphere of learning for all students enrolled at HCC. Using a variety of tutoring techniques, we assist students across academic disciplines, addressing their individual needs in a constructive, safe, and welcoming environment. Our emphasis is on maximizing academic potential while promoting student success and retention. We are committed to helping students achieve their educational, personal, and career goals by empowering them to become confident, independent, lifelong learners

Tutoring for individual subjects is offered at specific times throughout the week on various campuses. There is no need to make an appointment. If you need a tutor, please refer to our website: <a href="http://www.hccs.edu/findatutor">http://www.hccs.edu/findatutor</a> for times and locations. For more information about tutoring at HCC, please go to <a href="http://www.hccs.edu/tutoring">http://www.hccs.edu/tutoring</a>.

Additional help is also available through Student Support Services. Students can get free assistance, 24 hours a day, 7 days a week, in Math, English and other subjects, at <a href="https://hccs.upswing.io/">https://hccs.upswing.io/</a>. Typically, an HCC tutor or faculty answers

posted questions within 24 hours (usually under 6 hours). In addition, you can find several online math resources through an internet search. You may also find information on the Learning Web site accessible through your specific HCCS campus website.

### EGLS<sub>3</sub> -- Evaluation for Greater Learning Student Survey System

At Houston Community College, professors believe that thoughtful student feedback is necessary to improve teaching and learning. During a designated time, you will be asked to answer a short online survey of research-based questions related to instruction. The anonymous results of the survey will be made available to your professors and division chairs for continual improvement of instruction. Look for the survey as part of the Houston Community College Student System online near the end of the term. Visit <a href="https://www.hccs.edu/EGLS3">www.hccs.edu/EGLS3</a> for more information.

#### **Administration contact information**

#### **College - Level Math Courses**

Chair of Math	Susan Fife	SW Campus	713-718-7241	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	Ernest Lowery	NW Campus	713-718-5512	Katy Campus Building, Rm 112
Math Assoc. Chair	Mahmoud Basharat	NE Campus	713-718-2438	Codwell Hall Rm 105

### **Developmental Math Courses**

Chair of Dev. Math	Marisol Montemayor	SE Campus	713-718-7153	Felix Morales Building, Rm 124
- Admin. Assistant	Carmen Vasquez	SE Campus	713-718-7056	Felix Morales Building, Rm 124
Dev. Math Assoc. Chair	Hien Nguyen	SE Campus	713-718-2440	Felix Morales Building, Rm 124
Dev. Math Assoc. Chair	Jack Hatton	NE Campus	713-718-2434	Northline Building, Room 321

For issues related to your class, please first contact your instructor.

If you need to contact departmental administration, then contact the appropriate Associate Chair.

If further administrative contact is necessary, then contact the appropriate Department Chair.